Morphodynamics of Beach-Dune Systems Laden with Large Woody Debris: Haida Gwaii (Queen Charlotte Islands), British Columbia

by

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B.Sc., University of Victoria, 2005

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Abstract

This thesis explores the geomorphic implications of large woody debris (LWD) residing in the backshore of beach-dune systems along the northeastern coasts of Haida Gwaii (Queen Charlotte Islands), British Columbia, Canada. Detailed topographic surveys were employed to quantify seasonal mass balance of the beach-dune systems along two distinctly different coastlines. Erosion and accretion potential models were applied to characterize sediment transport conditions.

Holman's (1986) $R_{2\%}$ wave runup model was superimposed on total water levels, to model wave runup exceedence of the beach-dune junction elevation (6.5 m aCD). Modelled 'erosion potential' hours were demonstrated to correspond with observed erosion including removal of the LWD zone, resulting in decreased mass balance. Similarly, Fryberger and Dean's (1979) Drift Potential model was used to model accretion potential hours. Modelled accretion potential hours were also able to effectively describe conditions when actual accretion occurred. The presence of LWD in the backshore offered two functions to the above processes: it acted effectively as an 'accretion anchor', promoting increased mass balance and rebuilding of the incipient foredune; and, it offered a mass of sediment fronting the foredune to protect the beach-dune system from storm wave attack and subsequent erosion.

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My thesis is, without a question, the product of all these people, of all these conversations and all of their support. Thank you.

1 Introduction

Coastal dunes are dynamic features that store sediment delivered through aeolian (windblown) processes. This sediment store acts to moderate the erosive power of storm waves and high water events, thus buffering the shoreline against erosion and sea-level rise (SLR) (Davidson-Arnott, 2003). Studying the erosion and rebuilding of coastal dunes can provide insight into the vulnerability of these coastlines to SLR. Little is known about the morphodynamics of coastal dunes in high-energy, moist climate regimes of the northeast Pacific Ocean, particularly in western Canada.

Wind and wave dynamics acting on coastal dunes in western Canada are complicated by the presence of large woody debris (LWD) in the backshore. Large woody debris is a common component along coastlines of British Columbia and appears to act as an accretion anchor and as a means of promoting dune formation (Eamer and Walker, *in press*; Walker and Barrie, 2006). It also appears that LWD may catalyze dune development and, therefore, protect the foredune from the wave climate.

The wave climate is often overlooked in coastal dune research (Ruessink and Jeuken, 2002; Ruz and Meur-Ferec, 2003), despite being identified as the dominant agent of coastal change (Anthony and Orford, 2002). High water events and elevated wave run up remove sediment from the beach-dune system, which, in turn, moderates aeolian transport and sediment availability. As high

water events saturate the beach and backshore, sediment available for aeolian transport becomes limited. Thus, aeolian transport, and therefore dune evolution, are controlled, in part, by the frequency and magnitude of extreme water levels (Ruz and Meur-Ferec, 2003).

In Oregon, extreme water levels were responsible for increased wave runup and increased coastal erosion (Ruggiero et al., 2001). In California, 76% of all coastal property damage in the past 20 years has been caused by extreme storms (Allan and Komar, 2002). Along the eastern shores of Graham Island, Haida Gwaii, British Columbia extreme water levels have also been demonstrated to cause enhanced coastal erosion (Barrie and Conway, 2002).

Within the field of coastal dune research, the processes governing both coastal erosion and aeolian sediment transport have received ample attention. However, a current gap in this field is the interaction between erosion and accretion in the context of mass balance of the beach-dune system. Within the beach-dune systems in Haida Gwaii LWD appears to have a positive effect on mass balance. To address this gap, this thesis investigates beach-dune processes in Haida Gwaii, British Columbia providing insight into wave-induced erosion and subsequent aeolian rebuilding of the beach-dune system. Specifically, this thesis focuses on interaction between LWD and mass balance.

1.1 Research Purpose and Objectives

To date, investigations of beach-dune geomorphology have not fully explored the role of LWD for sediment storage and cycling. Similarly, investigations into the interactions between erosion and accretion cycles on beach-dune systems are rare. The purpose of this thesis was to investigate the role of LWD in both the erosion and rebuilding of beach-dune systems in Haida Gwaii. The research objectives were as follows:

1) Quantify inter-annual mass balance of sediment within the beach-dune system, using detailed repeat topographic surveys and three dimensional modelling;
2) Calculate the occurrence of wave runup hours exceeding the elevation of the beach-dune junction to define 'erosion potential' of the beach-dune system, using a wave runup model and total water levels;
3) Calculate potential aeolian sand transport to define 'accretion potential' of the beach-dune system using a conventional sediment transport model;
4) Use morphological evidence and mass balance fluctuations to examine the role of large woody debris in beach-dune dynamics.

In summary, this research was intended to provide new insight into the role of LWD for both: (1) storing aeolian sediments and thereby promoting stable settings for incipient dune growth; and, (2) protecting dune systems from the erosive effects of high water events and wave runup.

1.2 Thesis Outline

The structure of this thesis is as follows. Chapter 2 grounds this research context by reviewing relevant scholarship surrounding the processes of erosion and accretion in beach-dune settings. Chapter 3 describes the physical setting of northeastern Graham Island, Haida Gwaii, British Columbia, where the research was conducted. Chapter 4 presents the methods employed to accomplish the objectives stated in the previous section. Chapter 5 presents the results of erosion and accretion potential modelling. Chapter 6 provides a discussion of the erosion and accretion potential models along with the observed morphological changes and fluctuations in mass balance. The final chapter provides a summary and conclusions.

2 Research Context

The presence of large woody debris (LWD) in the backshore makes western Canadian beach-dune systems distinct. Large woody debris acts to: provide a barrier to saltating sediment; extract momentum from wind flow, promoting deposition; and, it provides a mass of sediment and wood fronting the foredune thereby acting to stabilize the beach-dune system (Walker and Barrie, 2006). In doing so LWD appears to facilitate development of the incipient foredune. This extra store of aeolian sediment within the LWD/incipient foredune may stabilize beach-dune systems and moderate the erosive effects sea level rise. The focus of this thesis is to investigate the processes of erosion and accretion in relation to large woody debris-laden beach-dune environments in Naikoon Provincial Park, Haida Gwaii, British Columbia (B.C.), Canada.

2.1 Controls on Beach-dune Sedimentary Dynamics

Beach-dune morphodynamics reflect the interactions between sediment dynamics and the wind, wave and tide climates (Carter, 1977; Hesp, 1999). The wave climate is an often overlooked component of beach-dune sedimentary dynamics (Ruessink and Jeuken, 2002; Ruz and Meur-Ferec, 2003). Waves have been identified as an important component of coastal beach-dune morphology (Anthony and Orford, 2002), providing two distinct functions: i) to erode sediment from the beach-dune system (large breaking waves); and, ii) to bring sediment into the beach-dune system, making it available for aeolian transport (low-energy waves) (Aagaard et *al*., 2003).

An additional important factor for coastal dune research is the tide range that acts to cyclically expose and submerge portions of the beach (Masselink and Short, 1993); effectively oscillating the vertical position of wave-induced (hydrodynamic) sedimentary processes (Masselink and Short, 1993). Tide range was first classified, in the context of coastal geomorphology, as either micro (< 2 m), meso (2-4 m) or macro tidal (> 6 m) environments (Davies, 1964). Given an adequate sediment supply and frequently competent onshore winds, macro-tidal beaches are optimal environments for sediment transport and dune development (King, 1972). In these macro-tidal environments both accretion and erosion are functions of sediment availability (Butt and Russell, 2000), as greater sediment volume offers greater buffering capacity against high water levels and storm wave attack.

2.2 Beach-Dune Erosion Processes

Erosion of the beach-dune system occurs when elevated water levels combine with onshore storm waves (Allan and Komar, 2002; Kirk et al., 2000; Ruggiero et al., 2001) to exceed the beach-dune junction elevation (Ruz and Meur-Ferec, 2004). Many authors have tried to characterize this process using total water levels, wave runup formulase or beach profiles, as reviewed below.

Total water level is the observed water level on the beach. It includes predicted tide and observed ocean surge. Ocean surge is a positive or negative deviation from predicted tidal elevation. During abnormally low atmospheric pressure, positive surges (above predicted tidal levels) are generated; similarly, negative

surges are generated during very high-pressure conditions. Thus, low-pressure storms may result in increased total water level, due to positive surge. Wave setup is the increase in water level inside the surfzone due to the transfer of wave energy as waves break on the beach. Wave runup in turn is the vertical extent of water level attained during wave up-rush. Collectively, these processes raise the elevation (vertical position) of storm wave attack, and increase the chance of wave runup exceeding the beach-dune junction threshold elevation.

High-magnitude events that result in beach-dune erosion typically require elevated total waver level and onshore wave attack that result in part from increased significant wave height (H_S) and wave period (T) (Aubie and Tastet, 2000; Zhang et al., 2001), although storm tide elevation has a greater influence on beach-dune erosion than does storm wave occurrence (Dean, 1991). It is the storm tide elevation that determines the vertical position of wave attack. For example, a 20% increase in storm tide elevation was demonstrated to produce a 60% increase in beach erosion (Steetzel, 1991). Elevated tides increase the vertical positions of wave runup, which increases the magnitude of erosion.

Wave runup models allow for transposing wave climate characteristics onto beach profiles, thereby modeling wave runup elevation and duration to describe the resultant beach-dune erosion. Holman (1986) suggested that wave runup could be predicted using deep-water H_S, T, and beach slope (β). His model combined wave characteristics with beach slope to model wave runup. This was

a valuable contribution in that it provided an opportunity to use both deep-water wave characteristics and beach morphology to predict wave runup and potential beach erosion.

Many empirical wave runup models have used H_s and T to investigate wave runup on beaches. For instance: Battjes (1974) used H_s and T together with a dimensionless constant for the prediction of maximum vertical runup elevation (R_{max}); Guza and Thornton (1982) used H_s to model significant vertical runup elevation (R_s); and, Holman (1986) used H_s and T combined with beach slope to predict maximum exceedence elevation $R_{2\%}$, as follows:

$$R_{2\%} = 0.27(ß\ H_s\ L_o)^{1/2} \quad (1)$$

Where beach slope (*ß in %*), significant deep-water wave height (H_s in m), and deep-water wavelength (L_o in m) were used to calculate the 2% exceedence elevation of wave runup ($R_{2\%}$ in m). Deep-water wave length (L_o) was derived from linear wave theory $(g/2\pi)T^2$, where T is significant deep-water wave period (seconds) (Allan and Komar, 2002; Ruggiero et al., 1997). Holman (1986) developed a robust approach that predicted only the most extreme wave runup events. In doing so, he developed a model that is considered a 'reasonable proxy' for coastal erosion (Kirk et al., 2000; Ruggiero et al., 2001).

Holman's (1986) model has since been used to effectively characterize wave runup and assess shoreline erosion in several environments (Kirk et al., 2000; Ruggiero et al., 2001). This model followed Wolman and Miller's (1960) principle

that low-frequency, high-magnitude events do most of the geomorphic work involved in coastal erosion.

Zhang et al. (2001) reviewed several models for coastal erosion and concluded that three factors appeared to define coastal erosion: 1) storm tide, (i.e., tide plus storm surge); 2) storm wave height; and, 3) duration of the storm. Their suggestion corroborated the conclusion of Short (1987) who believed that the elevation of onshore waves was critical in understanding the degree of change in the beach-dune system.

Ruz and Meur-Ferec (2004) assessed beach-dune erosion in a macro-tidal environment by combining changes in beach-dune volume with corresponding meteorological and water level conditions. Their work identified conditions when onshore wind events coincided with increased water levels to exceed the beach-dune junction elevation. The aforementioned approaches pioneered a long-needed merger between nearshore wave dynamics and beach-dune sedimentary dynamics.

Holman's (1986) model (equation 1) provides an opportunity to use nearshore wave dynamics to describe the process-response of beach-dune sedimentary dynamics. It appears to be flexible and very capable of modeling wave runup and exceedence of the beach-dune junction. It can be superimposed on total water level to account for tide and surge and has been successfully applied on both

low-gradient, dissipative beaches (Nielsen and Hanslow, 1991) along with steeper, intermediate beaches (Kirk et al., 2000; Ruggiero et al., 2001). It does not, however, consider the beach-dune response. The 'storm erosion potential index' (Zhang et al., 2001) is similar in that it determines when erosion could occur. Zhang et al. (2001) used hourly storm surge and storm tide measurement to determine erosive conditions but did not quantify beach-response or mass balance. Zhang et al. (2001) do, however, assert the importance of considering storm tides, storm waves and particularly duration of exposure when assessing beach-dune erosion.

Ruz and Meur-Ferec (2004) also acknowledged the importance of water levels as they combined water levels, meteorological conditions and changes in beach-dune volume to characterize coastal erosion. Although they were some of the first to apply this approach, missing was consideration of wave runup. As a result, their approach likely under-estimated water levels, in that consideration of wave runup would have increased the elevation of erosive water levels.

In summary, erosion of the beach-dune system typically occurs when high water levels are accompanied by onshore wind and wave energies for an extended duration. These conditions can be the result of increased astronomical surge, increased H_s, increased L_o or any combination of these. To quantify this process effectively Holman's (1986) $R_{2\%}$ was superimposed on hourly total water levels and then combined with hourly wind direction data to model conditions when: (1)

wind energy is directed onshore; (2) surge is generated; and, (3) wave runup exceeds the beach-dune junction elevation (6.5 m aCD). These combined conditions, in addition to the morphological response of the beach-dune system, were used to characterize this process-response mechanism.

2.3 Beach-Dune Accretion Processes

The study of aeolian geomorphology has been gaining interest since the 1930s when O'Brien and Rindlaub (1936) revealed a relationship between sediment transport and wind velocity during their work on the shores of the Columbia River. Following this, Bagnold's (1941) seminal work on the physics of aeolian sand transport and dune dynamics provided the impetus for process-oriented aeolian research. More recently, the focus has been on examining supply-limiting and transport-limiting factors.

2.3.1 Supply-Limiting and Transport-Limiting Factors

Sediment availability in beach-dune environments is influenced by a variety of factors, including: fetch, beach width, precipitation and moisture effects, wind speed, topographic steering, surface roughness and flow-form interactions. This section reviews these factors in terms of their significance to aeolian transport and dune formation in Haida Gwaii.

Fetch is described as the maximum extent of upwind distance required for fully developed saltation (Davidson-Arnott and Law, 1996; Hesp et al., 2003; Nordstrom and Jackson, 1992; Nordstrom and Jackson, 1993; Walker et al.,

2003). It is based on incident angle of the wind, such that as winds shift alongshore (i.e., between 30°- 60°), becoming more shore parallel, saltation increases due to expansion of the source area (Bauer and Davidson-Arnott, 2002; Bauer et al., 2008). The source area in turn expands as the beach width and length increase. Therefore, fetch is not only a supply-limiting factor but is also affected by both beach width and length.

Beach width and length affect sand supply to beach-dune systems in two ways: 1) it determines source area and the transport threshold via the effective fetch, for a given wind speed; and, 2) depending on the thickness of sediment above the water table, it determines the volume of available sediment for aeolian transport (Davidson-Arnott and Law, 1996). Thus, beach width and length are also supply-limiting factor.

Precipitation has also largely been considered an important supply-limiting factor in aeolian sediment transport (Arens, 1996b; Chepil, 1956; Hotta et al., 1984; McKenna Neuman, 1989; McKenna Neuman and Langston, 2003; Namikas and Sherman, 1995). The effects of precipitation range widely between environments. For example, Sarre (1989) remarked that it was rare for transport to occur during precipitation except during gusts. However, Kuhlman (1958) believed transport would initiate during light rainfall, above 15 m s^{-1}. Jungerius and Wiggers (1981) and Draga (1983) observed that transport was possible during precipitation.

Similarly, Wiggs et al. (2004) indicated that some systems shifted between wind speed-dominated and moisture-dominated states.

Wind speeds above some transport threshold, typically 6 m s^{-1}, for dry conditions, are capable of entraining sand in beach-dune systems (Dong et al., 2004). As wind speed increases then, so too does the potential for sediment transport, moisture permitting. Sediment transport, however, also increases substantially as winds shift alongshore and become oblique to the dune crest, thereby increasing fetch and source area.

Oblique, onshore, winds (between 30°- 60°) tend to be deflected crest normal via topographic forcing and steering (Arens et al., 1995; Jackson, 1977; Rasmussen, 1989; Svasek and Terwindt, 1974; Walker et al., 2003). As oblique flow approaches the foredune toe the pressure field increases due to flow stagnation, decreasing the wind speed and shear stress, and thereby increasing sediment deposition due to deceleration (Bullard et al., 2000; Walker et al., 2003). The process is accentuated when LWD density is high, resulting in an increased momentum sink exerted by increased surface roughness (Walker et al., 2003).

Surface roughness can be described as anything that protrudes into the boundary layer, including changes in topography, vegetation, and LWD that may alter the boundary layer. Recurring patterns of aeolian landforms suggest that surface roughness results in flow-form interactions (Arens, 1996a; van der Wal,

1998). These interactions are important yet poorly understood, processes, particularly regarding how dune topography, LWD and the sediment budget interact to form incipient foredunes (Walker et al., 2003).

Incipient dunes form in beach-dune settings primarily as a result of flow-field alteration (Chepil, 1951). Flow-field alteration, in turn, is typically in response to vegetation (Hesp et al., 2003; Hesp, 1989) and topography (Walker et al., 2006). In coastal environments, with abundant LWD, onshore (and along shore) winds, promote deposition as a result of airflow separation and deceleration (Hesp, 1981; 1983; 2002; Walker et al., 2003). Along beaches in Haida Gwaii, incipient dunes appear to form in response to flow-form interactions with LWD in the backshore.

Over the past century, industrial logging in western Canada has resulted in fugitive LWD on beaches of British Columbia. In Haida Gwaii, storms rework and deposit LWD in the backshore (Walker and Barrie, 2006), which serves three functions in these beach-dune systems: 1) ‘accretion anchor’ for aeolian sands; 2) a nucleus for incipient dune formation; and, 3) a dam to river discharge and/or preservation mechanism for backshore swales. In terms of the role of LWD in aeolian processes (i.e., 1 and 2), LWD produces an increased roughness that extracts momentum from airflow, promotes sand deposition, and initiates dune growth (Eamer and Walker, *in press*).

2.3.2 Regional Sand Drift Potential (Fryberger and Dean 1979)

The Fryberger and Dean (1979) sediment drift potential model was developed to relate desert dune morphology to the regional wind regime. It uses standard meteorological data to model sediment transport and to calculate drift potential (DP) vector units. This model is solely dependent on wind speed, a transport threshold value, and duration. It does not take into account fetch, moisture or vegetation. Recognizing the constraints of Fryberger and Dean's (1979) model, Bullard (1997) tested a method to convert their annual DP into $m^3\ m^{-1}\ year^{-1}$. She found that U_{10} expressed in $m\ s^{-1}$ had a linear relationship to Fryberger and Dean's DP vector unit.

3 Physical Setting

Haida Gwaii is located 80 km west of Prince Rupert, along the north coast of mainland B.C. The study site was located in Naikoon Provincial Park along the northeastern coast of Graham Island (54^{o} N, 132^{o} W, Figure 3.1). The coastline of Naikoon Provincial Park is one of Canada's most sensitive coastlines to climate change and SLR, largely due to high-energy wind and wave climates coupled with a highly erosive shoreline (Shaw et al., 1998; Walker and Barrie, 2006).

Prograding foredunes have formed along the north coast while eroding foredunes punctuate the east coast (Figure 3.2). Common to both coasts is fugitive LWD produced largely by coastal logging, which is believed to affect backshore sediment budgets and beach-dune morphodynamics (Walker and Barrie, 2006; Eamer and Walker, in press). This fugitive LWD acts as a momentum sink to the aeolian sediment transport process by disrupting the overlying airflow. This results in deposition of entrained sediment, which promotes infilling with sand and buffering the foredune systems against high-energy storms (Walker and Barrie, 2006).

Naikoon Provincial Park exists on a plain of unconsolidated Quaternary sediments composed of outwash sands and gravels with discrete sections of glacio-marine clays (Clague et al., 1982; Wolfe et al., 2008). Mean sea level in this region has fluctuated between -150 m ca. 19 cal ka BP and +16 m ca. 10 cal ka BP (Wolfe et al., 2008). Relict beach ridges demarcate the north coast with discontinuous bluffs and foredune systems along the east coast (Figure 3.2).

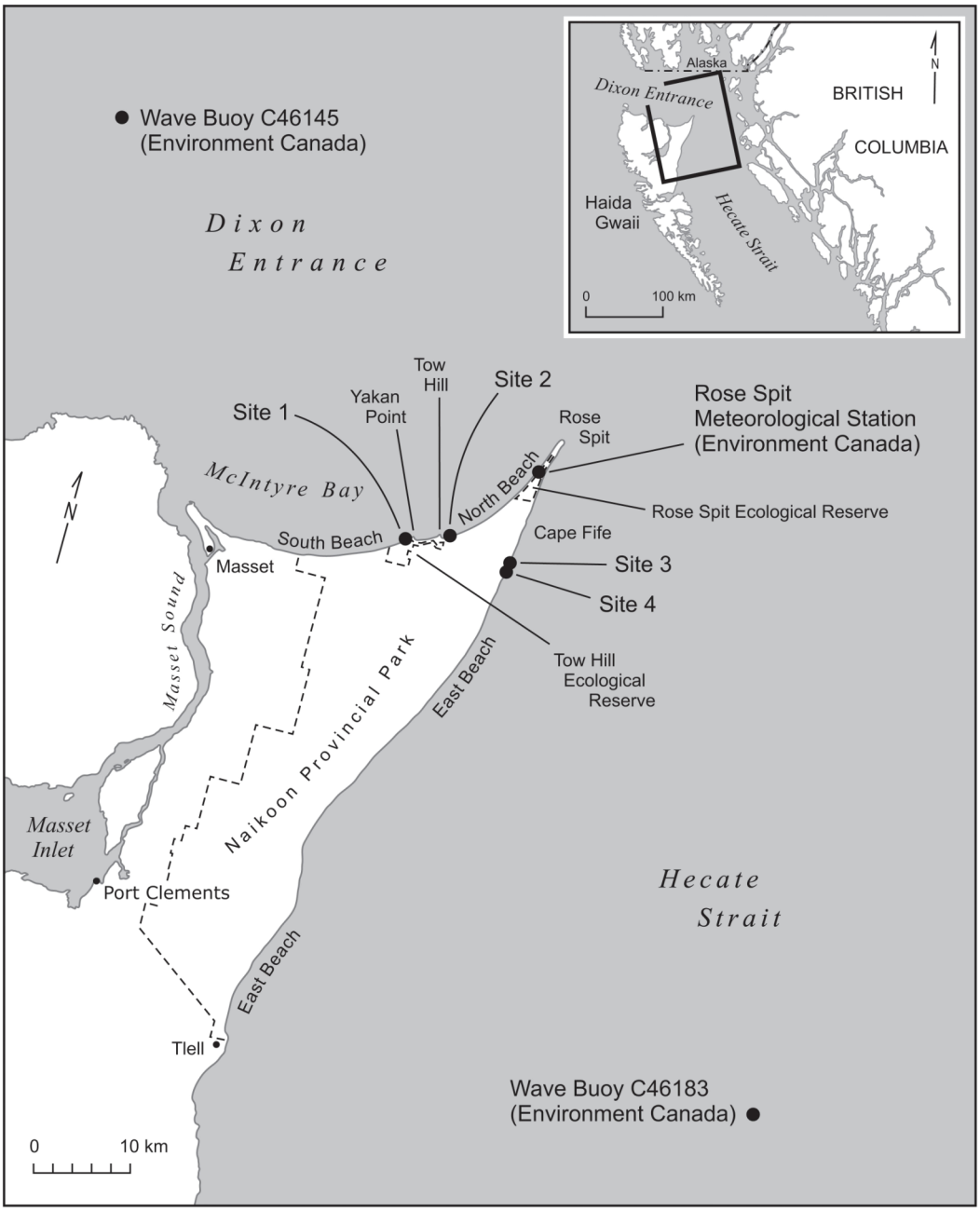

Figure 3.1. Haida Gwaii is located approximately 80 km west of Prince Rupert, British Columbia. Figure shows sites 1 and 2 along the north coast and sites 3 and 4 along the east coast of Graham Island. Data from Environment Canada wave buoy C46145 were used to describe wave conditions for the north coast and similarly data from Environment Canada wave buoy C46183 were used to model wave conditions for the east coast.

Four study sites were selected. Sites 1 and 2 were located on north coast and Sites 3 and 4 were located on east coast (Figure 3.1). Two sites were established to investigate beach-dune morphodynamics on the ultra-dissipative, prograding north coast and two sites were established to investigate beach-dune morphodynamics on the intermediate, eroding east coast.

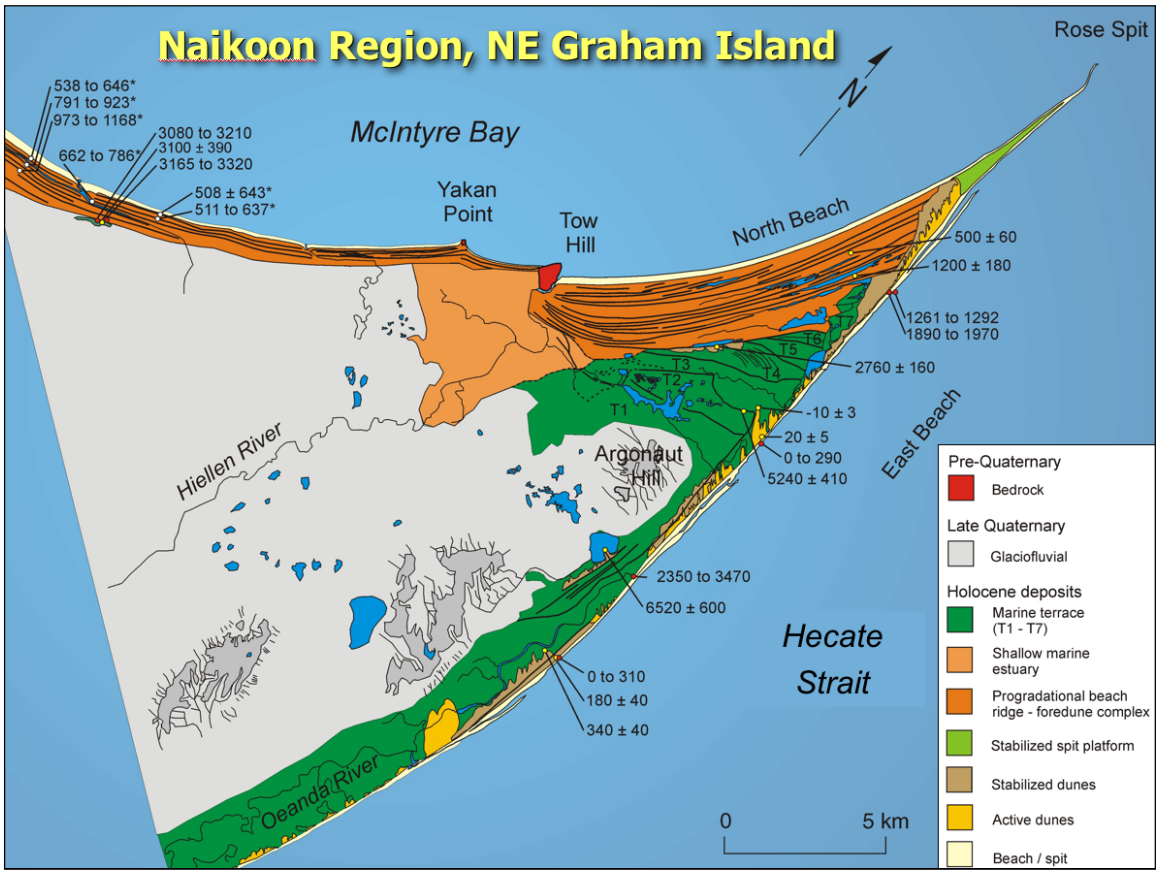

Figure 3.2. Naikoon Peninsula, northeastern corner of Graham Island, Haida Gwaii. This figure presents the paleo-geomorphic features throughout the Naikoon Region. This figure identifies the pro-gradational history of the north coast with relic dunes dating between 500 and 1200 years old. In addition to this, the significant marine terrace along the east coast is highlighted along with active and stabilized dune systems. Image provided by I.J. Walker.

3.1 Sites 1 and 2: North Coast

The north coast consists of relic foredune and beach ridges fronted by modern established foredunes (Figure 3.2). These dunes are stabilized by dense stands of *Picea sitchensis* (Sitka Spruce) (Figure 3.3) and fronted by low-gradient, ultra-dissipative, beaches extending 100s of metres into Dixon Entrance. Sediment is well-sorted, medium to fine-grain sand (Zantvoort, 2008). During storm activity sediment is delivered through the littoral system to the north coast, from the east coast (Amos et al., 1995). Conversely, a counter clockwise gyre (Rose Gyre) in Dixon Entrance acts to cycle sediment in the littoral zone east towards Rose Spit (Amos et al. 1995).

Wind speed statistics from the Environment Canada Rose Spit Meteorological Station suggest bi-modal winds, originating predominantly from the south to southeast between October and March; shifting to the west-northwest from April to September. Annual average windspeed at 10 metres (U_{10}) is 8.5 m s^{-1} with an increased winter (October to March) average of 10.4 m s^{-1}. Regular storm winds reach 18 m s^{-1} (65 km hr^{-1}) and occur in most months of the year, with peak winds reaching 44 - 58 m s^{-1} (160 – 210 km hr^{-1}) (Pearce, 2005). Wave statistics from Environment Canada Ocean Buoy C45146 suggest annual average H_s is 2.1 m aCD with a winter average H_s exceeding 4 m aCD, and maximum monthly average H_s reaching 11.3 m aCD, recorded for October. The dominant wave direction reported at the buoy is southwest with 60% of all waves falling between southwest and northwest (Plansearch, 1993).

Site 1 is located on South Beach, approximately 2.5 km to the west of Yakun Point (west of Tow Hill) and a half kilometre to the east of White Creek (Figure 3.2). It had a shore-normal aspect of 300°. A spruce forest, 50 m landward of the foredune, blankets a relict beach ridge. At low tide, this site has a beach width of 250 m. This site was chosen to represent a prograding foredune system with a LWD zone exposed to west-northwest wind and wave regimes.

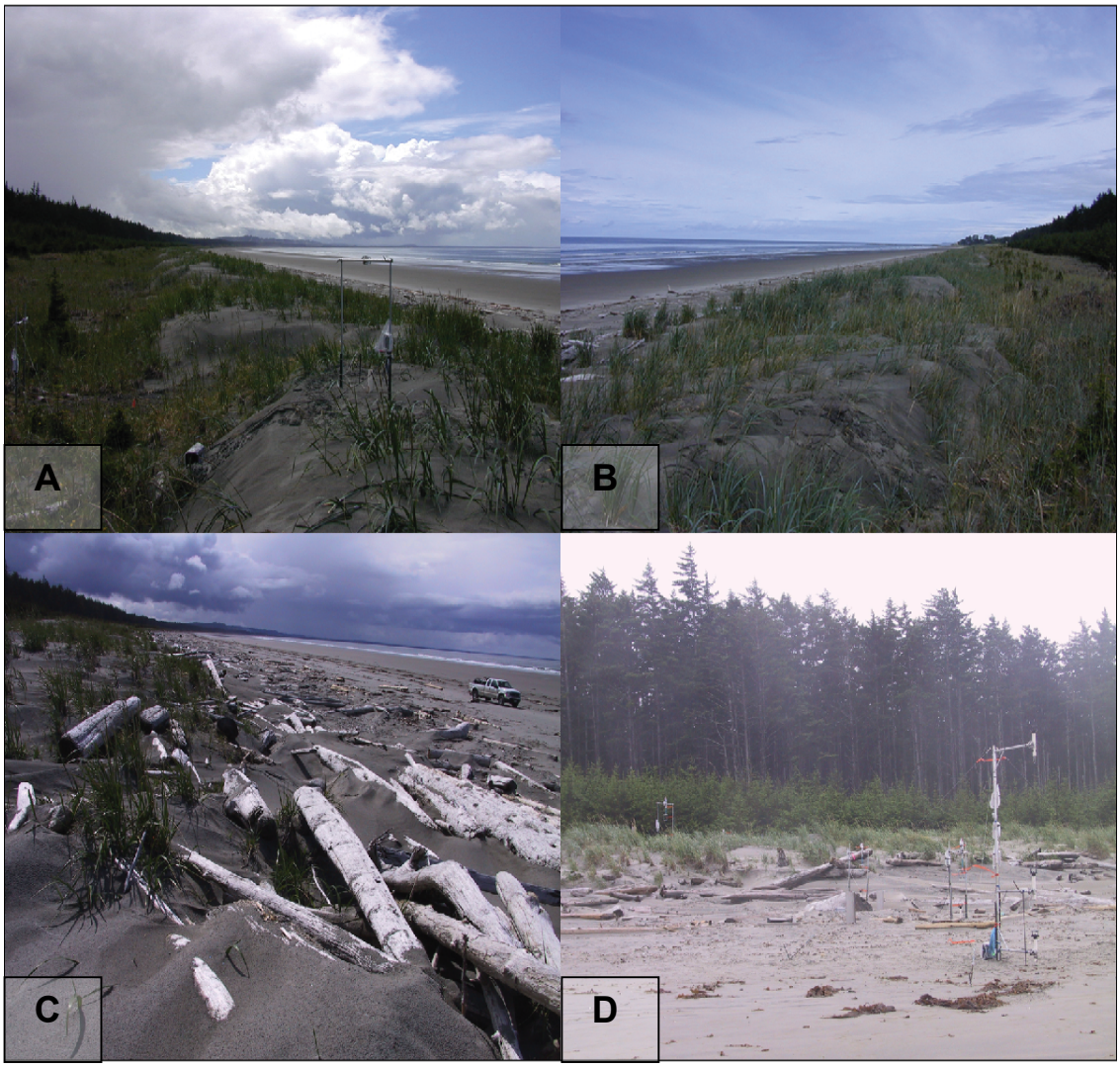

Figure 3.3. Site 1 (South Beach), northeastern Graham Island, Haida Gwaii, British Columbia. (A) Site 1 facing west with foredune in foreground; (B) Site 1 facing east with foredune in foreground; (C) Site 1 with LWD zone in foreground; (D) Site 1 facing southwest with view of transition from beach to LWD zone.

Site 2 is located on North Beach, approximately 10 km to the west of Rose Spit and a half kilometre to the east of Tow Hill (Figure 3.2). This site has a northwestern aspect (315^{o}) and, at low tide, had a beach width of ~400 m. This site was also chosen to represent a prograding foredune system with a LWD zone exposed to west-northwest wind and wave regimes.

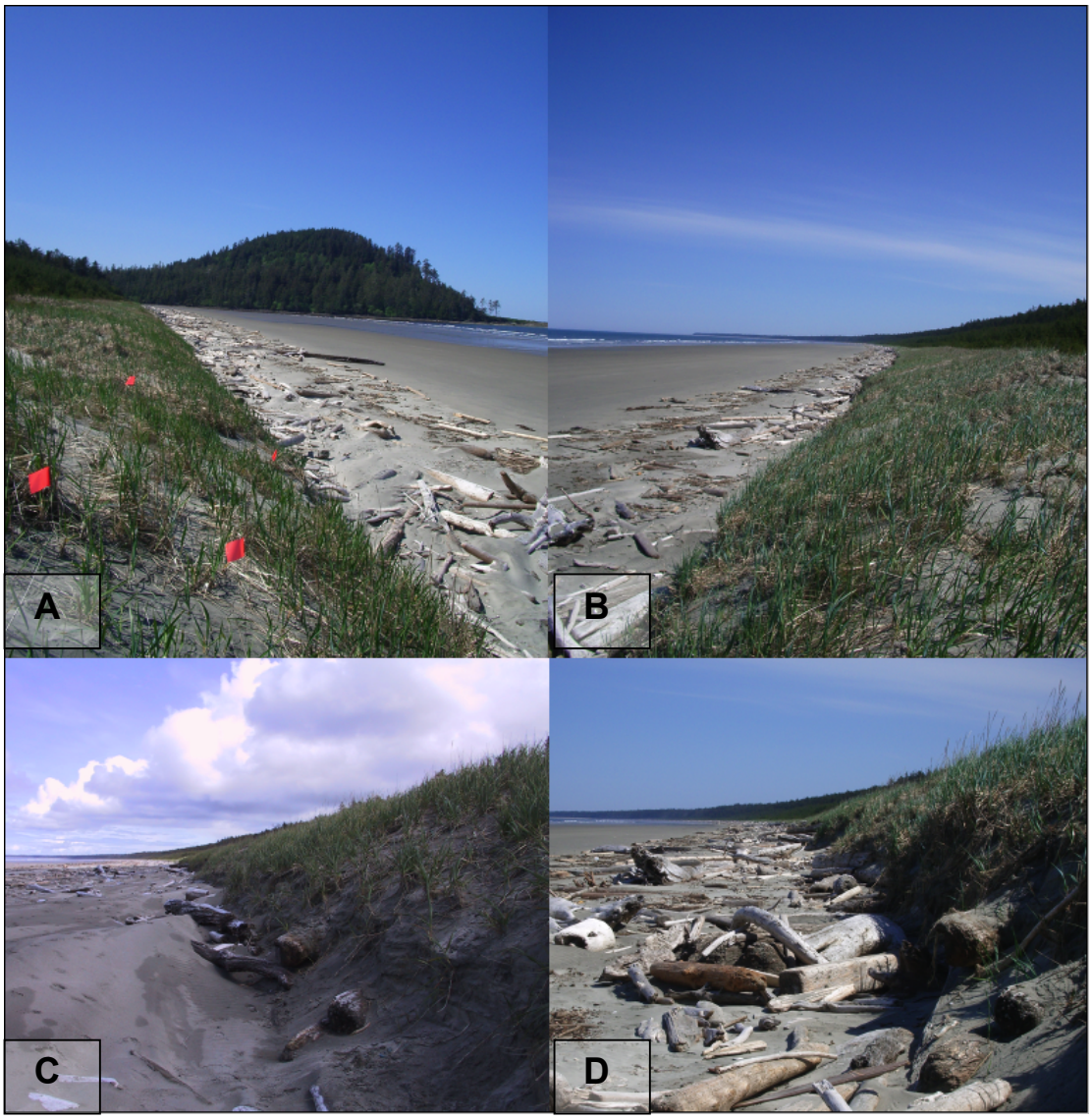

Figure 3.4. Site 2 (North Beach), northeastern Graham Island, Haida Gwaii, British Columbia. (A) Site 2 facing west with foredune in foreground; (B) Site 1 facing east with foredune in foreground; (C) Site 1 with LWD zone in foreground; and (D) Site 2 showing wave-scarped LWD zone with LWD present.

3.2 Sites 3 and 4: East Coast

The east coast systems host large (5-10 m) foredunes, active transgressive and parabolic dune systems with discontinuous erosional bluffs (Figure 3.2). Persistent southeast winds that coincide with southeast waves result in onshore wave attack that erodes these bluffs and transports the eroded sediment into the littoral zone. Sediment eroded from the bluffs form shore-attached, nearshore bars that, eventually, supply sediment to the beach-dune systems down drift (Amos et al., 1995) (Figure 3.2).

Sediments on the east coast are fine to medium grained sand (Zantvoort, 2008) and supplied to this coast through the littoral system via longshore drift, from bluff systems to the south (Amos et al. 1995). A clockwise gyre south of Cape Ball cycles sediment north along the east coast towards Rose Spit (Amos et al., 1995).

Wave conditions reported by Environment Canada's Ocean Buoy C46183 in Hecate Strait suggest annual average H_s is 1.8 m aCD with a winter average reaching 2.2 m aCD and maximum monthly average H_s reaching 14.3 m aCD, recorded for December (Plansearch, 1993). Low-frequency, high-magnitude H_s predominate from the southeast along the east coast during the winter.

East Beach is a multiple barred, intermediate beach with well-developed nearshore bars visible at mid to low tides (Zantvoort, 2008). Welding of

nearshore bars was suggested as a main source of sediment feeding the beach-dune systems on the east coast (Walker and Barrie 2006; Zantvoort, 2008).

Site 3, referred to as Kumara Beach, is located on the seaward margin of a large active, transgressive dune field (Figure 3.5). It has a shore-normal aspect of 100^{o}. The site consists of a vegetated foredune with a fully developed incipient dune and extensive LWD zone (Figure 3.5). Several blowouts incise the foredune, which serve to cycle sediment from the backshore into the landward foredune plain (Anderson and Walker, 2006). Persistent southeast winds in concert with periodic storm wave attack rework or, even, remove (erode) the LWD zone from the beach-dune system.

Site 4, referred to as Lumme Beach, is located on the seaward margin of a large, active, transgressive dune field containing an active parabolic dune 300 m inland (Figure 3.6). It has a shore-normal aspect of 103^{o}. The site is fronted by a vegetated foredune with a fully developed incipient foredune and LWD zone (Figure 3.6). The upper beach contains a stabilized LWD zone that stretches seaward 40 m from the toe of the incipient dune (Figure 3.6). This form is likely present due to the moderating effect of nearshore bars on breaking and shoaling waves, and the presence of a renewing sediment supply from intertidal bars for aeolian sediment transport. The main difference between the two east coast sites is that Site 4 has a smaller foredune and much more advanced bar system fronting it.

Figure 3.5. Site 3 (Kumara Beach) located along East Beach, northeastern Graham Island, Haida Gwaii. (A) February 2005, facing north, showing complete removal of LWD following wave-scarping event; (B) May 2005, facing north, showing rebuilt LWD zone; (C) February 2004, facing south, showing extensive LWD zone.

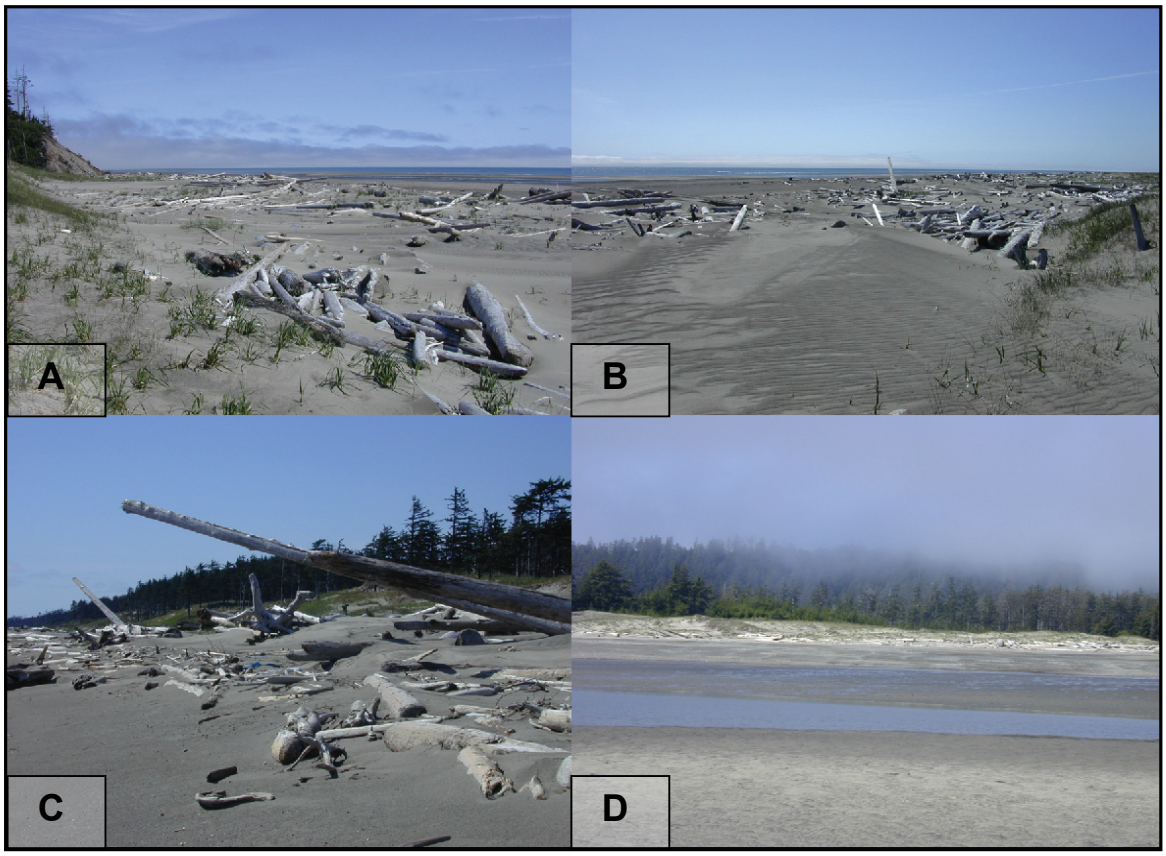

Figure 3.6. Site 4 (Lumme Beach), northeastern Graham Island, Haida Gwaii, British Columbia. (A) Site 4 facing north with foredune in foreground; (B) Site 4 facing southeast with LWD zone in foreground; (C) Site 4 with LWD zone in foreground; (D) Site 4 facing west showing welded nearshore bar foredune with beach-dune system in background.

4 Research Methods

This study was based on two years of detailed, repeat topographic surveys measured seasonally to produce Digital Elevation Models (DEMs) at each study site. Wind and wave data were then used to model erosion and accretion potential hours for the beach-dune systems at each study site.

Erosion potential was determined using Holman's (1986) wave runup model superimposed on total water levels. In this context, erosion potential hours were defined as onshore wind and wave energy that produce wave runup that exceed the beach-dune junction elevation. The morphological response and mass balance calculations of the beach-dune system are used to validate the results of the erosion potential model.

Accretion potential was calculated using Fryberger and Dean's (1979) DP model with Bullard's (1997) conversion to volume. Accretion potential hours were defined by filtering data for conditions when: winds were above a transport threshold, no precipitation occurred and winds were directed onshore. The morphological response and mass balance calculations of the beach-dune system was used to validate the results of the accretion potential model.

4.1 Topographic Surveys and Digital Elevation Models (DEMs*)*

Series of high resolution, repeat, topographic surveys were conducted at four sites, in February, May, and July 2004, and then again in February and June

2005. These surveys provided one complete year of morphological change for winter and summer beach-dune profiles, on both ultra-dissipative (North Coast) and intermediate (East Coast) beach types.

Each of the four study sites had a fixed benchmark consisting of metal rebar installed 1 m into the dune surface located landward of the foredune crest (Table 4.1). Each survey of the beach-dune systems was conducted with a laser theodolite (Topcon GTS-210) and referenced to the fixed site benchmark. Site benchmarks were then geo-referenced using Real Time Kinematic (RTK) Differential GPS. This geo-referencing procedure was part of a collaborative project with the Geologic Survey of Canada (GSC) (Walker et al., 2007). This larger project established a network of reference benchmarks along the north coast of Naikoon Provincial Park.

To establish each reference benchmark, an RTK Differential GPS and base station was set up on an existing GSC or Hydrographic Survey of Canada benchmark. A 24-hour occupation was established on the existing benchmark then, using the RTK GPS, a network of new GSC benchmarks was surveyed. The coordinate datum used was WGS84. Based on the reference benchmark coordinates the GSC applied a vertical correction for ellipsoidal variation (curvature of the earth) between benchmarks. The vertical correction was +/- 5 cm. Each site benchmark (rebar landward of the foredune crest) was then

corrected by using the vertical correction factor (+/- 5 cm) from the nearest GSC reference benchmark (usually within 2 km).

The east coast sites (Site 3 and 4) were approximately 8-10 km from the nearest GSC reference benchmark (24-hour occupation) at Rose Spit. As a result of this, the RTK radio signal, between the base station at Rose Spit, and rover at Site 3 and 4 was very weak. It is suggested that 10 km is the maximum distance for the RTK rover to communicate with the base station. Using a weak radio signal translates into inaccuracies in the vertical position. That said, the benchmarks at Sites 3 and 4 have a potential vertical error of +/- 10 cm (Manson *personal communication*, 2004). A vertical error of 10 cm would translate into an estimated volume error of +/- 12.5 m^3 m^{-1} at Site 3 and Site 4, as each site is 125 m long.

Each study site was surveyed in the field with a laser theodolite using a grid approach, which contained primary and secondary lines at right angles to one another. To do this, a series of straight lines were surveyed, perpendicular to the foredune crest alignment, from the site benchmark seaward (primary lines). They stretched over the foredune, across the beach and as far down the beach face as possible, often extending into the water and below MSL. Additionally, a secondary series of grid lines were surveyed parallel to the foredune alignment, or at right angles to the primary lines. These lines were surveyed across the width of the study site and spaced two metres apart. Therefore within the foredune and LWD zone secondary lines were spaced every 2 m along the

primary lines. From the beach-dune junction elevation seaward the spacing of the secondary lines was every 50 m, as the upper and lower beach face maintained a very flat and consistent surface. Each subsequent survey used the exact primary and secondary grid line locations.

The spacing of primary lines varied between study sites. For example, primary lines at sites 1 and 2 were spaced 5 m apart; whereas Site 3 were spaced 50 m and Site 4 were spaced 15 m apart. The spacing of secondary lines was consistent throughout all sites. The spacing of primary lines was meant to reflect an appropriate degree of beach-dune variation (morphology). As the east coast dune system was much larger, and more spatially variable, it was necessary to increase the area surveyed to ensure the site was representative of average beach morphology. To accomplish this, the primary lines were spaced out to the point that they were able to spatially represent the morphological variation. It was for this reason that the secondary lines were surveyed, so as to provide additional morphological information between primary lines for development of the DEM, and accurate volume calculations.

The vertical and horizontal precision of the Topcon is within millimetres, however, the surface of the beach-dune system did not allow this level of precision, as the pogo would sink into the soft, sand surface. Empirical observations suggest that the accuracy of the field surveys were +/- 2 cm. This would then translate into a volumetric error estimate of +/- 30 m^3 $survey^{-1}$ or for Sites 1 and 2, +/- 600 m^3 $survey^{-1}$ for Site 3 and, +/- 150 m^3 $survey^{-1}$ for Site 4. However, when normalized

by beach width (m^3 m^{-1}), to standardize the error between sites, the survey error is then comparable between all sites.

Digital elevation models (DEMs) for each study site were processed using a three-dimensional software package called SurferTM (Version 8.0). This package handled spatial data (x,y,z) and applied an interpolation between field measurements in order to produce a surface for each study site. The inverse distance to neighbour interpolation method was chosen after an assessment of many available interpolation methods. This was accomplished by comparing observed morphology of DEM outputs to site morphology as captured by onsite photographs and personal observations.

Grid cells for the interpolation of the DEMs were set at 1.5 m^2 for sites on the north coast and 5 m^2 for sites on the east coast. This difference was to represent smaller, more consistent morphology along the north coast (1.5 m^2) and larger, more variable morphology along the east coast (5 m^2). Therefore, with 1.5 m^2 grid cells for north coast sites, there were, approximately, three interpolated cells between primary lines and, when considering both primary and secondary lines, each interpolated grid cell had a minimum of two data points within it. Given that the north coast had smaller, more consistent beach-dune morphology, it is suggested that this line spacing, and therefore data density, would accurately represent the beach-dune volume along the north coast.

On the east coast, spacing between primary lines was 50 m at Site 3 and 15 m at Site 4. By having 50 m spacing on the primary lines at Site 3 meant that there were ten interpolated grid cells between primary lines. However, each interpolated grid cell had a minimum of three data points, when considering both primary and secondary lines. Site 4, arguably the most variable, had a minimum of four data points per grid cell. Therefore, considering that even though the east coast sites had larger, more morphologically complex dune systems, it is suggested that the increased data density within interpolated grid cell would accurately represent the beach-dune volume along the east coast.

Using Surfer, each study site was subdivided into three distinct geomorphic units (foredune, LWD zone and beach), using the 'slice' function (Figure 4.1). Intersections between geomorphic units reflected field observations of the morphological boundary between these units. The beach unit began at MSL (3.74 m aCD) and ascended to the beach-dune junction elevation. The LWD zone began at the beach-dune junction elevation and ascended to the foredune toe. The foredune was from that point landward to the benchmark. By subdividing the beach-dune system into these geomorphic units, a volumetric assessment of erosion and accretion of individual units was possible.

Volumes for the geomorphic units (DEMs) were calculated using cut and fill functions in Surfer software (Vers. 8.0). Mean sea level (MSL, 3.74 m aCD) was used as the baseline datum for volume calculations. Volumes for each geomorphic unit, for each seasonal survey, were calculated and entered into

Microsoft Excel. In total, four volumes were calculated for each DEM, from each site survey. These volumes included the: (1) entire beach-dune system; (2) foredune; (3) LWD zone; and, (4) beach units.

To enable comparison between sites, volume calculations were normalized by beach width at each site (m^3 m^{-1}). To accomplish this, the volume of each geomorphic unit was calculated by Surfer and then divided by the width of that unit. The error reported for each geomorphic unit within each site also varied as the area of each geomorphic unit varied. Error generated from calculating the volume, as derived from the DEM, is estimated to be +/- 5 cm. This error, combined with 2 cm survey error, results in a total possible error of +/- 7 cm. Calculated error for each site is presented in Table 4.2. In this table, error is reported as total error for the survey (7 cm x area, in m^3) as well as error per metre beach width (7 cm x area / site width, in m^3 m^{-1}). Therefore, the error reported in Table 4.2 is volume per metre beach width (m^3 m^{-1}). If the volume per metre width (m^3 m^{-1}) is divided by the duration of the survey (e.g., 4 months) then the error becomes volume per metre beach width per month (+/- 0.7 m^3 m^{-1} $month^{-1}$). Throughout section 5 the error is reported as +/- 'x' m^3 m^{-1} $month^{-1}$. When reported like this, the error from Table 4.2 has been divided by the duration of the survey period (months).

Table 4.1. Benchmark UTM coordinates for each study site on northeastern Graham Island, Haida Gwaii.

Site	UTM Zone	Easting	Northing	Elevation (m aCD)
1 BM	9U	313815.00	5994485.00	9.61*
2 BM	9U	318198.34	5995743.68	9.46*
3 BM	9U	324779.00	5994272.00	19.08*
4 BM	9U	324552.00	5993134.00	11.58*

* measurement to top surface of rebar benchmark

Table 4.2. Error reported for the surveying and interpolation of the DEM for of each geomorphic unit, for each site on Graham Island, Haida Gwaii. Total error was 7 cm, which included 2 cm survey error and 5 cm DEM interpolation error. The value reported in m^3 represents the volume of 7 cm spread over the area of that unit. The error reported as $m^3\ m^{-1}$ represents the error of that geomorphic unit per metre site width.

		Entire Site			Foredune			LWD			Beach		
Site	Dimensions	Area (m^2)	Error (m^3)	Error ($m^3\ m^{-1}$)	Area (m^2)	Error (m^3)	Error ($m^3\ m^{-1}$)	Area (m^2)	Error (m^3)	Error ($m^3\ m^{-1}$)	Area (m^2)	Error (m^3)	Error ($m^3\ m^{-1}$)
1	15 m x 100 m	1,500	105	$^+$/- 7.0	750	52	$^+$/- 3.5	180	31	$^+$/- 2.1	570	40	$^+$/- 2.7
2	15 m x 100 m	1,500	105	$^+$/- 7.0	450	32	$^+$/- 2.1	180	31	$^+$/- 2.1	870	61	$^+$/- 4.1
3	300 x 125 m	37,500	2,625	$^+$/- 8.8	24,600	1,722	$^+$/- 5.8	8,400	588	$^+$/- 2.0	4,500	315	$^+$/- 1.1
4	75 m x 125 m	9,375	656	$^+$/- 8.8	1,500	105	$^+$/- 1.4	4,125	289	$^+$/- 3.9	3,750	263	$^+$/- 3.5

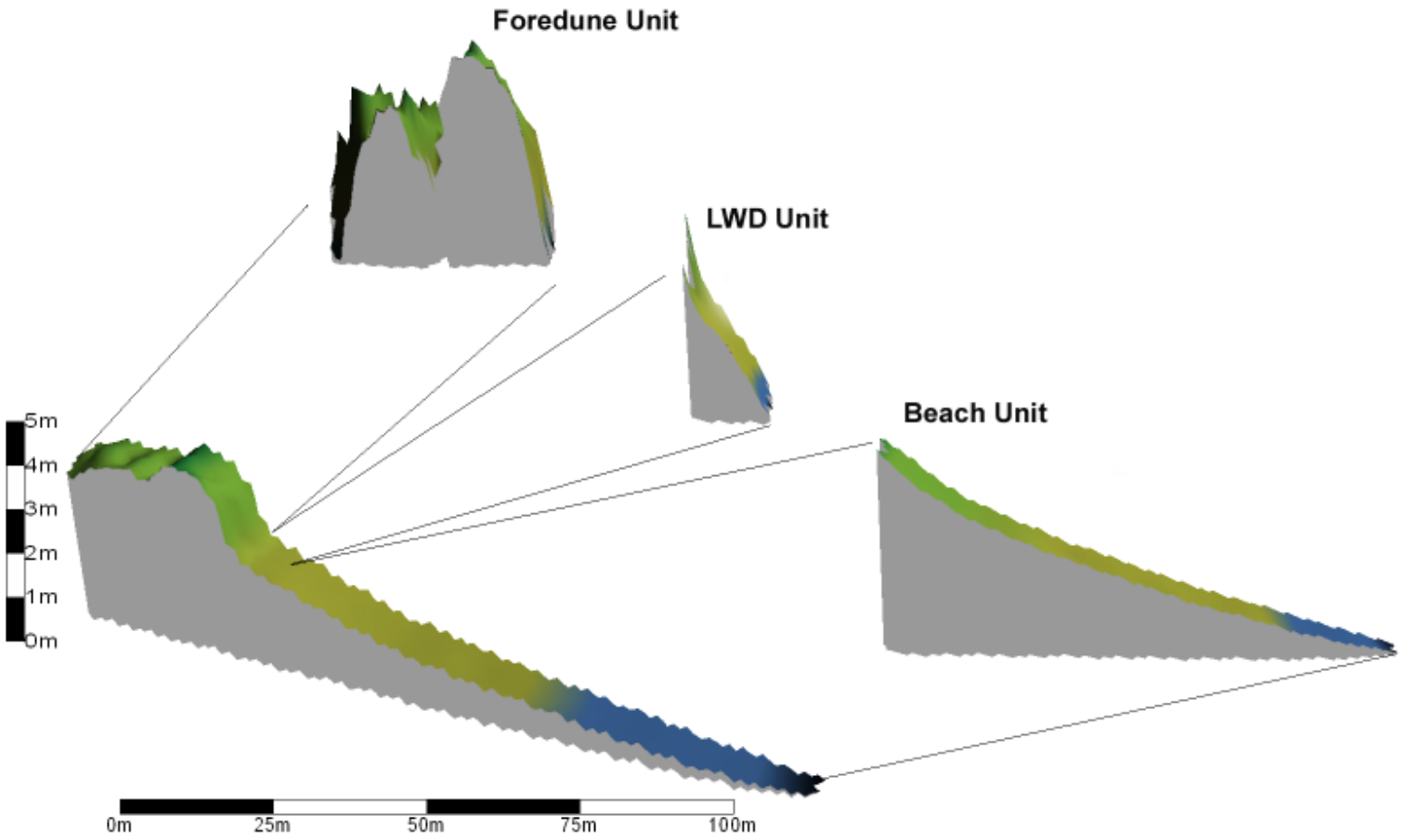

Figure 4.1. Schematic of geomorphic units from beach-dune DEM. Vertical scale is metres above chart datum and horizontal scale is metres from survey benchmark.

4.2 Mean Sea Level and Ocean Surge

To incorporate the influences of total modelled water level, including ocean surge and wave runup, on beach-dune morphological responses, it was first necessary to reference both water levels and beach-dune profiles to the same datum. To develop this link MSL (3.74 m aCD) was chosen as the datum.

During establishment of the reference benchmark network the GSC deployed a tide gauge for four months. From these data they established Mean Masset Sea Level Vertical Datum (MMSLVD) to be 3.74 m aCD. The MMSLVD datum connected the reference benchmark network, and therefore the four study sites, to MSL and chart datum (CD) (Figure 4.2). By adjusting the MMSLVD to MSL, as defined by the Canadian Hydrographic tide gauge network, the study site benchmarks were referenced to MLS, which allowed for consideration of water levels and wave runup as functions of beach-dune morphological response. During each beach-dune survey the water level itself was also surveyed and the time of day recorded to validate total water level.

While investigating water level data from the Prince Rupert tide station, Abeysirigunawardena and Walker (2008) suggested that this data set represented the region well, as it is a deep-water station and does not reflect the shallow water processes observed in the Queen Charlotte City tide station.

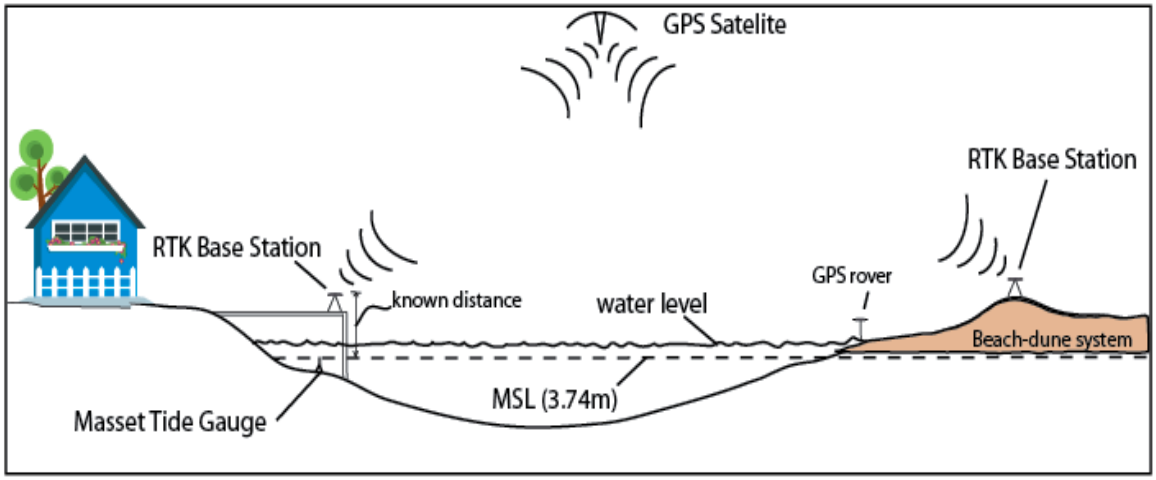

Figure 4.2. Schematic of survey design showing how elevation differences between the tide gauge, MSL, observed water level and beach-dune survey data. The tide gauge used to establish MSL locally was surveyed with the RTK, which provided a link between beach-dune system and MSL.

Surge was calculated from the Prince Rupert tide station, as the residual water level above or below the predicted tide level. Tidal amplitude at Rose Spit was determined to be 85% of that observed at the Prince Rupert tide station with a tidal delay of nine minutes (Ballantyne, 2004). This correction for tidal amplitude was applied to the observed water levels from Prince Rupert tide station to create a time series of total water levels corrected for amplitude and delay at Rose Spit. It is assumed that the tidal delay between Rose Spit and each study site is negligible given the hourly resolution of the water level data. As the water level data set was referenced to CD, it was compatible with the wave buoy data and with the reference benchmark network, which was geo-referenced to the MMSLVD. This allowed for vertically accurate comparisons between total water levels and beach-dune morphological response. To further account for wave dynamics and their interaction with beach-dune morphodynamics, wave runup calculations were superimposed on total water levels.

4.3 Beach-Dune Erosion Potential

Several runup and setup equations were considered for the development of an erosion potential model. Holman's (1986) equation was selected to model the wave runup component. There were several reasons for this selection:

(1) Holman (1986) and Ruggiero et al. (1997) each employed this equation on dissipative beaches along Pacific coastlines, each commenting that it effectively quantified wave runup;

(2) Nielsen and Hanslow (1991) offered that the vertical scale of runup on dissipative beaches scaled directly with $(H_oL_o)^{0.5}$, which are significant components of Holman's equation (and data were readily available);

(3) Ruggiero et al. (2001) also suggested that Holman's equation was an acceptable approach to determine extreme runup values during major storms;

(4) Ruggiero et al. (2001) further commented that wave runup maxima ($R_{2\%}$) were a reasonable proxy for erosion potential; and,

(5) Kirk et al. (2000) demonstrated the versatility of Holman's equation by modelling cliff erosion through storm wave impact hours.

For these reasons Holman's equation was deemed both appropriate and effective for modelling wave runup, and therefore erosion potential impact hours. By selecting the 2% exceedence approach, wave runup was inherently conservative and, therefore, did not over-estimate wave-induced erosion.

Wave runup was calculated with Holman's equation (equation 1), using offshore, deepwater wave data in addition to beach slope. Hourly wave data obtained from the Department of Fisheries and Oceans[1] were obtained from two ocean buoys to represent wave conditions along the north (C46145 in Dixon Entrance) and east (C46183 in Hecate Strait) coasts. These data were combined in Microsoft Excel with total hourly water levels (residual + surge), calculated by Abeysirigunawardena and Walker (2008). This provided a platform to model hourly exceedence ($R_{2\%}$) of the threshold beach-dune junction elevation.

The beach-dune junction elevation is the point that hydrodynamic processes transition into aeolian processes. Each seasonal survey recorded the location (x,y,z) of the morphological junctions between geomorphic units. The long-term (February 2004 to June 2005), average elevation of the beach-dune junction elevation was 6.5 m aCD, which was used to define the $R_{2\%}$ exceedence elevation. Water level observations exceeding this threshold were considered to be 'erosion potential hours'. It was, however, observed and acknowledged that the elevation of this junction was dynamic, ranging +/- 1.5 m on the north coast and +/- 3 m on the east coast. A limitation of this approach is that when the junction elevation of the LWD is lower than 6.5 m aCD, the model would under-estimate erosion potential. Conversely, when the LWD zone is very well

[1] (http://www.meds-sdmm.dfo-mpo.gc.ca/isdm-gdsi/waves-vagues/search-recherche/list-liste/index eng.asp?MedsID=C46&ID=&GreatLat=0.000&GreatLong=0.000&TotalDays=0&StnName=&LessLat=90.000&LessLong=180.000&GoodDays=0&typedisplay=HTML&Search=Get+Results)

developed, and the junction elevation is greater than 6.5 m aCD, thus offering increased buffering capacity against wave attack, this model considers the long-term morphological mean elevation as the erosion potential threshold elevation (6.5 m aCD).

To provide a representative beach slope for hourly $R_{2\%}$ calculations, a linear correction was applied to the measured beach slopes. This correction was the observed change in beach slope (between surveys) spread evenly across the survey period. This assumed that that slopes changed slowly and evenly between survey periods. It is acknowledged that slope likely changed abruptly in response to tide and/or storm cycles, however, this approach was thought to be a reasonable approach to represent the change in beach slope across the whole survey period.

Holman's (1986) equation was developed for intermediate beaches however, it has been shown to perform well on other beach types. Stockdon et al. (2006) suggested the error of the wave runup calculation would be approximately half the difference between the measured and averaged beach slopes. Since the measured variation in beach slope was less than 3%, a maximum error of 1.5% would be expected.

A further limitation was that ocean buoys (C46183) and (C46145) each had sufficient fetch in all directions to generate wind-induced effects such as wave setup. Additionally, the buoys record deep-water wave conditions. Collectively,

this means that recorded values of H_s and *T* may have increased between when those values were recorded, at the deep-water buoys, and when they arrived at the beach. No compensation was made for wave setup and should therefore be considered a potential limitation when evaluating $R_{2\%}$ exceedence maxima.

The specific inclusion of onshore wind may have introduced a potential bias due to onshore wind affecting wave runup. For example, Ward et al. (1998) demonstrated that wave runup was greater during onshore wind events, even after separating out the effects of wind-induced setup and wind-induced wave growth. On the other hand, using onshore wind as a surrogate for storm duration provided an accurate analog of hourly wave impacts, thereby adhering to the suggestion that onshore wind (Ward et al., 1998) and duration (Ruggiero et al., 2001) are important for coastal erosion modelling. Onshore is defined as all winds within 180° of the shoreline alignment, specifically the onshore component.

A strength of this approach was that it combined onshore storm duration with a robust wave runup model to quantify storm impact hours experienced by the beach-dune system, essentially following an approach employed at Lake Hawea, New Zealand (Kirk et al., 2000). An additional strength was the inclusion of ocean surge measurements calculated from the protected, deep-water tide gauge in Prince Rupert. Although it should be recognized that the study sites might have experienced wave setup and that the Prince Rupert tide station likely did not. As such, a limitation to this approach was that it did not account for

wave setup (Abeysirigunawardena and Walker, 2008). However, given that: (1) the tide station was demonstrated to represent water levels at Rose Spit very well; (2) the surge was calculated from this tide station dataset; (3) the correction for tidal amplitude allowed this hourly tide and surge data from Prince Rupert tide station to be used for the north and east coasts of Haida Gwaii; and, (4) the robust nature of Holman's (1986) wave runup formula, wave setup would likely contribute a minimal difference. Acknowledging the above-mentioned limitations, this research superimposed Holman's $R_{2\%}$ on observed water levels to model onshore wave attack of the beach-dune system.

4.4 Beach-Dune Accretion Potential

Aeolian sediment transport in beach-dune environments is complicated by transport and supply-limiting variables (Bauer et *al*., 2008). Short term, event-based studies are able to reveal micro-variability such as flow acceleration and lee-side deposition (Anderson and Walker, 2006) or moisture and fetch effects (Bauer et *al*., 2008). Long-term (months to years) studies often lack the data resolution to adequately account for each of the macro-variables such as hourly wind speed, direction, fetch and moisture effects that directly affect sediment budgets. To bridge this gap, several models were combined to examine the accretion potential of the beach-dune system in Naikoon Provincial Park (Figure 4.3).

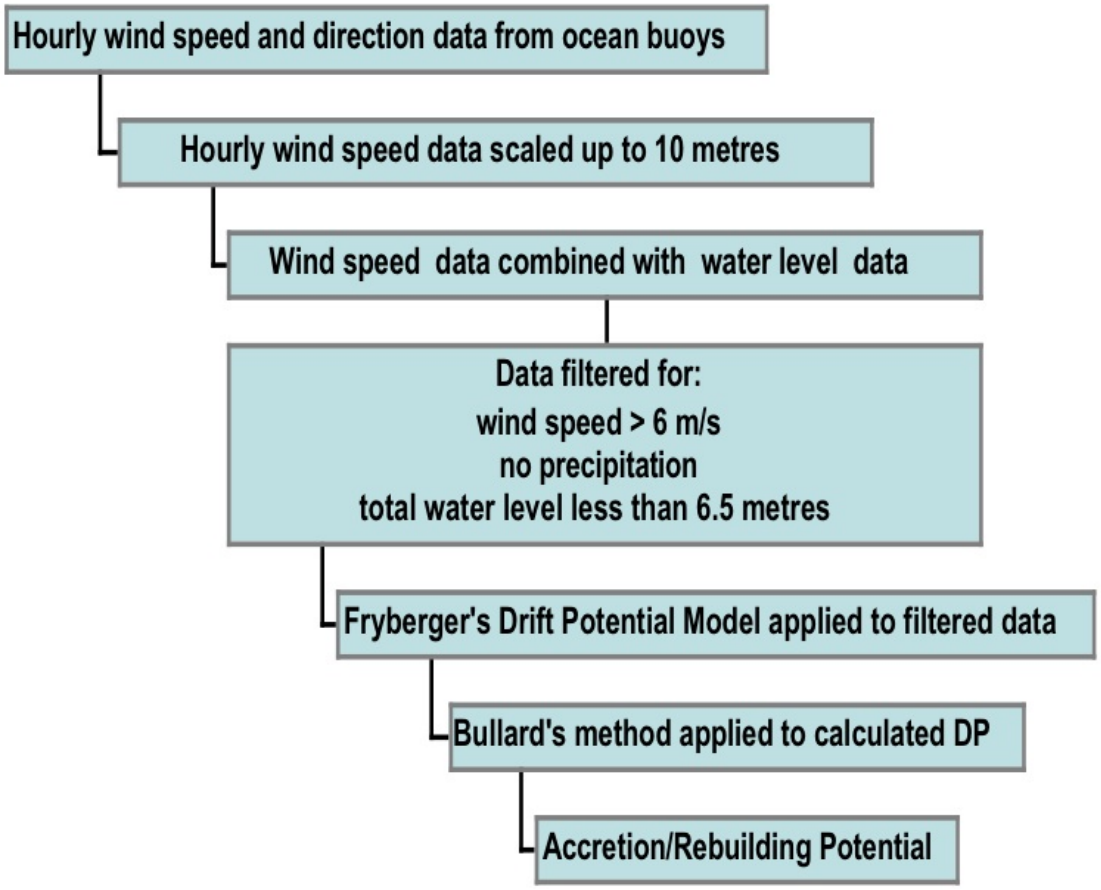

Figure 4.3. Flowchart of data path in the accretion potential model, showing the steps from data acquisition to model output. Hourly data were acquired from ocean buoys, scaled up to 10 m, combined with water level and surge data and filtered for the appropriate conditions before the Fryberger and Dean (1979) method was applied to the dataset.

Wind data from two offshore ocean buoys, one in Dixon Entrance (C46145) representing the north coast and one in Hecate Strait (C46183) representing the east coast, were used to calculate conditions when aeolian sediment transport was likely to occur. This was accomplished through several steps. First, the wind data were scaled up to 10 m. Then the data were filtered for conditions when wind speed was greater than 6 m s^{-1}, when no precipitation occurred, when total

water levels (observed tide plus wave runup) were less than beach-dune junction (6.5 m aCD) and when wind was within 180° degrees of the shoreline alignment. The resulting sub-set of data specifically represented conditions when all of these criteria were true. Following this Fryberger's (1979) DP model was applied to the filtered sub-set of data. Finally, Bullard's (1997) method to convert DP results into volume per unit time (m^3 m^{-1} $month^{-1}$) was applied. Details of each step are described below.

Wind speed and direction data were recorded on the buoys at 3 m and required up scaling to 10 m. In a recent review Johnson (1999) assessed several methods to scale wind speed data using the Law of the Wall with a power expression for sea surface roughness as follows:

$$\frac{U_{10}}{U_Z} = \left(\frac{10}{z}\right)^{0.108} \qquad (2)$$

Where U_{10} is wind speed, z is the measurement elevation, and the exponent 0.108 is the power expression suggested for moderate sea states. In practical circumstances, wind data are collected during a mixture of sea states. Local wind waves are young in origin compared to fully developed, older, waves. Using Johnson's (1999) approach, moderate age wave conditions were chosen to represent the average sea state of each data set at both buoy locations, given their long fetch distances.

Wind data were then filtered for conditions when sediment transport was possible. To accomplish this, several assumptions were made and will be discussed at the end of this section. An entrainment threshold of 6 m s^{-1} was used following the work of Pearce and Walker (2005) who found that despite high annual precipitation, the DP calculated with Fryberger and Dean's (1979) DP model was reasonably accurate along beaches in eastern Canada (PEI). Others, such as Arens (1996b), Bauer et *al*. (2008), Chepil (1956), and Davidson-Arnott et *al*. (2008) have suggested transport thresholds higher than this, while some authors concur that entrainment is in fact possible during light precipitation (Kuhlman, 1958; Jungerius et *al*., 1981; Draga, 1983). Thus, for simplicity and lack of onsite experimental data an entrainment threshold of 6 m s^{-1} was used. Although aeolian transport was observed occasionally during rainfall, conditions with any amount of precipitation ('trace' or greater) were excluded from the filtered sub-set of data.

Beach width was determined using total modelled water levels as a proxy for fetch. Since the erosion potential model calculated wave runup and superimposed this on total water levels (predicted tide + surge), it was possible to use total modelled water levels (total water levels + wave runup) as a proxy for available fetch, hour by hour. Ruz and Meur-Ferec (2004) employed a similar approach where they used observed tide as a proxy for available fetch.

Finally, wind direction data were also filtered to ensure that winds were onshore. In the context of this project, onshore wind was that within 180° of the shoreline alignment (or crest normal to the foredune). When hourly conditions met all of the criteria below they were considered highly likely that sediment transport would occur. Thus, 'accretion potential' (*AP*) hours for each survey period were determined by the following query:

$$AP = [R_{2\%} < 6.0 \text{ m aCD}] + [U_{10} > 6 \text{ m s}^{-1}] + [D\ (045^{o} – 225^{o}) \text{ or } (225^{o} - 045^{o})] \quad (3)$$

Where *AP* is accretion potential, $R_{2\%}$ is fetch (via total modelled water levels), U_{10} is wind speed and *D* is wind direction. For consistency, *D* was the same for both east coast sites ($045^{o} – 225^{o}$) as it was also the same for both north coast sites ($225^{o} - 045^{o}$). With the exception of tide and surge data, all other data used for north coast modelling came from ocean buoy C46145, and all data used for east coast modelling came from ocean buoy C46183 (Figure 3.1). Using Microsoft Access a series of queries were performed to filter data for the above conditions (equation 3).

Fryberger and Dean's (1979) DP model (equation 4) was then applied to the queried data using Microsoft Excel. Although Fryberger's equation was intended for annual data sets, it was applied to these queried data from equation 4 for this investigation. Fryberger and Dean's (1979) model is as follows:

$$DP = \frac{V^{2}(V - V_{t})}{100} t \quad (4)$$

Where DP is drift potential, V is wind speed (m s^{-1}) recorded at 10 m Vt is the aeolian transport threshold (6.0 m s^{-1}, and t is the proportion of time wind speed was above the aeolian transport threshold. After calculating total DP for these query subsets, Bullard's (1997) method was applied to convert the DP vector units into m^3 m^{-1} $year^{-1}$. Bullard's method assumes an appropriate bulk density for quartz sand (1600 kg m^{-3}) to demonstrate a linear relationship between DP vector units and U_{10} expressed in m s^{-1}. The slope of the line (y = mx+b) was used to convert Fryberger and Dean's (1979) DP as follows:

$$Q = 0.1315x + 0.1 \quad (5)$$

The results of this equation are expressed as m^3 m^{-1} $year^{-1}$. However, each queried subset of data represented between three and eight months of data, depending on survey season. Data were then divided by the duration of observation in months to create a normalized term m^3 m^{-1} $month^{-1}$.

In summary, if wind speed is above the transport threshold (6 m s^{-1}), directed onshore and water levels are below 6 m aCD, the model would suggest transport is possible. By using total water level plus wave runup as a surrogate for beach width and, therefore, available fetch, this is a more conservative approach than using predicted water levels, as more supply limiting conditions would be identified using wave runup. Finally, wind direction was not differentiated between onshore, oblique, and shore parallel to discern those winds that would have greater aeolian transport potential. All onshore oriented winds (i.e., within 180° of shoreline alignment) were treated equally, despite acknowledging that

oblique and shore parallel winds have greater fetch and therefore potentially increased transport potential. Despite several assumptions and limitations to this model, the approach was meant to estimate the macro-conditions driving sediment transport in an effort to develop an approach that can model long-term aeolian sediment supply using standard meteorological data.

Limitations and assumptions of this model are many. First, a transport threshold was used (6 m s^{-1}) that was not specific to this environment. Second, filtering data for conditions of no precipitation and not considering sediment moisture content (from swash, ground water, sea spray, etc.) did not ensure that sediments were dry and available for transport. Third, using total water levels plus wave runup as a proxy for beach width was not a direct measure sediment source availability.

5 Results

This chapter has three components that describe the results for: (1) beach-dune erosion potential model; (2) beach-dune accretion potential model; and, (3) beach-dune mass balance and morphological responses.

5.1 Beach-Dune Erosion Potential

5.1.1 North Coast

During the first season (February ’04 to May ’04) there were seven hours of modelled erosion potential (onshore wave attack exceeding 6.5 m aCD). During this time total water levels, accompanied by onshore winds, exceeded the beach-dune junction elevation at Site 2 (Figure 5.2 and Table 5.2). This activity resulted in the complete removal of the LWD zone (Figure 5.3), with further scarping of the stoss slope of the foredune (Figure 5.2). During this interval no measurable erosion occurred at Site 1 (Figure 5.3 and 5.4).

Twelve hours of erosion potential were modelled for the north coast during the autumn and early winter of 2004 (Figure 5.1 and Table 5.1). Total modelled water levels reached a maximum of 6.7 m aCD and survey data suggests this to be good estimation of the wave runup elevation, as also evidenced by the complete removal of the LWD zone at Site 2 (Figure 5.3).

Table 5.1. Erosion potential calculations for the northern and eastern coasts of Graham Island, Haida Gwaii, BC. Average wind and wave conditions contributing towards the reported erosion potential hours are reported along with subsequent mass balance for each geomorphic unit. The 'observed volumetric change' was calculated from DEM volumes and is the net change in mass balance from the pervious survey to current survey period.

			H_s (m)	L_o (m)	D (degrees)	Total Water Level (m) (tide+surge)	Wave Runup $R_{2\%}$ (cm)	Total Modelled Water Level (m) (tide+surge+runup)	Modelled Erosion Potential Hours	Proportion of *EP* Time/ Season (%)	Observed Volumetric change ($m^3\ m^{-1}\ month^{-1}$) All	FRDN	LWD	BCH
North Coast	Site 1	Feb.'04 -May '04	3.4	14.2	285	6.18	4	6.22	7	0.3	+41	-8	-5	-16
		May '04 - July '04	no data for this period								+31	+4	+4	+20
		July '04 - Feb. '05	7.1	17.1	311	6.30	38	**6.68**	12	0.2	+1	+2	-4	0
		Feb.'05 - May '05	4.9	19.7	275	5.97	56	**6.53**	16	**0.7**	-9	-2	-1	-4
	Site 2	Feb.'04 -May '04	3.4	14.2	285	6.18	4	6.22	7	0.3	-4	-1	-1	-2
		May '04 - July '04	no data for this period								-14	-10	-2	-3
		July '04 - Feb. '05	7.1	17.1	311	6.30	38	**6.68**	12	0.2	-1	-1	-1	-1
		Feb.'05 - May '05	4.9	19.7	275	5.97	56	**6.53**	16	**0.7**	+5	+3	+1	-2
East Coast	Site 3	Feb.'04 -May '04	6.0	10.0	145	6.18	4	6.22	8	0.3	+2	+5	-1	-3
		May '04 - July '04	2.0	14.0	133	6.12	2	6.14	8	0.6	+6	-5	+1	+10
		July '04 - Feb. '05	5.0	13.0	98	6.39	39	**6.78**	28	**0.6**	-10	0	-7	-2
		Feb.'05 - May '05	4.0	11.0	150	6.04	13	6.17	9	0.4	-3	+3	+5	-11
	Site 4	Feb.'04 -May '04	3.8	18.3	136	6.09	49	**6.58**	21	**0.8**	no data for this period			
		May '04 - July '04	1.7	9.5	90	6.12	3	6.15	10	0.7	-69	0	-19	-50
		July '04 - Feb. '05	4.4	23.3	118	6.39	50	**6.89**	34	0.7	+8	0	+1	+7
		Feb.'05 - May '05	5.9	21.3	146	6.04	77	**6.81**	37	**1.7**	-55	-6	-14	-35

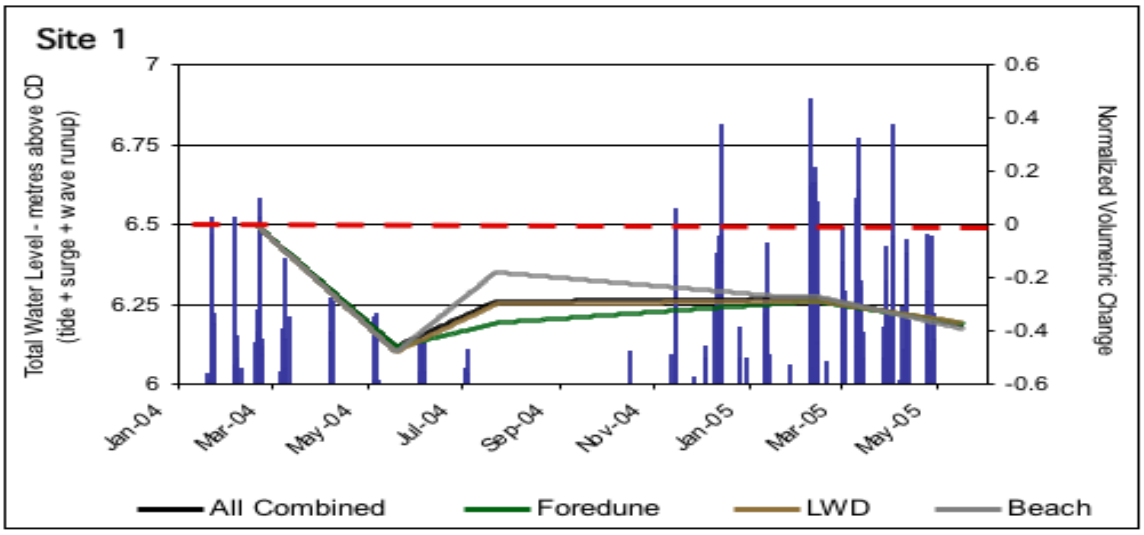

Figure 5.1. Site 1 (South Beach) modelled erosion potential results. Vertical bars represent total modelled water level elevation (m aCD) (tide + surge + $R_{2\%}$). The horizontal lines indicate normalized volumetric change. Volume at end of survey period was divided by volume at beginning of survey period to determine seasonal mass balance. The red dotted line shows beach-dune junction elevation (6.5 m aCD) and erosion of the LWD zone is possible when erosion potential exceeds this line. Erosion potential was modelled in March 2004, December 2004, January 2005 as well as throughout the spring of 2005.

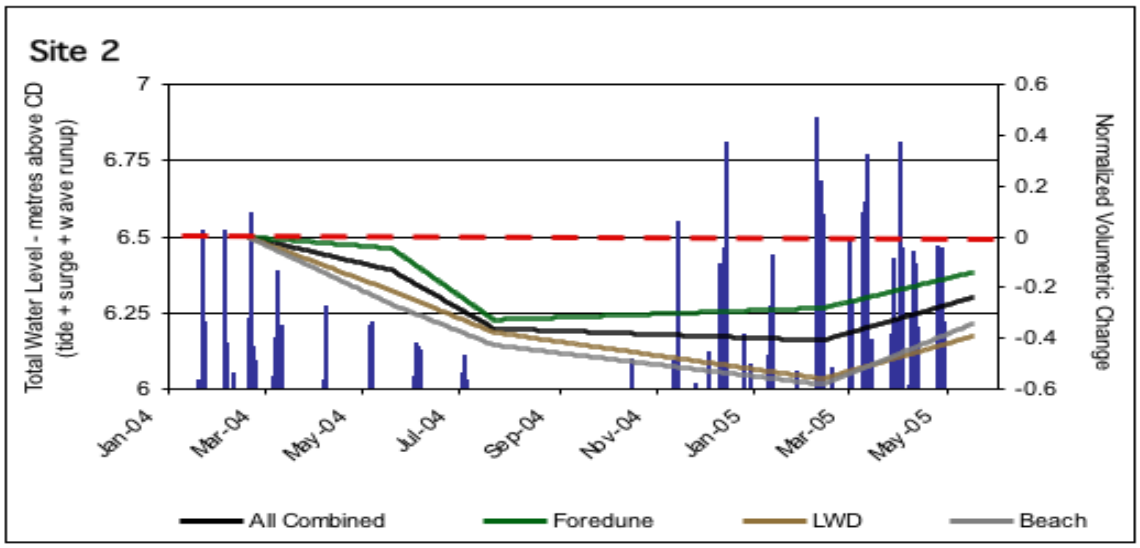

Figure 5.2. Site 2 (North Beach)) modelled erosion potential results. Vertical bars represent total modelled water level elevation (m aCD) (tide + surge + $R_{2\%}$). The horizontal lines indicate normalized volumetric change. Volume at end of survey period was divided by volume at beginning of survey period to determine seasonal mass balance. The red dotted line shows beach-dune junction elevation (6.5 m aCD) and erosion of the LWD zone is possible when erosion potential exceeds this line. Erosion potential was modelled in March 2004, December 2004, January 2005 as well as throughout the spring of 2005.

Figure 5.3. Site 2 (North Beach) facing west towards Tow Hill. Photo portrays the extent of wave scarping along the north coast during the autumn and winter of 2004. The LWD zone was completely eroded from this site. Evident in this photo is the initial accumulation of LWD that acts as an accretion anchor to saltating sand grains.

During the winter and early spring of 2005, 16 hours of erosion potential were modelled to exceed the beach-dune junction elevation along the north coast. During this period, Site 1 experienced an appreciable decrease in mass balance across the entire site (-36 +/- 1.8 m^3 m^{-1} $month^{-1}$), 60% of that loss was in the beach unit (-17 +/- 1.0 m^3 m^{-1} $month^{-1}$). Interestingly, Site 2 was only the beach unit that had a net loss of sediment (-7 +/- 1.8 m^3 m^{-1} $month^{-1}$) as the others had measurable net gains (Figures 5.1 and 5.2).

In summary, erosion potential was modelled for three seasons along the north coast (Table 5.1). In each case total water levels exceeding the beach-dune

junction elevation were accompanied by onshore winds. In each season when erosion potential was modelled to exceed 6.5 m aCD there was a measurable reduction in sediment mass (Table 5.1).

5.1.2 East Coast

In December 2004, 28 hours of erosion potential were modelled for Site 3. These erosion potential results coincided with a major storm event on December 24, 2004 that was suggested to be the 100-year event (Abeysirigunawardena and Walker, 2008). Onshore wind and wave attack resulted in total water levels reaching 6.8 m aCD, which overtopped the beach-dune junction and resulted in considerable erosion (Figure 5.4 and Table 5.2). Overall, the site had a net negative mass balance of -57 +/-0.8 m^3 m^{-1} $month^{-1}$, which included net losses in the beach unit (-12 +/-0.2 m^3 m^{-1} $month^{-1}$), LWD zone (-44 +/-0.2 m^3 m^{-1} $month^{-1}$) and foredune unit (-2 +/-0.7 m^3 m^{-1} $month^{-1}$). This included complete removal of the LWD zone and heavy scarping of the stoss slope (Figure 5.5).

In the following season (spring 2005), Site 4 was modelled to have 37 hours of erosion potential (Table 5.2). During this time, however, only 16 hours were modelled for Site 3, due to different beach slopes. Total water levels reached 6.8 m aCD during onshore wind and wave attack. At this same time, significant erosion was measured at this site (Figure 5.5), which resulted in a net loss of sediment and a negative mass balance for the entire site.

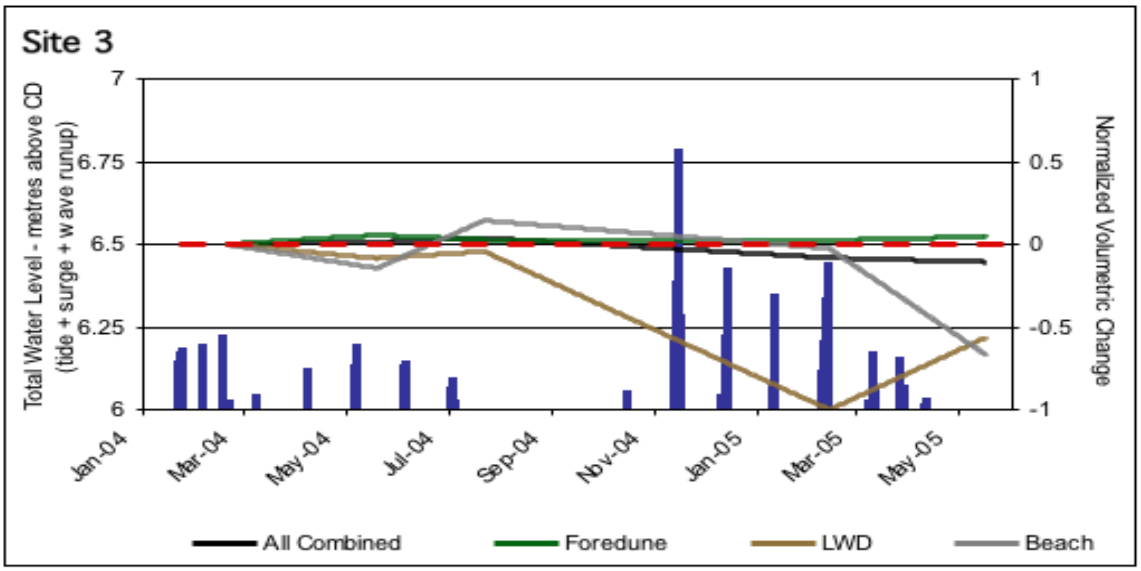

Figure 5.4. Site 3 (Kumara Beach)) modelled erosion potential results. Vertical bars represent total modelled water level elevation (m aCD) (tide + surge + $R_{2\%}$). The horizontal lines indicate normalized volumetric change. Volume at end of survey period was divided by volume at beginning of survey period to determine seasonal mass balance. The red dotted line shows beach-dune junction elevation (6.5 m aCD) and erosion of the LWD zone is possible when erosion potential exceeds this line. Erosion potential was modelled in March 2004, December 2004.

Figure 5.5. Site 3 (Kumara Beach) in February 2005 demonstrating the extent of erosion following 28 hours of modelled erosion potential, which occurred near the end of December 2004.This storm resulted in the complete removal/erosion of the LWD zone (-44 +/- 0.2 m^3 m^{-1} $month^{-1}$).

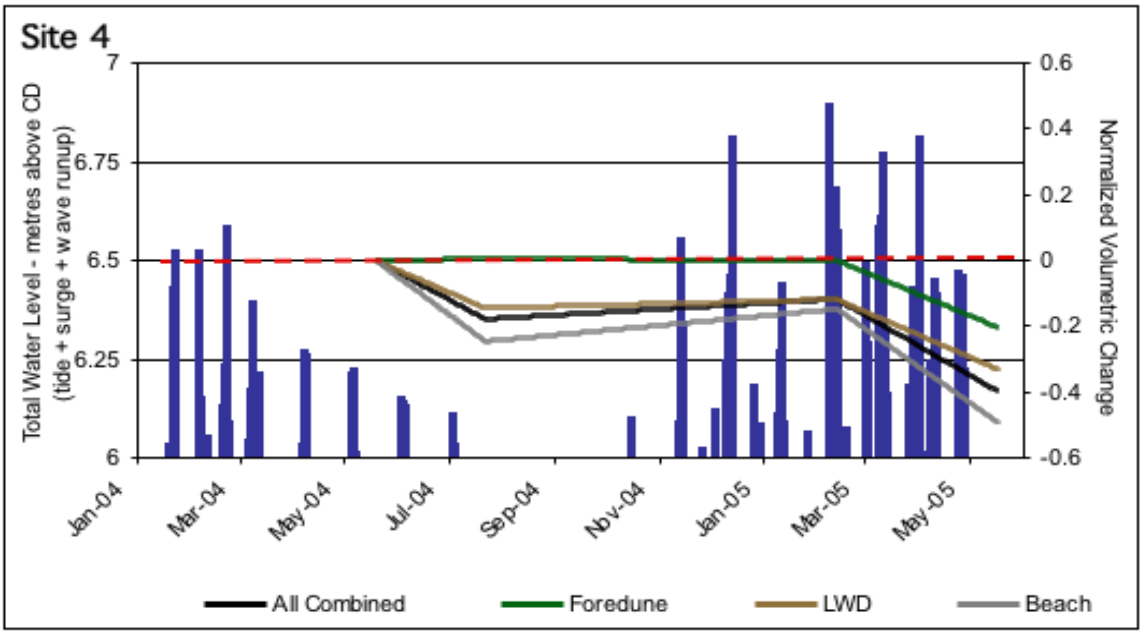

Figure 5.6. Site 4 (Lumme Beach)) modelled erosion potential results. Vertical bars represent total modelled water level elevation (m aCD) (tide + surge + $R_{2\%}$). The horizontal lines indicate normalized volumetric change. Volume at end of survey period was divided by volume at beginning of survey period to determine seasonal mass balance. The red dotted line shows beach-dune junction elevation (6.5 m aCD) and erosion of the LWD zone is possible when erosion potential exceeds this line. The winter of 2004 and spring of 2005 were modelled to have 34 hours of erosion potential.

During the 2004/05 winter 34 hours of erosion potential were modelled for Site 4. Although total modelled water levels reached 6.9 m aCD, no erosion was recorded and a net gain of +47 +/-0.9 m^3 m^{-1} $month^{-1}$ was measured for the entire site. The mass balance of the beach unit increased by +40 +/-0.9 m^3 m^{-1} $month^{-1}$ and the LWD zone increased by +7 +/-0.9 m^3 m^{-1} $month^{-1}$. No net change occurred in the foredune. The main difference between this site and Site 3 is the shore-welded bar fronting Site 3. The bar likely forced waves to break before reaching the LWD zone, reducing wave velocity in the nearshore zone and preventing erosion of the beach-dune system.

5.2 Beach-Dune Accretion Potential

Sediment transport was modelled using two methods. First, 'accretion potential hours' were modelled using four criteria to define potential sediment transport. To accomplish this four conditions were used to define an accretion potential hour: (1) wind direction orientated +/- 90^{o} shore perpendicular; (2) wind speed greater than 6 m s^{-1} at 10 m; (3) no measurable precipitation; and, (4) total modelled water level less than 6 m aCD, to allow for adequate beach width. Drift potential was modelled using 6 m s^{-1} as a transport threshold. Subsequent accretion and drift potential values (within each survey period) are reported along with the accompanying transport conditions and observed volumetric change, for each geomorphic unit (Table 5.2).

With less than 1% calm winds in the study region (Pearce, 2004), nearly all sites in all seasons were modelled to have appreciable accretion potential. For example, the average modelled accretion potential across the study period was approximately 50 m^{3} m^{-1} month^{-1} for the north coast and 190 m^{3} m^{-1} month^{-1} for the east coast. Important for understanding mass balance, however, is the timing of erosion and accretion within the context each survey period. The interplay between erosion and accretion will be discussed later in section 5.3

5.2.1 North Coast

Along the north coast, two surveys revealed measurable accretion of the beach-dune system. The first was observed at Site 1 in the summer of 2004 and the second at Site 2 in the summer of 2005.

Between May and June 2004 both sites along the north coast were modelled to have 273 accretion potential hours, which corresponded to 50 m^3 m^{-1} $month^{-1}$ of drift potential (Table 5.2). The average U_{10} was 8.9 m s^{-1}, blowing alongshore (284^o). Interestingly, inverse responses were observed between north coast sites. Site 1 had a positive mass balance of +31 +/- 1.75 m^3 m^{-1} $month^{-1}$, while Site 2 had a negative mass balance of -14 +/-1.75 m^3 m^{-1} $month^{-1}$. This resulted in the rebuilding of the LWD zone at Site 1 (Figure 5.7) and a negative mass balance in all geomorphic units at Site 2 (Figure 5.8).

Between February and May 2005, the north coast was modelled to have 252 hours of accretion potential. This corresponded to 22 m^3 m^{-1} $month^{-1}$ of drift potential (Table 5.2). During this period, average U_{10} m *u* of 8.3 m s^{-1} was accompanied by onshore winds (296^o). Collectively, these conditions resulted in a positive mass balance at site 2, which accreted by +5 +/-3.5 m^3 m^{-1} $month^{-1}$ across all geomorphic units (Figure 5.8). There was no net change in mass balance at Site 1.

Table 5.2. Accretion potential calculations for the northern and eastern coasts of Graham Island, Haida Gwaii, BC. Average wind conditions responsible for accretion potential hours are reported with subsequent mass balance in each geomorphic unit. The 'observed volumetric change' was calculated from DEM volumes and is the net change in mass balance from the pervious survey to current survey period.

			U_{10} (m s^{-1})	D (degrees)	Modelled Accretion Potential Hours	Modelled Accretion Potential Volume (m^3 m^{-1} $month^{-1}$)	Proportion of *AP* Time/Season (%)	Observed Volumetric Change (m^3 m^{-1} $month^{-1}$)			
								ALL	FRDN	LWD	BCH
North Coast	Site 1	Feb.'04 -May '04	9.1	286	585	85	22.4	-41	-8	-5	-16
		May '04 - July '04	8.9	284	273	50	20.8	31	4	4	20
		July '04 - Feb. '05	9.0	287	691	42	14.0	1	2	-4	0
		Feb.'05 - May '05	8.3	296	252	22	11.3	-9	-2	-1	-4
	Site 2	Feb.'04 -May '04	9.1	286	585	85	10.9	-4	-1	-1	-2
		May '04 - July '04	8.9	284	273	50	20.8	-14	-10	-2	-3
		July '04 - Feb. '05	9.0	287	691	42	5.8	-1	1	-1	-1
		Feb.'05 - May '05	8.3	296	252	22	13.3	5	3	1	-2
East Coast	Site 3	Feb.'04 -May '04	10.4	136	861	201	5.2	2	5	-1	-3
		May '04 - July '04	9.1	140	244	47	10.2	6	-5	1	10
		July '04 - Feb. '05	10.9	124	1510	246	2.5	-10	0	-7	-2
		Feb.'05 - May '05	10.6	133	905	257	6.0	-3	3	5	-11
	Site 4	Feb.'04 -May '04	10.4	136	861	201	5.2	no survey data for this period			
		May '04 - July '04	9.1	140	244	47	10.2	-69	0	-19	-50
		July '04 - Feb. '05	10.9	124	1510	246	2.5	8	0	1	7
		Feb.'05 - May '05	10.6	133	905	257	6.0	-55	-6	-14	-35

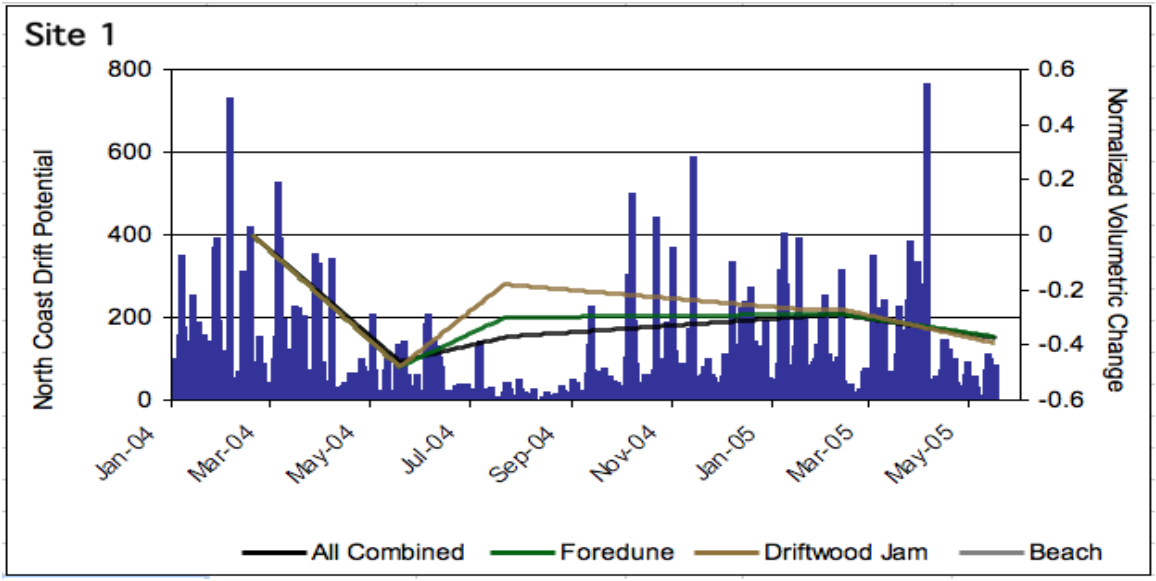

Figure 5.7. Site 1 (South Beach) modelled drift potential results reported with observed mass balance. The left axis corresponds to the vertical bars, which are DP vector units. The right axis corresponds with the horizontal lines, which indicate normalized volumetric change. Volume at end of survey period was divided by volume at beginning of survey period to determine seasonal mass balance.

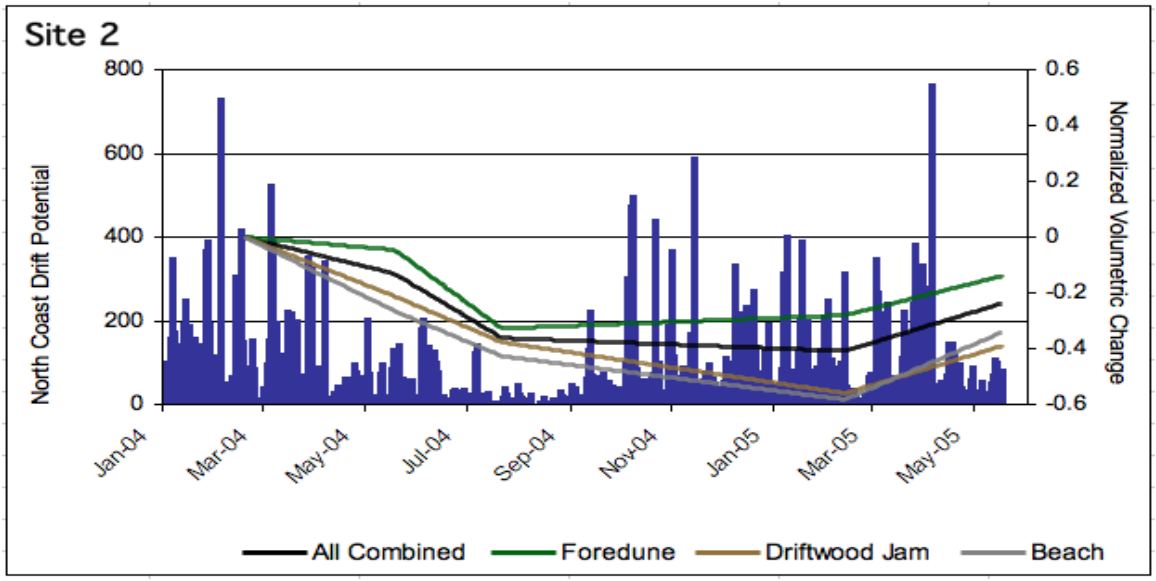

Figure 5.8. Site 2 (North Beach) modelled drift potential results reported with observed mass balance. The left axis corresponds to the vertical bars, which are DP vector units. The right axis corresponds with the horizontal lines, which indicate normalized volumetric change. Volume at end of survey period was divided by volume at beginning of survey period to determine seasonal mass balance.

5.2.2 East Coast

Accretion potential hours and drift potential volume were both an order of magnitude greater along the east coast, in comparison to the north coast (Table 5.2). Only two of the survey periods revealed measurable accretion along the east coast.

Between July 2004 and February 2005, 1510 hours of accretion potential were modelled for the east coast. This corresponded to 246 m^3 m^{-1} $month^{-1}$ of modelled drift potential (Table 5.2). During this period, the average U_{10} was 10.9 m s^{-1} from 124^o. During this time Site 4 had a slight increase in mass balance (+8 +/- 0.9 m^3 m^{-1} $month^{-1}$) resulting from net gains in the beach (+7 +/- 0.9 m^3 m^{-1} $month^{-1}$) and LWD (+1 +/- 0.9 m^3 m^{-1} $month^{-1}$) geomorphic units. No net change was measured in the foredune (Figure 5.9).

Between February and May 2005 the east coast was modelled to have 905 hours of accretion potential. The calculated drift potential for this season was 257 m^3 m^{-1} $month^{-1}$. Average U_{10} of 10.6 m s^{-1} and was directed alongshore (133^o) and mass balance increased by +5 +/-0.4 m^3 m^{-1} $month^{-1}$ in the LWD zone at Site 3 (Table 5.2). The morphological result of these conditions was the rebuilding of the LWD zone that had been removed the previous season (Figure 5.10).

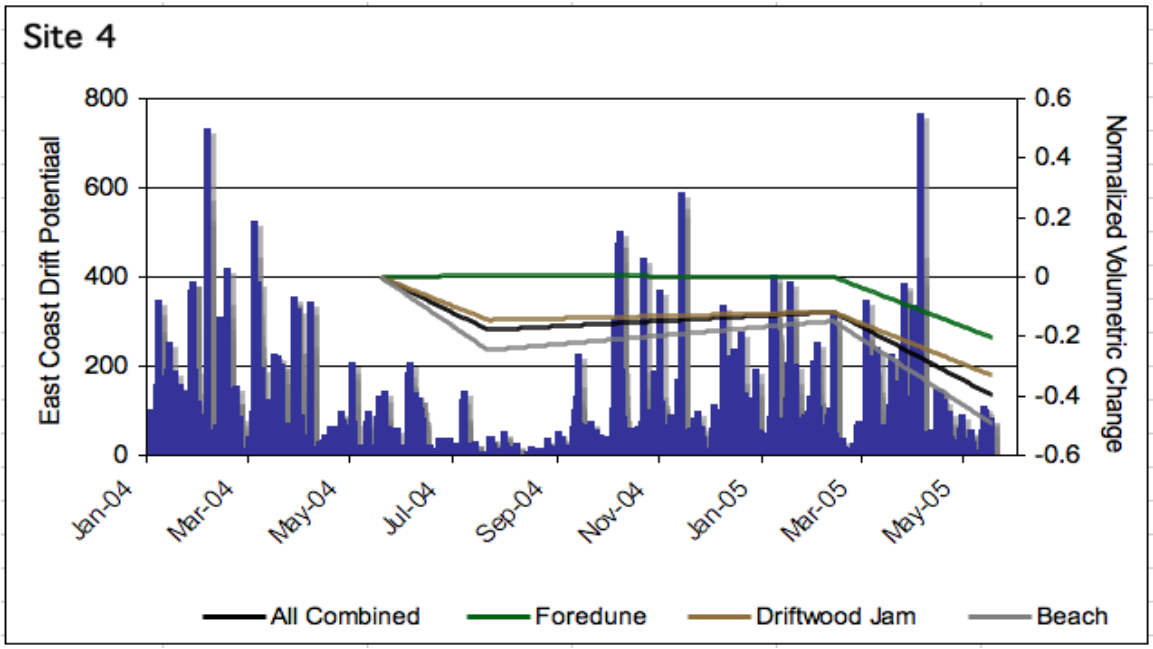

Figure 5.9. Site 4 (Lumme Beach) modelled drift potential results reported with observed mass balance. The left axis corresponds to the vertical bars, which are DP vector units. The right axis corresponds with the horizontal lines, which indicate normalized volumetric change. Volume at end of survey period was divided by volume at beginning of survey period to determine seasonal mass balance.

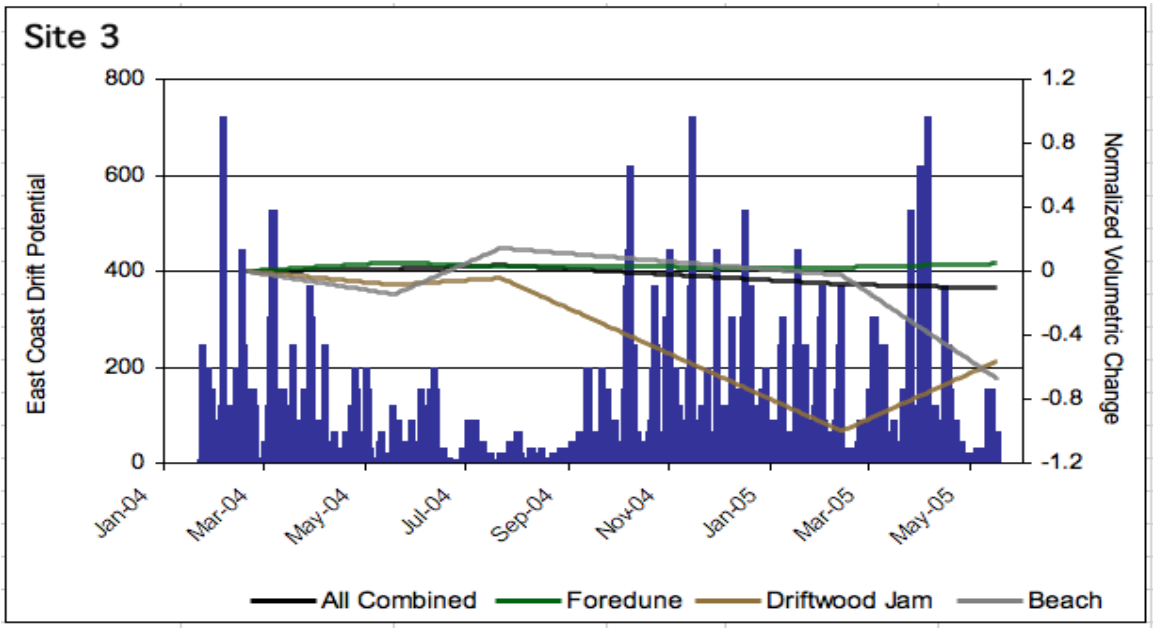

Figure 5.10. Site 3 (Kumara Beach) modelled drift potential results reported with observed mass balance. The left axis corresponds to the vertical bars, which are DP vector units. The right axis corresponds with the horizontal lines, which indicate normalized volumetric change. Volume at end of survey period was divided by volume at beginning of survey period to determine seasonal mass balance.

5.3 Beach-Dune Mass Balance and Morphological Responses

This section reports on the morphologic responses of the beach-dune system, as interpreted from the beach-dune profiles. Additionally, it reports on the mass balance of the beach-dune system, as interpreted from the DEMs and volume calculations. These results complement sections 5.2 and 5.3 by presenting the actual response of the beach-dune system during each modelled period, supporting and contending the model results.

5.3.1 North Coast

As the north coast was an ultra-dissipative environment, the slope difference between sites 1 and 2 was too small to produce noticeable differences in the calculated wave runup values and, therefore, erosion potential hours.

Accretion potential hours and drift potential volumes were identical for both north coast sites, as total water level plus wave runup was used as the surrogate for beach width (available fetch) and wave runup was dependent on beach slope which, again, for these two sites was virtually identical. It should be noted that Site 1 did have a narrower beach width than Site 2. Finally, although erosion and accretion potential calculations were identical between north coast sites, the morphological responses differed between sites.

(1) February to May 2004 – Along the north coast, seven hours of erosion potential were modelled. The conditions responsible for these seven erosion potential hours included a maximum H_s of 6.2 m aCD, maximum L_o of 14.2 m and maximum U_{10} of 11.7 m s^{-1} originating from on average a direction of 285^o

(Table 5.1). Collectively, this resulted in a maximum $R_{2\%}$ of 6.6 m aCD along the north coast. At the same time along the north coast, 585 hours of accretion potential were modelled. The conditions responsible for this accretion potential was a mean U_{10} of 9.1 m s^{-1} from on average a direction of 286^{o} (Table 5.3).

The modelled erosion potential hours were reflected in beach morphology by a steeper beach profile at Site 2 (Figure 5.3). This was not seen at Site 1, where the beach profile decreased likely due to higher energy onshore waves (Figure 5.4.2). This corroborates the measured mass balance at Site 1, which decreased by ten-fold (-41 +/-1.8 m^3 m^{-1} $month^{-1}$) compared to that measured at Site 2 (-4 +/-1.8 m^3 m^{-1} $month^{-1}$), during this same period (Table 5.1, Figures 5.3, and 5.4).

The mass balance of the LWD zone at both sites was reduced appreciably during this period. This reduction in mass balance was accompanied by complete erosion/removal of the LWD zones, as evidenced by the widespread foredune scarping along the north coast (Figure 5.3). Although all geomorphic units at both sites had negative mass balances during this period, aeolian sediment transport was evidenced by the development of the LWD zones (Table 5.2 and Figures 5.11 and 5.12).

Immediately after the north coast was surveyed (February 2004), seven hours of erosion potential coincided with widespread scarping of the beach-dune systems along the north coast (Figure 5.13b). As this scarping preceded the modelled

accretion potential (Figures 5.1, 5.2, and 5.12), the erosion and subsequent negative mass balance has a greater net effect than any aeolian transport from detection. For example, in order for the mass balance (surveyed) to reflect aeolian transport, sediment transport would have to surpass the net negative effect of the erosion (Table 5.2). This explains why the volume calculations for this period did not indicate aeolian deposition had occurred, despite a calculated drift potential of 85 m^3 m^{-1} $month^{-1}$. Aeolian transport and deposition was, however, evidenced through the development of LWD zones at both sites (Figures 5.3 and 5.4.2).

(2) May to July 2004 – During this period, 273 hours of accretion potential and 50 m^3 m^{-1} $month^{-1}$ of drift potential were modelled for the north coast. Erosion potential could not be modelled for his period due to missing wind and wave data. Observed accretion and drift potential volumes throughout this period were the result of mean U_{10} of 9.0 m s^{-1} from an average direction of 286^o (Table 5.1). Mass balance at Site 1 was positive in all geomorphic units while Site 2 was negative in all geomorphic units (Table 5.1).

Interestingly, despite inverse responses in mass balance, both sites responded similarly to the modelled accretion potential, as evidenced through the increased development of the LWD zones (Figures 5.11 and 5.12). Aeolian deposition within the LWD zone was evident in both beach profiles (Figures 5.11, 5.12), but not evident in the negative mass balance at Site 2.

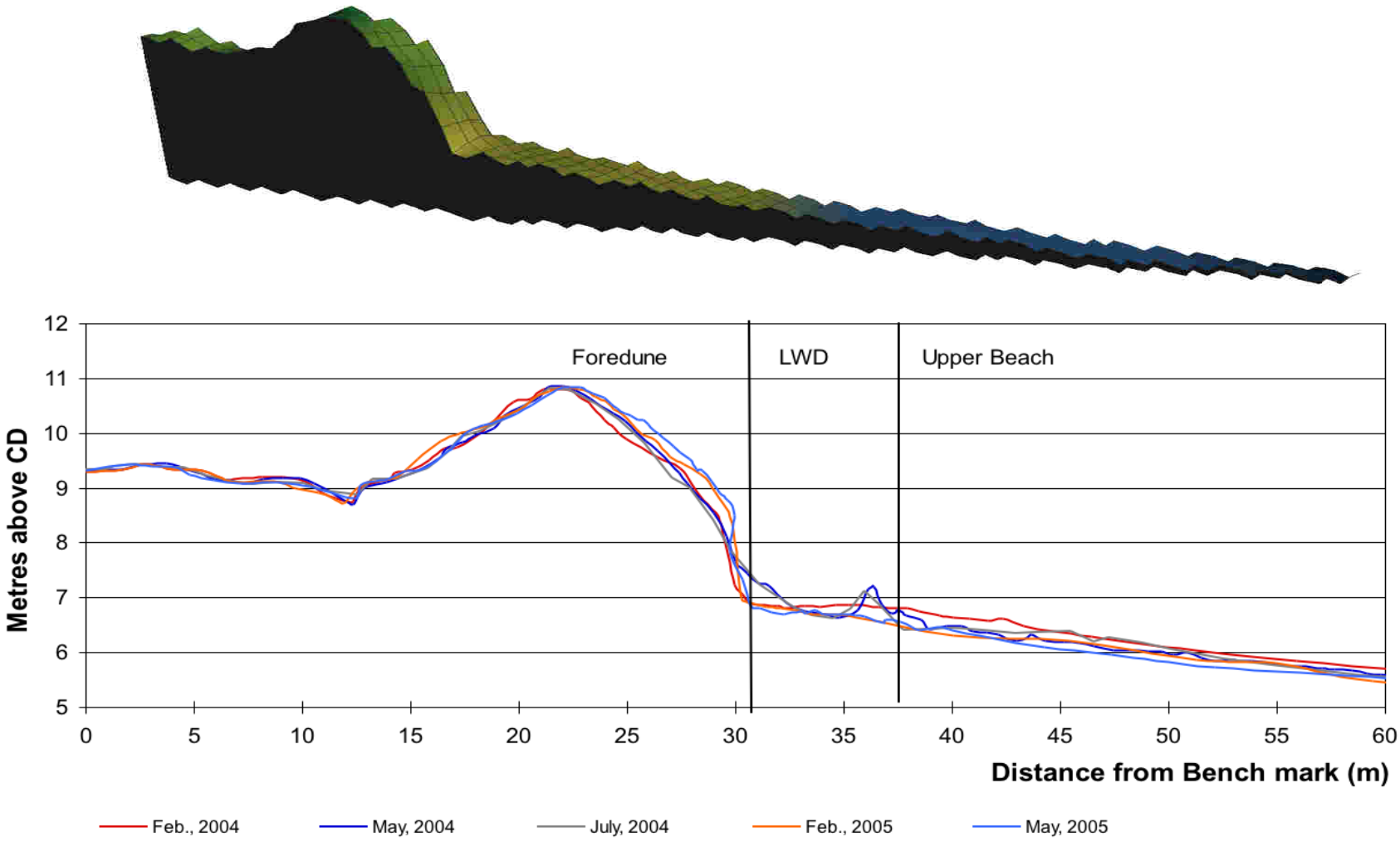

Figure 5.11. Site 2 (North Beach) DEM and cross-shore profiles indicating maximum runup elevations in relation to the lower limit of the LWD zone.

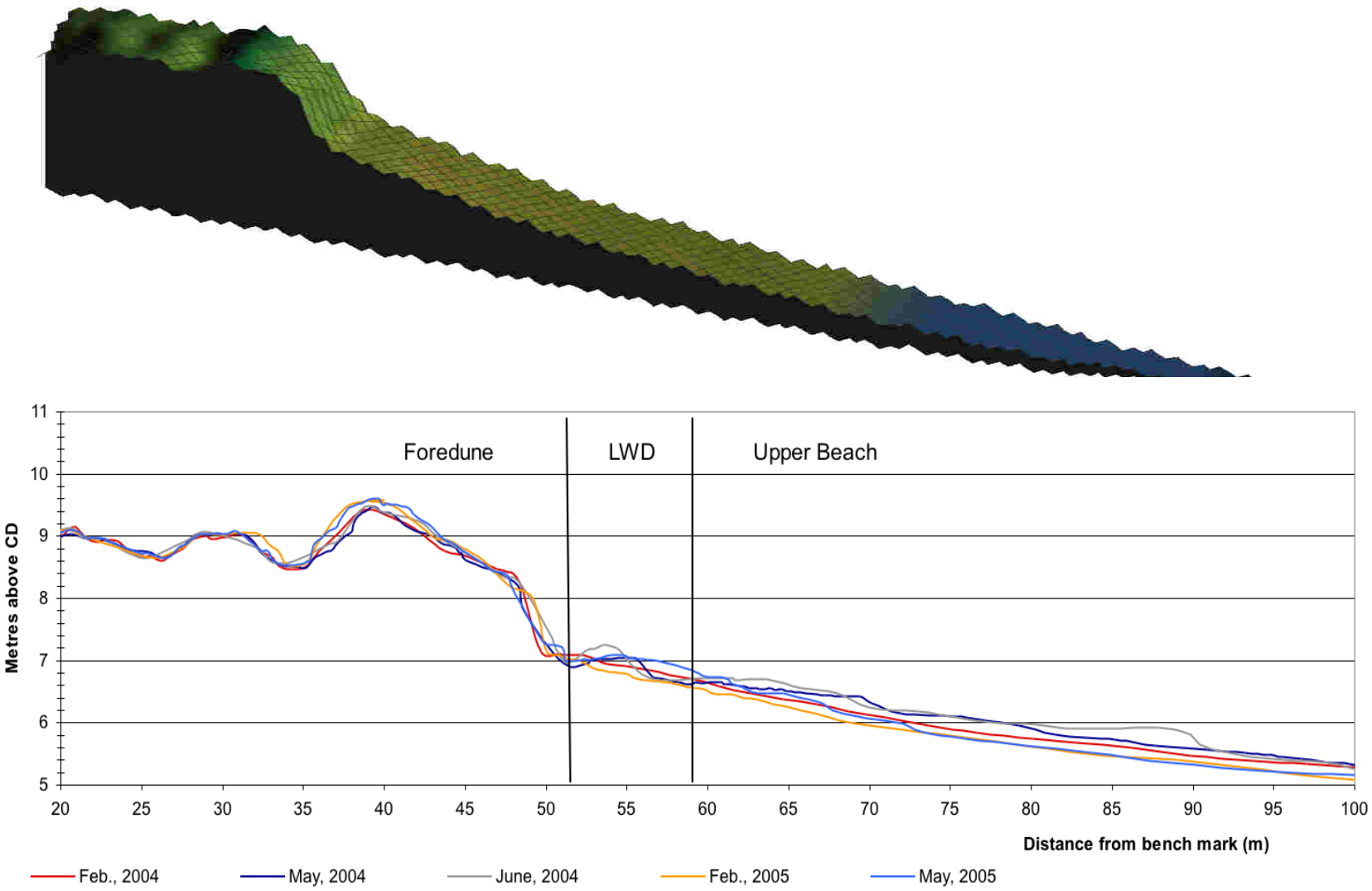

Figure 5.12. Site 1 (South Beach) DEM and cross-shore profiles indicating maximum runup elevations in relation to the lower limit of the LWD zone.

(3) July 2004 to February 2005 – The north coast was modelled to have 691 hours of accretion potential and 42 m^3 m^{-1} $month^{-1}$ of drift potential. These values were the result of a mean U_{10} of 9.0 m s^{-1}, gusting up to 13.4 m s^{-1} and blowing from, on average, 287^o (Table 5.2). The north coast was also modelled to have 12 hours of erosion potential that produced 40 centimetres of $R_{2\%}$. When $R_{2\%}$ is superimposed on total water levels, of 6.3 m aCD total modelled water levels reached 6.7 m aCD (Table 5.2). These water levels were calculated from a maximum H_s of 7.1 m aCD and maximum L_o 17.1 m, each accompanied by a maximum U_{10} of 12.3 m s^{-1} from, on average, a direction of 311^o (Table 5.1).

Evidence of aeolian deposition in the backshore was removed near the end of this period when 12 hours of erosion potential coincided with onshore storm waves that removed the LWD zone, resulting in a negative mass balance in the beach and LWD units at both sites (Table 5.2). Morphological evidence for this scarping is presented in the profile figures (Figures 5.11 and 5.12), which clearly demonstrate foredune scarping. However, the foredune unit at both sites expressed positive mass balances, further validating the modelled accretion potential.

Evidence of the accretion potential modelled for this period was also observed in the beach profiles/morphology of the foredune units along the north coast (Figures 5.3, 5.4.2; Table 5.2). Both site profiles demonstrated increased vertical

growth of the foredune along with lee-side deposition of sediment (Figures 5.3, 5.4.2). This occurred concurrent with the loss of the LWD zone at both sites.

The lee-side deposition and vertical growth of the foredune indicate that aeolian transport did occur. Removal of the LWD zone in concert with a scarped foredune toe (Figure 5.13b) indicates that wave-induced erosion followed the aeolian transport. Therefore, modelled accretion and drift potential did corroborate measured aeolian sediment transport along the north coast during this period. Modelled erosion potential also accurately represented erosion of the LWD zone and beach-dune system for this period.

The observed removal of the LWD zone and scarping of the foredune is evidence for the negative mass balance at sites 1 and 2 (Figures 5.3, 5.4.2). Modelling results indicate that two particular runup events (maximum 6.7 m aCD) were most likely responsible for this erosion, occurring in November and December 2004 (Figures 5.6 and 5.7). In short, the wave-induced loss of sediment from the LWD and beach units outweighed the aeolian growth of the foredune units to produce an overall negative mass balance for the north coast during this period.

Figure 5.13. (A) North Beach site June 2004 with well-developed LWD zone. (B) North Beach February 2005 showing removal of LWD zone along with additional foredune scarping, and subsequent deposition of LWD.

(4) February to May 2005 - This was the most active period along the north coast during the study with 16 hours of modelled erosion potential resulting from maximum $R_{2\%}$ of 6.5 m aCD, maximum H_s of 4.9 m aCD and maximum L_o of 19.7 m. This coincided with 252 hours of modelled accretion potential and 191 $m^3\ m^{-1}\ month^{-1}$ of sediment movement at the entire site (Table 5.1). Collectively these conditions resulted in inverse morphological responses between sites.

Site 1 had a negative mass balance (-9 +/-1.8 $m^3\ m^{-1}\ month^{-1}$), which included net losses in the foredune (-2 +/-0.5 $m^3\ m^{-1}\ month^{-1}$), LWD zone (-1 +/-0.2 $m^3\ m^{-1}\ month^{-1}$) and beach (-4 +/-0.7 $m^3\ m^{-1}\ month^{-1}$) units (Table 5.2, Figure 5.1). Despite an overall negative mass balance, aeolian transport acted to reestablish the LWD zone at this site (Figure 5.4.2). Evidence of aeolian transport was demonstrated in the morphology of the beach-dune profile, identifying the [aeolian] development of the LWD zone (Figure 5.15).

Site 2 had an overall positive mass balance (+ 5 +/-1.8 $m^3\ m^{-1}\ month^{-1}$) (Table 5.1), which included a net loss of sediment from the beach unit (-2 +/-0.9 $m^3\ m^{-1}\ month^{-1}$) and net gains in the foredune (+3 +/-0.5 $m^3\ m^{-1}\ month^{-1}$) and LWD units (+1 +/-0.3 $m^3\ m^{-1}\ month^{-1}$) (Table 5.2, Figure 5.6). These conditions did not result in the reestablishment of the LWD zone at Site 2 (Figure 5.4.2), despite evidence of aeolian sediment transport seen in growth of the stoss slope, increased foredune height and lee-side deposition (Figure 5.4.2). In addition to these observations, it appeared that the stoss slope of the Site 1 foredune may have

over-steepened, causing sediment to slough into the LWD zone during this period (Figure 5.12), possibly adding to the increase of sediment in the upper beach at this site.

5.3.2 East Coast

Sediment transport on the east coast varied greatly between sites. Both littoral processes and aeolian transport had distinct differences. For example, Site 4 had a nearshore bar welded to the beach within the study site, providing a large source area for aeolian sediment supply as well as a great quantity of mass acting to dissipate onshore wave energy, thereby buffering the beach-dune system from erosive wave energy.

Although the bar continued north past Site 3, it was not welded to the beach beyond Site 4 (Figure 5.4.4). Site 3, as a result, was exposed to wave attack at higher water levels and somewhat protected at lower water levels. The nearshore bar was not welded at this site and acted to dissipate onshore wave energy during lower water levels, thus reducing wave runup during lower-to mid-water levels.

(1) February to May 2004 – Along the east coast, 861 hours of accretion potential along with 201 $m^3\ m^{-1}\ month^{-1}$ of drift potential were modelled for this period (Table 5.2). During this time, only eight hours of erosion potential were calculated (Table 5.2). The wind climate included a mean U_{10} of 10.9 $m\ s^{-1}$ with

gusts up to 22.0 m s^{-1} from, on average, a direction of 124^{o} (Table 5.1). These conditions lent themselves to an overall positive mass balance at Site 3 (+ 2 +/- 1.8 m^3 m^{-1} $month^{-1}$, despite this, there were net losses in both beach (- 3 +/-0.3 m^3 m^{-1} $month^{-1}$) and LWD (- 1 +/-0.4 m^3 m^{-1} $month^{-1}$) geomorphic units. This net loss of sediment in both the beach and LWD units was outweighed by net accretion of the foredune, resulting in an overall positive mass balance. The beach profiles reveal a much steeper beach slope in addition to transport of sediment landward of the foredune crest. This finding documents net erosion of the beach and backshore units concurrent with landward retreat of the foredune.

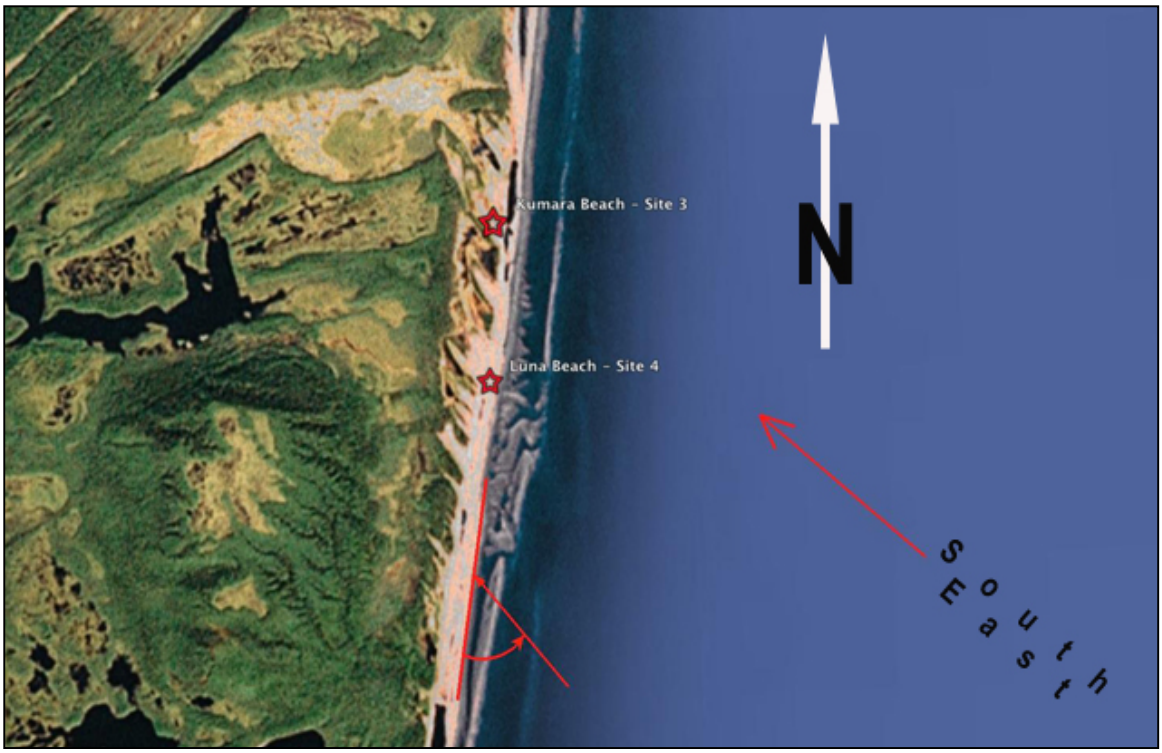

Figure 5.14. Study sites on east coast of northeastern Graham Island, Haida Gwaii, BC. Apparent in this aerial photograph is the welded nearshore bar at Lumme Beach and the lack of welding at Kumara Beach. Also evident is the southeast-alignment of the east coast dunes. Image from Goggle Earth, May 2005.

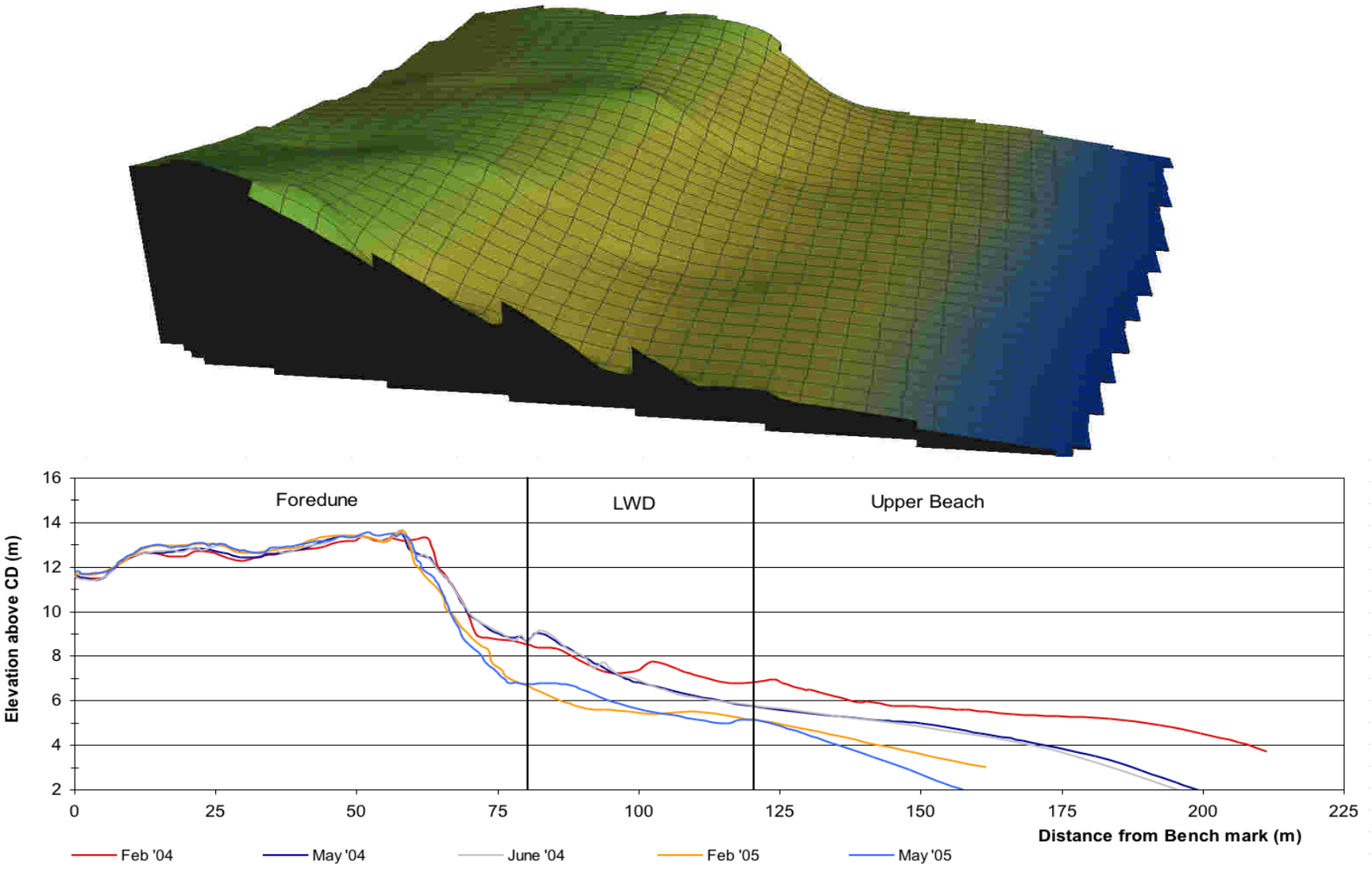

Figure 5.15. Site 3 (Kumara Beach) DEM and cross-shore profiles indicating maximum runup elevations in relation to the lower limit of the LWD zone.

(2) May to July 2004 – Ten hours of modelled erosion potential coincided with the net loss of -69 +/-1.8 $m^3 m^{-1}$ $month^{-1}$ of sediment from Site 4 (Table 5.1). No $R_{2\%}$ events were calculated to exceed the beach-dune junction threshold elevation (6.5 m) during this time (Figure 5.4), as evidenced by moderate wave conditions — a maximum water level of 6.1 m aCD, maximum H_s of 1.7 m aCD, maximum L_o of 9.5 m and maximum U_{10} 9.5 m s^{-1} from, on average, 090° (Table 5.1). These ten erosion potential hours appeared to reduce the elevation of the beach face, deposit sediment on the lee side of the nearshore bar and result in a landward retreat of the stoss slope of the LWD zone (Figure 5.4.6). This supports the idea that moderate wind and wave climates are morphologically significant.

(3) July 2004 to February 2005 – This survey period contained by far the greatest frequency of accretion potential hours throughout the study. During this period 1,510 hours (31 % of the time) of accretion potential were modelled (Table 5.2). This translated into 246 $m^3 m^{-1}$ $month^{-1}$ of modelled drift potential for the east coast. During this period mean U_{10} was 10.9 m s^{-1} with gusts up to 22.0 m s^{-1} from an average direction of 124° (Table 5.2).

Twenty-eight hours of erosion potential were also modelled for Site 3 and 34 hours were modelled for Site 4 (Table 5.1). These conditions produced the largest $R_{2\%}$ events calculated (6.9 m aCD). As such, erosion potential during this period was the product of the highest observed water level (6.4 m), the longest recorded wave length (L_o 23.3 m) and the second highest wind speed (17.3 m s^{-1}) (Table 5.1).

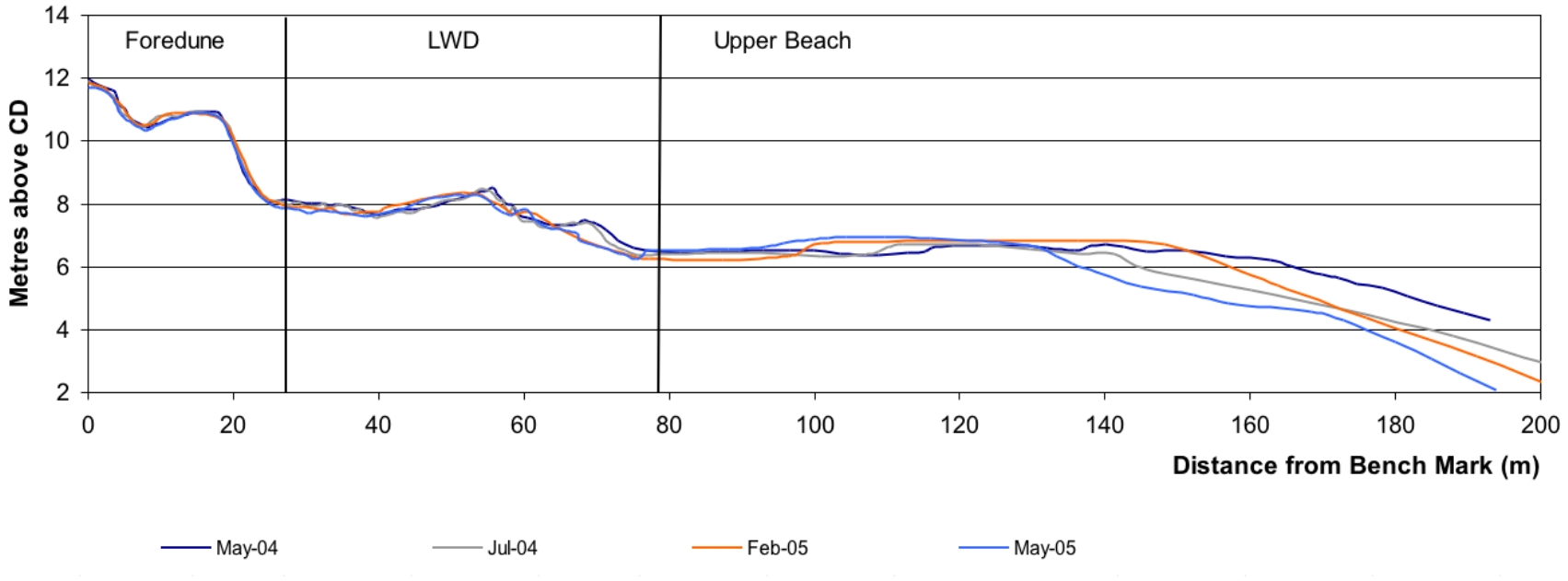

Figure 5.16. Site 4 (Lumme Beach) Cross-shore profiles indicating maximum runup elevations in relation to the lower limit of the LWD zone.

These conditions resulted in the negative mass balance at Site 3 (-57 +/-0.9 m^3 m^{-1} $month^{-1}$), evidenced by the complete removal of the LWD zone and heavy scarping of the stoss slope of the foredune (Figures 5.15 and 5.17). Significant erosion was accompanied by a two-metre decrease in beach-dune junction elevation and a landward retreat of the stoss slope and foredune crest of 45 cm (Figure 5.15). Despite large amounts of erosion of the stoss slope at this site, the foredune unit demonstrated no net change in mass balance (Table 5.1). This outcome is interpreted as support for a landward transport of sediment during high wind and wave conditions that also resulted in significant erosion of the beach and backshore systems. In contrast, during this time Site 4 experienced a positive mass balance (+47 +/-0.9 m^3 m^{-1} $month^{-1}$)(Figure 5.6).

Increased volume of the beach unit (+7 +/-0.4 m^3 m^{-1} $month^{-1}$) and LWD zone (+1 +/-0.4 m^3 m^{-1} $month^{-1}$) was consistent with modelled accretion potential for Site 4 (Table 5.2). The foredune, however, showed no net change (Table 5.2). Observed aeolian morphology in the beach and LWD units indicate that accretion potential was effectively modelled, as evidenced by movement of sediment from the shoreward face of the LWD zone to the lee side (Figure 5.16). Additionally, measuring no net change in the foredune does not indicate that no sediment transport occurred. For example, in a previous study at this location, Anderson and Walker (2006) concluded that the foredune blowout acted as a conduit, funneling sediment from the backshore, through the foredune and hundreds of metres into the backdune complex via modified saltation and grainfall delivery.

Calculated erosion potential did not appear to describe the actual erosion of the beach-dune system at Site 4 during this period. As the nearshore bar was welded to the beach at this location, storm waves may have interacted with this sediment mass and reduced wave energy before approaching the beach-dune junction elevation (6.5 m) and LWD zone. This is evidenced in the beach-dune profiles, which demonstrate that sediment was moved from the shoreward face of the bar to the lee side of the bar (Figure 5.16).

Figure 5.17. (A) Kumara Beach, July 2004, facing north with well-developed LWD zone (B) Kumara Beach, February 2005, following the wave-scarping and subsequent removal of the LWD zone.

(4) February to May 2005 – During the final survey period, modelled accretion and drift potential were identical for sites 3 and 4 while erosion potentials were vastly different. Site 4 was modelled to have four-fold the erosion potential of Site 3.

Thirty-seven hours of erosion potential were modelled for Site 4, the greatest amount of erosion potential hours modelled throughout the study (Table 5.1). Due to a difference in beach slope, Site 3 was modelled to have only 9 hours of erosion potential (Table 5.1). The wave climate responsible for this included a maximum water level of 6.0 m aCD, maximum H_s of 5.9 m aCD, maximum L_o of 21.3 m and maximum U_{10} of 16.8 m s^{-1} from, on average, 146^o (Table 5.1).

Erosion potential during this time coincided with a negative mass balance for all geomorphic units at Site 4 (-218 +/-3.5 m^3 m^{-1} $month^{-1}$) (Figure 5.4), the beach had a net loss of -35 +/-0.9 m^3 m^{-1} $month^{-1}$; the LWD lost -14 +/-0.9 m^3 m^{-1} $month^{-1}$; and, the foredune lost -6 +/-0.5 m^3 m^{-1} $month^{-1}$ (Table 5.1 and Figure 5.4). Morphologically, evidence of high-energy wave action is presented in Figure 5.17, which shows sediment was moved from the shoreward face of the nearshore bar to the leeward slope. This corroborates both the accuracy of modelled erosion potential hours and the effect the nearshore bar has on high-energy waves.

Site 3 experienced a positive mass balance of the foredune (+5 +/-1.5 m^3 m^{-1} $month^{-1}$) and LWD (+3 +/-0.4 m^3 m^{-1} $month^{-1}$) units (Table 5.2) in addition to the rebuilding of a LWD zone (Figure 5.4.6). Nine hundred and five accretion potential hours were modelled along with drift potential of 257 m^3 m^{-1} $month^{-1}$. Oblique (133^o) onshore transporting winds likely interacted with the wave-scarped foredune, to cause deposition of entrained sediment in the LWD, consistent with the observed development of the LWD zone (Figure 5.15).

6 Discussion

Process-response investigations in coastal settings require, at the very least, consideration of the main drivers of the various processes. The main drivers of erosional beach-dune morphodynamics in Haida Gwaii are the wind and wave climates as they pertain to total water levels. Extreme water levels with persistent onshore wind and waves present a strong likelihood of eroding beach-dune systems.

Low-frequency high-magnitude water levels contribute to erosion of these beach-dune systems. This process appears to be governed by seasonal weather patterns (Abeysirigunawardena and Walker, 2008; Walker and Barrie, 2006) such that the bimodal wind and wave regimes in this region determine which coastlines, in which seasons, receive high and low magnitude wind and water levels. In general, low-pressure southeasterly storms in the winter are responsible for east coast erosion and high-pressure northwesterly storms in the spring/summer are responsible for north coast erosion.

6.1 Beach-Dune Erosion Potential and Morphological Response

When elevated tidal water levels, storm surge, and wave energy are combined with persistent onshore winds, the probability for erosion of the beach-dune system is increased. This section discusses characterizing coastal erosion in the study region through modelled wave attack superimposed on the beach-dune DEMs to validate the observed morphological responses and fluctuations in mass balance.

To date, most modelling of shoreline erosion has focused on limited components of coastal processes to describe erosion of beach systems. For example, Allan and Komar (2002) investigated coastal erosion along the Oregon coast using Holman's $R_{2\%}$ approach but excluded onshore wind and duration from their analysis. In northeastern Haida Gwaii, it was specifically onshore wind that drove wave runup, and therefore water levels, beyond the beach-dune junction elevation, resulting in erosion of the beach-dune system (Figure 6.1).

When Allan and Komar (2002) applied Holman's $R_{2\%}$ approach, like that of Zhang et *al*. (2001), they addressed morphology and beach response from an observational perspective. Although they were able to describe conditions when erosion occurred with this approach, Allan and Komar (2002) also excluded wind direction and assumed that the highest modelled wave runup was accompanied by onshore wind and, therefore, described the observed erosion. In northeastern Haida Gwaii, however, there were conditions when high water levels were accompanied by offshore wind, and very little erosion occurred (Figure 6.1B). Similarly, Ruz and Meur-Ferec (2004) used observed water levels to determine potentially erosive events. They, too, excluded onshore wind and wave conditions as components of erosion.

Figure 6.1. High water levels along the coast of Haida Gwaii, British Columbia. A) North Beach near Site 1 experiencing high water levels during low-pressure conditions, at this time winds were not directed onshore. Photo taken in February 2004; (B) East Beach, Cape Fife north of Site 3 experiencing high water levels during low-pressure conditions. At this time wind and wave action was directed onshore, as evidenced by wave runup and onshore wave attack, Photo was taken February 2005.

High water levels are of vital importance for coastal erosion insofar as determining the maximum elevation of onshore wave attack (Kirk at al., 2000). Onshore storm wave attack has a much greater erosive potential than high water levels themselves. In Allan and Komar's (2002) analysis, it is questionable to suggest that storm wave attack was, in fact, onshore and coincided with maximum water levels (observed tide + $R_{2\%}$), since wind direction was not part of their analysis. In northeastern Haida Gwaii, high water levels occurred during both onshore and offshore conditions (Figure 6.1). Wave-induced erosion, however, only occurred typically during onshore wind and wave events.

Wave-induced erosion of coastlines depends on the maximum elevation achieved by water levels, relative to the beach-dune junction elevation (Ruggiero et al., 2001). In northeastern Haida Gwaii, the average elevation of the beach-dune junction was 6.5 m aCD. When the incipient foredune (LWD zone) was well developed and the beach-dune junction elevation was above 6.5 m aCD the beach-dune system was buffered against onshore wave attack. Conversely, when the incipient foredune was absent and the beach-dune junction elevation was below 6.5 m aCD the beach-dune system was vulnerable to wave-induced erosion.

Along the Oregon coast Ruggiero et al. (2001) used the combination of observed tides and wave runup (Holman's $R_{2\%}$) to model wave induced erosion via impact hours per year. Their approach to modeling wave attack is commendable in that

they combined observed tides with wave runup hours to determine erosion potential hours. Again, a limitation to their approach was that it did not link the wave runup results to the morphological response of the beach system. Within this thesis, it was it was the morphological response of the beach-dune system that was used to validate the erosion potential model. In northeastern Haida Gwaii there was a direct link between increased erosion potential hours (wave impact hours) and decreased mass balance of the beach-dune system (Table 6.1).

Table 6.1. Modelled maximum erosion potential results from each site presented with measured volumetric responses for each study site.

Site	Season	Modelled Erosion Potential	Volumetric Response
1	Winter 2004	7 Hours	-19 +/-0.9 m^3 m^{-1} $month^{-1}$
2	Winter 2004	7 Hours	-5 +/-0.9 m^3 m^{-1} $month^{-1}$
3	Winter 2005	28 Hours	-44 +/-0.9 m^3 m^{-1} $month^{-1}$
4	Spring 2005	37 Hours	-24 +/-3.5 m^3 m^{-1} $month^{-1}$

Zhang et *al*. (2001) developed the storm erosion potential index that included hourly data such as storm surge and high-water levels but, again, excluded consideration of beach morphology and mass balance. Like Zhang et *al*. (2001) and Rugerio et *al*. (2001), Allan and Komar (2002) did not survey the beach in order to ascribe modelled wave attack and/or erosive conditions to the observed beach response. A direct contribution of this thesis was to compare the modelled

wave conditions and erosion potential hours to measured mass balance of the beach-dune system.

Onshore wave runup that exceeded the beach-dune junction (6.5 m aCD) occurred on the east coast typically during southeasterly storms and along the north coast typically during northwesterly storms. Decreased mass balance along both coasts, as defined by erosion of the LWD zone and beach-dune units, occurred in response to modelled erosion potential hours (Table 5.1). The observed correspondence between modelled erosion potential and observed mass balance suggests that Holman's $R_{2\%}$, superimposed on total water levels during onshore wind events, described erosion in this environment very well. This suggests that modelled erosion potential is an appropriate method for identifying onshore wave events capable of exceeding the beach-dune junction elevation, as well as for describing potential removal of the LWD and/or incipient dune features.

The findings presented in Table 6.1 corroborate those of Ruggiero et *al*. (2001) who suggested that beaches that experience greater than 10 erosion potential hours per year tended to be erosional. In addition, these findings support other runup studies from Australia (Nielsen and Hanslow, 1991), New Zealand (Kirk et *al*., 2000) and Washington, Oregon and California (Allan and Komar, 2006) that have applied Holman's $R_{2\%}$ to describe coastal erosion on similar beach types.

A limitation to these, and many other, existing erosion models and/or equations is that they do not include onshore wind (Ward et *al*., 1998) to determine storm direction and duration (Zhang et *al*., 2001). The development of this erosion potential model was specifically intended to address this void. In response to the above-mentioned limitations, this thesis aimed to combine total water levels (predicted and observed tide) with wave runup formulae, specifically during onshore wind and wave events, to better quantify the morphological responses and mass balance of shorelines in northeastern Haida Gwaii.

6.2 Beach-Dune Accretion Potential and Morphological Response

When persistent onshore winds, adequate fetch and available sediment supply are combined with little or no precipitation, there is an increased probability for sediment transport and increased mass balance of the beach-dune system. This section will further explore this by discussing modelled drift potential and accretion potential hours in Haida Gwaii to validate observed morphological response.

In Haida Gwaii, onshore winds tend to originate from two distinct directions: (1) southeast producing oblique/alongshore winds on the east coast; and, (2) northwest producing oblique/alongshore winds on the north coast. Along dune systems like those in northeastern Haida Gwaii, oblique winds tend to be deflected crest normal via topographic forcing and steering (Arens et *al*., 1995; Jackson, 1977; Rasmussen, 1989; Svasek and Terwindt, 1974; Walker et *al*., 2003). Ultimately, topographic steering of winds results in sediment deposition at

the dune toe (Bullard et al., 2000; Walker et al., 2003). The dune toe in Haida Gwaii is, however, littered with LWD that increases beach surface roughness. As a result, the LWD acts effectively as an 'accretion anchor' to entrained sediment (Walker and Barrie, 2006). This was evidenced by rapid deposition of sediment within the LWD zone on both coasts immediately following wave-scarping events.

The LWD is deposited in the backshore by storm-water levels following wave-scarping events (Figure 6.1A). Once deposited, the LWD provided increased surface roughness to oblique or alongshore winds. As previously stated, oblique winds tend to 'do more work' than onshore winds, as they act to increase the effective sediment fetch (Jackson and Cooper, 1999). These notions were clearly evidenced through the rapid development of LWD zones throughout this study (Figure 5.4.3A). For example, immediately following each of the three major erosional events, aeolian sediment transport resulted in increased mass balance of the LWD zone within several months (two to four).

Sediment transport has been well documented in many settings and although this work has provided key insights for aeolian geomorphology, what remains to be investigated in coastal environments is a model characterizing the aeolian accretion potential of wave-scarped beach-dune systems. This thesis demonstrates that LWD on western Canadian beaches has a distinct affect on aeolian sand transport and, thus, influences the interannual mass balance of these systems. When compared to Hesp's (1983) dune evolution model, LWD

appears to accelerate incipient dune growth by contributing a roughness effect that is much greater than that generated by pioneer vegetation.

Fryberger and Dean's (1979) DP model was used to model aeolian rebuilding, or accretion potential, in this thesis. As this model was developed for desert conditions, it assumes that sediment is dry and available for aeolian transport. Along beaches in western Canada, however, this is not always the case. During the development of the accretion potential model, it was necessary to incorporate other components such as beach width, onshore winds and moisture effects. To do this however it was necessary to generalize these conditions. For example, since Fryberger and Dean's (1979) model assumes transport was possible if U_{10} was above 6 m s^{-1}, it was necessary to use precipitation data to exclude conditions (hours) when precipitation occurred, despite competent winds, and when sediment was presumably not available for transport. Similarly, total modelled water levels were used as a proxy for beach width, assuming that any unit of beach width, during times with no precipitation, was synonymous with available fetch.

A limitation to both the accretion potential model and the use of Fryberger and Dean's (1979) DP calculation is that each assumes no losses of sediment due to other processes, such as wave attack. For example, when used to model accretion potential the end result is a DP volume (m^3 m^{-1} $month^{-1}$) that reflects the total possible transported sediment for that period. Inevitably, during this

same period wave action has removed some quantity of the sediment. Therefore, if accretion was modelled for the first half of the survey period and high water levels accompanied by onshore wave attack occurred near the end of the survey period, then the mass balance data do not represent accretion potential very well; in fact, the data would reflect no accretion and corroborate the erosion potential results.

When erosive events removed sediment from the LWD zone beach-dune profiles were able to confirm aeolian sediment transport had still occurred through increased foredune height, lee-side deposition and, in the case of the east coast, a landward migration of the foredune crest and stoss slope. Often the erosive event removed more sediment from the LWD zone than had accreted during that time. In this situation the mass balance for the LWD zone, or any other geomorphic unit, would be negative, despite evidence of aeolian transport.

During the winter of 2004 the north coast sustained an onshore wind and wave event that removed the LWD zone from both north coast sites (Table 5.1). This period was modelled to contain 585 hours of accretion potential and / or 85 m^3 m^{-1} $month^{-1}$ of modelled drift potential. Beach-dune surveys for this period, however, indicated a negative mass balance at both sites (Table 5.2). The observed morphological response confirmed the rebuilding the LWD zone at each site and served to validate the modelled accretion and drift potential results, despite negative mass balance results.

The observed correspondence between modelled accretion potential hours, and observed morphological response, such as development of the LWD zone or increased foredune height suggest this approach performs reasonably well for northeastern Haida Gwaii (Table 5.2). With that, the development of this accretion potential model was intended to be inclusive of four key components: (1) onshore wind above transport threshold of 6 m s^{-1}, (2) duration of transport conditions, (3) sufficient beach width for entrainment (i.e. water levels below 6.0 m aCD); and, (4) an absence of precipitation.

6.3 Beach-Dune Mass Balance and Morphological Responses

Along the east coast, erosion of the bluff systems at Cape Ball and Cape Fife has provided sediment to the subaerial beach/littoral zone for more than 3000 years (Wolfe et al. 2008). Along this coastline, high-energy onshore wind transports considerable quantities of available sediment landward of the foredune crest (Anderson and Walker, 2006). This process maintains a positive mass balance of the foredune systems on the east coast (Walker and Barrie, 2006).

Similarly, high onshore wave energy erodes considerable quantities of sediment from the LWD zone along the east coast (Site 3 - December 2004) that is then transported northward, in the littoral zone, towards Rose Spit (Zantvoort, 2008). This process provides sediment to the north coast, which maintains a positive mass balance, as evidenced by more than 3000 years of prograding foredunes (Wolfe et al., 2008).

Common to both coastlines is LWD, which has been described as an accretion anchor for saltating sand grains (Walker and Barrie, 2006). The presence of LWD in the backshore provides increased roughness, which results in deposition of sediment. This was evidenced after each wave-scarping event during the study as rapid infilling of the LWD resulted in development of the incipient foredune (2-3 months). Considering that incipient dune growth is primarily a result of flow-field alteration (Hesp, 1981), and LWD increases roughness in the backshore, it is suggested that LWD provides an amplified flow-form response resulting in a positive mass balance of the LWD zone. This explains the very short recovery time of the LWD zones to wave scarping events.

Wave scarping events are the result of high-magnitude low-frequency storms, which generate water levels that exceed the beach-dune junction elevation of 6.5 m aCD. During these conditions, erosion and decreased mass balance occur throughout the beach-dune system (Table 5.2). In Hecate Strait high-magnitude events are generated during low-pressure, southeasterly storms, which affect erosion on the east coast. In Dixon Entrance high-pressure, northwesterly storms affect erosion on the north coast. Given this, it appears that the frequency of high-magnitude events may define the long-term net loss of sediment from these beach-dune systems; similarly, the frequency of low-moderate-magnitude events defines the recovery time and long-term positive mass balance of these beach-dune systems.

7 Summary and Conclusions

In the past decade, several authors have combined observed water levels with $R_{2\%}$ exceedence maxima to model storm-induced erosion. Few studies, however, have combined this particular application with the morphological response and mass balance of the beach-dune system. By superimposing $R_{2\%}$ on observed water levels and modeling onshore storm duration this study was able to calculate wave impact hours exceeding the beach-dune junction elevation (6.5 m aCD). The subsequent morphological response of the LWD zone was captured through the DEMs, which provided quantification of the mass balance of the beach-dune system.

The erosion potential model expanded on Holman's (1986) approach by combining observed water levels with onshore wave attack. The model performed well on these low-gradient beaches. The model was, however, unable to consistently explain conditions when erosion occurred at Site 4. The presence of the welded-nearshore bar was evidently beyond the scope of Holman's equation, which assumed an even beach slope.

The presence of LWD in the backshore had a significant impact on sediment transport and cycling. As Walker and Barrie (2006) described, modern established foredunes in the study region tend to have LWD cores, which suggests that LWD operates as a stabilization mechanism. This process was supported by persistent onshore/alongshore winds, and resultant increased

fetch. Accretion potential modelling was applied to investigate the rebuilding of the LWD zone in response to wave scarping events.

Accretion potential modelling effectively describes conditions when accretion (m^3 m^{-1} $month^{-1}$) of the beach-dune system occurs. This approach of accretion potential modelling was, however, a simplistic method that possibly favored entrainment over deposition. The importance of deposition was evidenced following each foredune-scarping event, as development of the LWD zone occurred rapidly in relation to modelled accretion potential hours. Along the northeastern coastlines of Haida Gwaii sediment deposition appears to be a function of both increased roughness, via LWD, and the wave-scarped foredunes, which produce stagnation zones.

Wave-scarped foredunes appear to contribute to the development of LWD zones in two ways: (1) they produce stagnation zones at their base which forced deposition of sediment in response to airflow deceleration and stagnation; and, (2) they act as a physical barrier - often 1.5 m (north coast) and 3 m (east coast) - to saltating sand grains, which further forces deposition of sediment in the LWD-laden backshore. That said, wave scarping of the foredune appears to create ideal conditions for deposition of sediment and rebuilding of the LWD zone. Wave-scarped foredunes may also slump sediment from an over-steepened erosional face.

Wave runup and high water events, as modelled through erosion potential, remove sediment from the LWD zone and foredune systems. Persistent onshore winds, as modelled through accretion potential, brought sediment back into the backshore and foredune. This suggests that fluctuations in the wind and wave climates determined the morphological behaviour of the beach-dune system.

Comparatively few studies have addressed both the erosion and attendant rebuilding of sediment from beach-dune systems, particularly on Canadian beaches. To address this research gap, this study presented the wind and wave climate conditions responsible for wave-scarping events and the wind climate responsible for sediment transport and therefore, rebuilding of the LWD zone.

The main conclusions of this study are:

1. Water levels greater than 6.5 m aCD, resulted in erosion of the LWD zone;
2. Superimposing Holman's (1986) $R_{2\%}$ on observed water levels (tide + surge) to model erosion potential hours was an effective platform for modeling exceedence of the beach-dune junction elevation (6.5 m aCD), as evidenced by the correspondence between modeled runup elevations and geomorphic evidence of wave-scarping;
3. Accretion potential calculations were able to effectively describe conditions when accretion occurred in Haida Gwaii; however, rebuilding of the LWD zone was less dependent on increased

transport and more dependent on increased deposition, encouraged by the presence of LWD;

4. The presence of LWD fronting the foredune in the backshore acted effectively as an ‘accretion anchor’, promoting increased mass balance and rebuilding of the beach-dune system.

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Appendix 1 – Beach-Dune Profiles

Metadata:

The below data was collected with a Topcon GTS total station. The reference coordinate datum is WGS84 and all sites are in UTM zone 9 U. The vertical reference is Chart Datum (CD) and CDZ the vertical m aCD.

List of study site benchmarks:

Site 1 BM	**313815.00 E**	**5994485.00 N**	**9.61 m CD**	**Top Rebar BM**
Site 2 BM	**318198.34 E**	**5995743.68 N**	**9.46 m CD**	**Top Rebar BM**
Site 3 BM	**324779.00 E**	**5994272.00 N**	**19.08 m CD**	**Top Rebar BM 1**
Site 4 BM	**324552.00 E**	**5993134.00 N**	**11.58 m CD**	**Top Rebar BM 2**

Each survey is referenced to the top of rebar benchmark (BM) at each site. The row labeled bottom of rebar BM was used to cross check that no errors were present in the setup; although the elevation of the sand surface was different at each survey what this identifies is that the readings were close enough (cm/mm) that no macro error exist in the data.

During the collection of survey data many morphological notes were collected to supplement the survey data. This column is labeled ‘Pcode’ in the below list. This column generally describes the morphology of what is being surveyed. Below is a list of acronyms for these Pcodes. Many of these codes have a number preceding them. This number corresponds to which primary line it is being surveyed. For example both north coast sites have three primary lines. Therefore, the numbers 1, 2 and 3 would precede the code – 3BKDN means line 3 and morphology is backdune.

Pcode	Explanation	Notes
TRLN	Treeline/Forest edge	
BKDN	Backdune	
FRDN	Foredune	
SCRP	Scarp	
RMP	Ramp	
TOE	Foredune toe	
FTWD	Foredune toe and LWD zone junction	
DRFTWD/ DSM	LWD zone	
DRFTWDSND	LWD zone	
BKSHR	Backshore	
SAND/SND	Beach unit	
BCH	Beach unit	
HGTDLN	High tide line	
SNDCBL	Sand cobble beach	
TR		
LN/LINE	Secondary line	Numbers indicate separate lines
END	End of line	
OWL	Ocean water line	Record time of day

Pt. #	Site	Date	Easting	Northing	CDZ	Pcode
1	1	**23-Feb-04**	**313815.00**	**5994485.00**	**9.61**	**Top Rebar BM**
2	1	**23-Feb-04**	**313815.00**	**5994485.00**	**9.25**	**Btm Rebar BM**
3	1	23-Feb-04	313822.92	5994471.43	9.14	TRLN
4	1	23-Feb-04	313822.34	5994472.40	9.27	BKDN
5	1	23-Feb-04	313821.87	5994473.17	9.39	2BKDN
6	1	23-Feb-04	313821.27	5994474.03	9.48	2BKDN
7	1	23-Feb-04	313820.96	5994474.65	9.28	2BKDN
8	1	23-Feb-04	313820.60	5994475.23	9.33	2BKDN
9	1	23-Feb-04	313820.12	5994476.06	9.49	2BKDN
10	1	23-Feb-04	313819.72	5994476.75	9.59	2BKDN
11	1	23-Feb-04	313819.28	5994477.38	9.75	2BKDN
12	1	23-Feb-04	313818.96	5994477.96	9.57	2BKDN
13	1	23-Feb-04	313818.71	5994478.52	9.51	2BKDN
14	1	23-Feb-04	313818.32	5994479.09	9.55	2BKDN
15	1	23-Feb-04	313818.03	5994479.61	9.52	2BKDN
16	1	23-Feb-04	313817.59	5994480.26	9.39	2BKDN
17	1	23-Feb-04	313817.27	5994480.84	9.27	2BKDN
18	1	23-Feb-04	313817.00	5994481.42	9.28	2BKDN
19	1	23-Feb-04	313816.64	5994482.06	9.20	2BKDN
20	1	23-Feb-04	313816.29	5994482.65	9.31	2BKDN
21	1	23-Feb-04	313816.02	5994483.17	9.40	2BKDN
22	1	23-Feb-04	313815.70	5994483.82	9.56	2BKDN
23	1	23-Feb-04	313815.44	5994484.30	9.61	2BKDN
24	1	23-Feb-04	313814.61	5994485.65	9.56	2BKDN
25	1	23-Feb-04	313814.20	5994486.34	9.63	2BKDN
26	1	23-Feb-04	313813.91	5994486.83	9.51	2BKDN
27	1	23-Feb-04	313813.64	5994487.28	9.35	2BKDN
28	1	23-Feb-04	313813.32	5994487.81	9.29	2BKDN
29	1	23-Feb-04	313812.94	5994488.36	9.11	2BKDN
30	1	23-Feb-04	313812.68	5994488.72	9.07	2FRDN
31	1	23-Feb-04	313812.39	5994489.20	9.08	2FRDN
32	1	23-Feb-04	313812.06	5994489.82	9.13	2FRDN
33	1	23-Feb-04	313811.62	5994490.41	9.37	2FRDN
34	1	23-Feb-04	313811.11	5994491.23	9.55	2FRDN
35	1	23-Feb-04	313810.66	5994492.00	9.78	2FRDN
36	1	23-Feb-04	313810.36	5994492.57	10.01	2FRDN
37	1	23-Feb-04	313810.11	5994492.93	10.03	2FRDNCRST
38	1	23-Feb-04	313809.75	5994493.72	9.88	2FRDN
39	1	23-Feb-04	313809.25	5994494.42	9.61	2FRDN
40	1	23-Feb-04	313808.61	5994495.35	9.55	2FRDN
41	1	23-Feb-04	313808.02	5994496.46	9.41	2FRDN
42	1	23-Feb-04	313807.25	5994497.73	9.36	2FRDN
43	1	23-Feb-04	313806.39	5994499.23	9.26	2FRDN
44	1	23-Feb-04	313805.68	5994500.39	9.08	2FRDN
45	1	23-Feb-04	313804.83	5994501.49	8.89	2SCRPEDG
46	1	23-Feb-04	313804.42	5994502.50	7.74	2SCRPBS
47	1	23-Feb-04	313804.21	5994502.90	7.70	2DFTWD
48	1	23-Feb-04	313803.76	5994503.80	7.69	2DFTWD

49	1	23-Feb-04	313803.24	5994504.36	7.69	2DFTWD
50	1	23-Feb-04	313802.86	5994504.99	7.63	2DFTWD
51	1	23-Feb-04	313802.09	5994505.89	7.54	2DFTWD
52	1	23-Feb-04	313801.40	5994507.11	7.51	2SND
53	1	23-Feb-04	313800.71	5994508.23	7.45	2SND
54	1	23-Feb-04	313800.23	5994509.63	7.38	2SND
55	1	23-Feb-04	313799.45	5994510.96	7.31	2SND
56	1	23-Feb-04	313798.39	5994512.60	7.18	2SND
57	1	23-Feb-04	313797.38	5994514.39	7.08	2SND
58	1	23-Feb-04	313796.32	5994516.14	6.98	2SND
59	1	23-Feb-04	313795.34	5994517.83	6.89	2SND
60	1	23-Feb-04	313794.14	5994519.83	6.78	2SND
61	1	23-Feb-04	313792.83	5994522.10	6.68	2SND
62	1	23-Feb-04	313791.36	5994524.64	6.56	2SND
63	1	23-Feb-04	313789.46	5994527.60	6.44	2SND
64	1	23-Feb-04	313788.14	5994529.94	6.35	2SND
65	1	23-Feb-04	313786.41	5994532.94	6.28	2SND
66	1	23-Feb-04	313784.55	5994536.06	6.20	2SND
67	1	23-Feb-04	313782.60	5994539.36	6.07	2SND
68	1	23-Feb-04	313780.92	5994542.18	5.99	2SND
69	1	23-Feb-04	313779.03	5994545.23	5.94	2SND
70	1	23-Feb-04	313777.15	5994548.52	5.88	2SND
71	1	23-Feb-04	313775.08	5994551.85	5.80	2SND
72	1	23-Feb-04	313773.10	5994555.49	5.72	2SND
73	1	23-Feb-04	313771.01	5994559.22	5.62	2SND
74	1	23-Feb-04	313768.72	5994563.58	5.53	2SND
75	1	23-Feb-04	313766.21	5994568.09	5.45	2SND
76	1	23-Feb-04	313762.72	5994572.39	5.35	2SND
77	1	23-Feb-04	313760.04	5994576.57	5.26	2SND
78	1	23-Feb-04	313756.84	5994581.45	5.19	2SND
79	1	23-Feb-04	313753.54	5994586.13	5.10	2SND
80	1	23-Feb-04	313750.77	5994590.41	5.03	2SND
81	1	23-Feb-04	313748.66	5994595.32	4.96	2SND
82	1	23-Feb-04	313746.44	5994599.02	4.90	2SND
83	1	23-Feb-04	313744.25	5994602.63	4.82	2SND
84	1	23-Feb-04	313742.86	5994604.89	4.79	2OWL1235
85	1	23-Feb-04	313739.40	5994598.61	4.83	3OWL1236
86	1	23-Feb-04	313742.33	5994594.01	4.92	3SND
87	1	23-Feb-04	313745.97	5994587.68	5.02	3SND
88	1	23-Feb-04	313749.63	5994581.12	5.12	3SND
89	1	23-Feb-04	313753.64	5994573.97	5.24	3SND
90	1	23-Feb-04	313758.03	5994566.65	5.39	3SND
91	1	23-Feb-04	313762.48	5994559.32	5.53	3SND
92	1	23-Feb-04	313766.36	5994552.63	5.67	3SND
93	1	23-Feb-04	313770.60	5994545.35	5.84	3SND
94	1	23-Feb-04	313774.64	5994538.23	6.02	3SND
95	1	23-Feb-04	313778.54	5994531.68	6.20	3SND
96	1	23-Feb-04	313782.58	5994524.94	6.39	3SND
97	1	23-Feb-04	313786.12	5994518.81	6.66	3SND
98	1	23-Feb-04	313789.52	5994513.07	6.97	3SND
99	1	23-Feb-04	313792.19	5994508.26	7.24	3SND

100	1	23-Feb-04	313793.21	5994506.41	7.37	3SND
101	1	23-Feb-04	313793.87	5994505.20	7.40	3SND
102	1	23-Feb-04	313794.66	5994503.68	7.50	3DFTWD
103	1	23-Feb-04	313795.52	5994502.21	7.61	3DFTWD
104	1	23-Feb-04	313795.95	5994501.51	7.65	3DFTWD
105	1	23-Feb-04	313796.45	5994500.68	7.64	3DFTWD
106	1	23-Feb-04	313796.97	5994499.85	7.70	3DFTWD
107	1	23-Feb-04	313797.39	5994499.18	7.73	3DFTWD
108	1	23-Feb-04	313797.78	5994498.60	7.77	3DFTWD
109	1	23-Feb-04	313798.26	5994497.91	8.07	3SCRPBS
110	1	23-Feb-04	313798.48	5994497.54	8.77	3SCRPEDG
111	1	23-Feb-04	313798.80	5994496.67	8.97	3FRDN
112	1	23-Feb-04	313799.17	5994496.13	9.09	3FRDN
113	1	23-Feb-04	313799.75	5994495.21	9.10	3FRDN
114	1	23-Feb-04	313800.24	5994494.46	9.18	3FRDN
115	1	23-Feb-04	313800.53	5994493.93	9.46	3FRDN
116	1	23-Feb-04	313800.82	5994493.29	9.58	3FRDN
117	1	23-Feb-04	313801.36	5994492.40	9.56	3FRDN
118	1	23-Feb-04	313801.88	5994491.54	9.68	3FRDN
119	1	23-Feb-04	313802.43	5994490.73	9.81	3FRDN
120	1	23-Feb-04	313803.28	5994489.59	9.85	3FRDN
121	1	23-Feb-04	313803.96	5994488.28	9.90	3FRDN
122	1	23-Feb-04	313804.34	5994487.53	9.96	3FRDN
123	1	23-Feb-04	313804.80	5994486.61	9.95	3FRDN
124	1	23-Feb-04	313805.14	5994485.96	9.83	3FRDN
125	1	23-Feb-04	313805.39	5994485.46	9.63	3FRDN
126	1	23-Feb-04	313805.69	5994484.94	9.17	3FRDN
127	1	23-Feb-04	313806.10	5994484.34	9.20	3BKDN
128	1	23-Feb-04	313806.70	5994483.02	9.51	3BKDN
129	1	23-Feb-04	313807.08	5994482.31	9.62	3BKDN
130	1	23-Feb-04	313807.63	5994481.49	9.82	3BKDN
131	1	23-Feb-04	313808.55	5994480.50	9.55	3BKDN
132	1	23-Feb-04	313809.31	5994479.47	9.35	3BKDN
133	1	23-Feb-04	313810.03	5994478.35	9.33	3BKDN
134	1	23-Feb-04	313810.93	5994476.67	9.59	3BKDN
135	1	23-Feb-04	313812.01	5994474.95	9.72	3BKDN
136	1	23-Feb-04	313812.83	5994473.59	9.52	3BKDN
137	1	23-Feb-04	313813.88	5994471.70	9.36	3BKDN
138	1	23-Feb-04	313814.68	5994470.49	9.32	3BKDN
139	1	23-Feb-04	313816.11	5994468.11	9.29	3BKDN
140	1	23-Feb-04	313816.96	5994466.34	9.23	3TRLN
141	1	23-Feb-04	313766.67	5994576.53	5.33	1OWL1100
142	1	23-Feb-04	313770.88	5994570.01	5.48	1SND
143	1	23-Feb-04	313773.62	5994565.37	5.56	1SND
144	1	23-Feb-04	313775.88	5994561.64	5.65	1SND
145	1	23-Feb-04	313775.39	5994562.17	5.62	1SND
146	1	23-Feb-04	313778.77	5994556.83	5.74	1SND
147	1	23-Feb-04	313782.72	5994550.61	5.91	1SND
148	1	23-Feb-04	313786.48	5994544.42	6.05	1SND
149	1	23-Feb-04	313790.35	5994538.00	6.23	1SND
150	1	23-Feb-04	313794.22	5994531.56	6.42	1SND

151	1	23-Feb-04	313797.93	5994525.62	6.70	1SND
152	1	23-Feb-04	313801.25	5994520.34	6.99	1SND
153	1	23-Feb-04	313803.64	5994516.50	7.25	1SND
154	1	23-Feb-04	313805.23	5994514.14	7.43	1DFTWD
155	1	23-Feb-04	313806.09	5994512.94	7.48	1DFTWD
156	1	23-Feb-04	313806.97	5994511.65	7.52	1DFTWD
157	1	23-Feb-04	313807.79	5994510.01	7.57	1DFTWD
158	1	23-Feb-04	313808.47	5994508.93	7.64	1DFTWD
159	1	23-Feb-04	313809.12	5994507.72	7.69	1DFTWD
160	1	23-Feb-04	313810.19	5994505.96	8.02	1SCRPBS
161	1	23-Feb-04	313810.58	5994505.20	8.88	1SCRPEDG
162	1	23-Feb-04	313811.08	5994504.29	9.28	1FRDN
163	1	23-Feb-04	313811.70	5994503.09	9.44	1FRDN
164	1	23-Feb-04	313812.19	5994502.44	9.64	1FRDN
165	1	23-Feb-04	313812.75	5994501.45	9.85	1FRDN
166	1	23-Feb-04	313813.38	5994500.48	9.92	1FRDN
167	1	23-Feb-04	313814.16	5994499.49	9.96	1FRDN
168	1	23-Feb-04	313814.69	5994498.55	9.83	1FRDN
169	1	23-Feb-04	313815.18	5994497.58	9.86	1FRDN
170	1	23-Feb-04	313815.84	5994496.58	10.01	1FRDN
171	1	23-Feb-04	313816.52	5994495.46	10.07	1FRDN
172	1	23-Feb-04	313816.94	5994494.81	9.89	1FRDN
173	1	23-Feb-04	313817.34	5994494.08	9.63	1FRDN
174	1	23-Feb-04	313817.73	5994493.62	9.42	1FRDN
175	1	23-Feb-04	313818.20	5994492.84	9.41	1FRDN
176	1	23-Feb-04	313818.59	5994492.14	9.39	1BKDN
177	1	23-Feb-04	313819.06	5994491.32	9.35	1BKDN
178	1	23-Feb-04	313819.92	5994490.00	9.45	1BKDN
179	1	23-Feb-04	313820.66	5994488.71	9.54	1BKDN
180	1	23-Feb-04	313821.41	5994487.62	9.64	1BKDN
181	1	23-Feb-04	313822.16	5994486.28	9.54	1BKDN
182	1	23-Feb-04	313822.82	5994484.94	9.53	1BKDN
183	1	23-Feb-04	313823.40	5994483.93	9.58	1BKDN
184	1	23-Feb-04	313824.08	5994483.01	9.29	1BKDN
185	1	23-Feb-04	313826.31	5994479.17	8.99	1BKDN
186	1	23-Feb-04	313827.32	5994477.49	8.82	1BKDN
187	1	23-Feb-04	313828.72	5994475.29	9.01	1TRLN
1	1	**26-May-04**	**313815.00**	**5994485.00**	**9.61**	**Top Rebar BM**
2	1	**26-May-04**	**313815.00**	**5994485.00**	**9.25**	**Btm Rebar BM**
3	1	26-May-04	313824.06	5994478.73	8.37	BKDN 1
4	1	26-May-04	313823.68	5994479.31	8.39	BKDN 1
5	1	26-May-04	313823.31	5994480.03	8.47	BKDN 1
6	1	26-May-04	313822.76	5994481.02	8.70	BKDN 1
7	1	26-May-04	313822.06	5994482.26	8.67	BKDN 1
8	1	26-May-04	313821.74	5994482.97	8.78	BKDN 1
9	1	26-May-04	313821.28	5994483.94	8.78	BKDN 1
10	1	26-May-04	313820.91	5994484.80	8.83	BKDN 1
11	1	26-May-04	313820.46	5994485.58	8.85	BKDN 1
12	1	26-May-04	313820.08	5994486.30	8.87	BKDN 1
13	1	26-May-04	313819.61	5994487.07	8.82	BKDN 1
14	1	26-May-04	313819.19	5994487.75	8.77	BKDN 1

15	1	26-May-04	313818.81	5994488.20	8.81	BKDN 1
16	1	26-May-04	313818.49	5994488.87	8.82	BKDN 1
17	1	26-May-04	313818.13	5994489.51	8.79	BKDN 1
18	1	26-May-04	313817.78	5994490.05	8.69	BKDN 1
19	1	26-May-04	313817.49	5994490.46	8.63	BKDN 1
20	1	26-May-04	313817.17	5994490.94	8.65	BKDN 1
21	1	26-May-04	313816.84	5994491.70	8.68	BKDN 1
22	1	26-May-04	313816.64	5994492.26	8.76	BKDN 1
23	1	26-May-04	313816.36	5994492.45	8.58	BKDN 1
24	1	26-May-04	313816.22	5994493.00	8.44	BKDN 1
25	1	26-May-04	313815.80	5994493.53	8.49	FRDN 1
26	1	26-May-04	313815.63	5994493.90	8.66	FRDN 1
27	1	26-May-04	313815.46	5994494.28	8.87	FRDN 1
28	1	26-May-04	313815.35	5994494.60	9.09	FRDN 1
29	1	26-May-04	313815.22	5994494.93	9.16	FRDN 1
30	1	26-May-04	313814.91	5994495.40	9.28	FRDN 1
31	1	26-May-04	313814.66	5994495.89	9.32	FRDN 1
32	1	26-May-04	313814.25	5994496.38	9.32	FRDN 1
33	1	26-May-04	313813.93	5994496.88	9.23	FRDN 1
34	1	26-May-04	313813.77	5994497.31	9.20	FRDN 1
35	1	26-May-04	313813.60	5994497.59	9.22	FRDN 1
36	1	26-May-04	313813.43	5994497.99	9.10	FRDN 1
37	1	26-May-04	313813.19	5994498.44	9.07	FRDN 1
38	1	26-May-04	313812.94	5994498.90	9.00	FRDN 1
39	1	26-May-04	313812.78	5994499.22	8.84	FRDN 1
40	1	26-May-04	313812.54	5994499.65	8.70	FRDN 1
41	1	26-May-04	313812.22	5994500.13	8.61	FRDN 1
42	1	26-May-04	313811.81	5994500.57	8.53	FRDN 1
43	1	26-May-04	313811.47	5994501.26	8.54	FRDN 1
44	1	26-May-04	313811.18	5994501.73	8.58	FRDN 1
45	1	26-May-04	313811.00	5994502.18	8.45	FRDN 1
46	1	26-May-04	313810.70	5994502.65	8.38	FRDN 1
47	1	26-May-04	313810.46	5994503.05	8.48	FRDN 1
48	1	26-May-04	313810.29	5994503.33	8.46	FRDN 1
49	1	26-May-04	313810.26	5994503.59	8.23	FRDN 1
50	1	26-May-04	313809.35	5994504.11	7.73	SCRPEDG 1
51	1	26-May-04	313809.14	5994504.83	7.25	SCRP 1
52	1	26-May-04	313809.07	5994505.16	7.04	DRFTWD 1
53	1	26-May-04	313808.94	5994505.38	7.10	DRFTWD 1
54	1	26-May-04	313808.71	5994505.74	7.37	DRFTWD 1
55	1	26-May-04	313808.62	5994506.01	7.55	DRFTWD 1
56	1	26-May-04	313808.33	5994506.44	7.47	DRFTWD 1
57	1	26-May-04	313808.08	5994506.92	7.31	DRFTWD 1
58	1	26-May-04	313807.74	5994507.39	7.23	DRFTWD 1
59	1	26-May-04	313807.55	5994507.83	7.05	DRFTWD 1
60	1	26-May-04	313807.31	5994508.56	6.83	DRFTWD 1
61	1	26-May-04	313806.88	5994509.22	6.72	DRFTWD 1
62	1	26-May-04	313806.20	5994509.87	6.68	DRFTWD 1
63	1	26-May-04	313805.84	5994510.73	6.63	DRFTWD 1
64	1	26-May-04	313805.35	5994511.42	6.68	DRFTWD 1
65	1	26-May-04	313805.09	5994511.92	6.67	DRFTWD 1

66	1	26-May-04	313804.91	5994512.12	6.70	DRFTWD 1
67	1	26-May-04	313804.83	5994512.34	6.71	DRFTWD 1
68	1	26-May-04	313804.72	5994512.56	6.62	DRFTWD 1
69	1	26-May-04	313804.71	5994512.69	6.52	DRFTWD 1
70	1	26-May-04	313804.57	5994512.96	6.52	DRFTWD 1
71	1	26-May-04	313804.48	5994513.11	6.58	DRFTWD 1
72	1	26-May-04	313804.43	5994513.38	6.58	DRFTWD 1
73	1	26-May-04	313804.23	5994513.71	6.60	DRFTWD 1
74	1	26-May-04	313804.05	5994514.06	6.63	DRFTWD 1
75	1	26-May-04	313803.84	5994514.32	6.64	DRFTWD 1
76	1	26-May-04	313803.73	5994514.53	6.59	DRFTWD 1
77	1	26-May-04	313803.53	5994514.79	6.64	DRFTWD 1
78	1	26-May-04	313803.25	5994515.28	6.66	DRFTWD 1
79	1	26-May-04	313802.99	5994515.63	6.58	DRFTWD 1
80	1	26-May-04	313802.77	5994515.97	6.52	DRFTWD 1
81	1	26-May-04	313802.61	5994516.25	6.50	DRFTWD 1
82	1	26-May-04	313802.48	5994516.61	6.49	DRFTWD 1
83	1	26-May-04	313802.34	5994516.93	6.42	DRFTWD 1
84	1	26-May-04	313802.27	5994517.22	6.44	DRFTWD 1
85	1	26-May-04	313802.12	5994517.74	6.47	DRFTWD 1
86	1	26-May-04	313802.02	5994518.18	6.40	DRFTWD 1
87	1	26-May-04	313801.41	5994518.69	6.38	SAND 1
88	1	26-May-04	313801.14	5994519.20	6.36	SAND 1
89	1	26-May-04	313800.84	5994519.74	6.34	SAND 1
90	1	26-May-04	313800.60	5994520.11	6.32	SAND 1
91	1	26-May-04	313800.38	5994520.50	6.32	SAND 1
92	1	26-May-04	313800.10	5994521.13	6.31	SAND 1
93	1	26-May-04	313799.74	5994521.48	6.29	SAND 1
94	1	26-May-04	313799.58	5994521.82	6.25	SAND 1
95	1	26-May-04	313799.33	5994522.23	6.24	SAND 1
96	1	26-May-04	313799.09	5994522.51	6.23	SAND 1
97	1	26-May-04	313798.87	5994522.85	6.20	SAND 1
98	1	26-May-04	313798.59	5994523.31	6.16	SAND 1
99	1	26-May-04	313798.30	5994523.68	6.14	SAND 1
100	1	26-May-04	313798.13	5994523.96	6.13	SAND 1
101	1	26-May-04	313797.93	5994524.29	6.09	SAND 1
102	1	26-May-04	313797.78	5994524.52	6.08	SAND 1
103	1	26-May-04	313797.66	5994524.67	6.08	SAND 1
104	1	26-May-04	313797.48	5994525.03	6.06	SAND 1
105	1	26-May-04	313797.23	5994525.44	6.05	SAND 1
106	1	26-May-04	313797.06	5994525.84	6.03	SAND 1
107	1	26-May-04	313796.83	5994526.26	6.01	SAND 1
108	1	26-May-04	313796.66	5994526.68	6.00	SAND 1
109	1	26-May-04	313796.39	5994527.12	5.98	SAND 1
110	1	26-May-04	313796.19	5994527.46	5.96	SAND 1
111	1	26-May-04	313796.03	5994527.77	5.96	SAND 1
112	1	26-May-04	313795.77	5994528.20	5.94	SAND 1
113	1	26-May-04	313795.52	5994528.54	5.92	SAND 1
114	1	26-May-04	313795.29	5994528.99	5.90	SAND 1
115	1	26-May-04	313795.06	5994529.42	5.89	SAND 1
116	1	26-May-04	313794.71	5994529.82	5.86	SAND 1

117	1	26-May-04	313794.39	5994530.29	5.84	SAND 1
118	1	26-May-04	313794.13	5994530.80	5.83	SAND 1
119	1	26-May-04	313793.86	5994531.31	5.80	SAND 1
120	1	26-May-04	313793.41	5994531.85	5.78	SAND 1
121	1	26-May-04	313793.10	5994532.36	5.75	SAND 1
122	1	26-May-04	313792.71	5994532.97	5.72	SAND 1
123	1	26-May-04	313792.47	5994533.37	5.70	SAND 1
124	1	26-May-04	313792.28	5994533.81	5.68	SAND 1
125	1	26-May-04	313791.96	5994534.36	5.67	SAND 1
126	1	26-May-04	313791.77	5994534.81	5.64	SAND 1
127	1	26-May-04	313791.34	5994535.46	5.62	SAND 1
128	1	26-May-04	313790.98	5994536.13	5.59	SAND 1
129	1	26-May-04	313790.46	5994536.96	5.56	SAND 1
130	1	26-May-04	313789.96	5994537.76	5.53	SAND 1
131	1	26-May-04	313789.61	5994538.42	5.51	SAND 1
132	1	26-May-04	313789.32	5994539.03	5.49	SAND 1
133	1	26-May-04	313789.02	5994539.45	5.48	SAND 1
134	1	26-May-04	313788.70	5994540.02	5.46	SAND 1
135	1	26-May-04	313788.38	5994540.46	5.44	SAND 1
136	1	26-May-04	313788.16	5994540.93	5.42	SAND 1
137	1	26-May-04	313787.73	5994541.49	5.40	SAND 1
138	1	26-May-04	313787.33	5994542.08	5.38	SAND 1
139	1	26-May-04	313786.64	5994543.30	5.32	SAND 1
140	1	26-May-04	313784.29	5994547.42	5.20	SAND 1
141	1	26-May-04	313781.93	5994551.77	5.06	SAND 1
142	1	26-May-04	313780.37	5994554.55	4.99	SAND 1
143	1	26-May-04	313779.30	5994556.50	4.95	SAND 1
144	1	26-May-04	313776.45	5994561.12	4.84	SAND 1
145	1	26-May-04	313773.36	5994566.46	4.73	SAND 1
146	1	26-May-04	313769.92	5994572.35	4.57	SAND 1
147	1	26-May-04	313767.18	5994577.13	4.49	SAND 1
148	1	26-May-04	313764.45	5994581.84	4.43	SAND 1
149	1	26-May-04	313761.56	5994586.71	4.36	SAND 1
150	1	26-May-04	313757.57	5994593.50	4.25	SAND 1
151	1	26-May-04	313754.97	5994598.05	4.18	SAND 1
152	1	26-May-04	313751.35	5994604.12	4.06	SAND 1
153	1	26-May-04	313748.13	5994609.63	3.97	SAND 1
154	1	26-May-04	313744.02	5994616.69	3.88	SAND 1
155	1	26-May-04	313740.60	5994622.50	3.77	SAND 1
156	1	26-May-04	313736.61	5994628.98	3.65	SAND 1
157	1	26-May-04	313732.94	5994635.63	3.54	SAND 1
158	1	26-May-04	313729.30	5994642.12	3.43	SAND 1
159	1	26-May-04	313726.07	5994647.87	3.34	SAND 1
160	1	26-May-04	313722.57	5994653.82	3.26	SAND 1
161	1	26-May-04	313720.69	5994656.94	3.21	SAND 1
162	1	26-May-04	313716.02	5994654.79	3.20	SAND 2
163	1	26-May-04	313719.17	5994649.38	3.30	SAND 2
164	1	26-May-04	313722.14	5994644.44	3.37	SAND 2
165	1	26-May-04	313725.22	5994639.00	3.44	SAND 2
166	1	26-May-04	313728.36	5994633.47	3.53	SAND 2
167	1	26-May-04	313731.55	5994627.74	3.63	SAND 2

168	1	26-May-04	313735.13	5994621.43	3.74	SAND 2
169	1	26-May-04	313738.48	5994615.84	3.85	SAND 2
170	1	26-May-04	313741.95	5994609.86	3.94	SAND 2
171	1	26-May-04	313745.56	5994603.68	4.03	SAND 2
172	1	26-May-04	313749.44	5994597.06	4.15	SAND 2
173	1	26-May-04	313752.78	5994591.07	4.25	SAND 2
174	1	26-May-04	313756.69	5994584.55	4.36	SAND 2
175	1	26-May-04	313760.55	5994577.76	4.46	SAND 2
176	1	26-May-04	313763.96	5994572.02	4.54	SAND 2
177	1	26-May-04	313766.61	5994567.63	4.62	SAND 2
178	1	26-May-04	313768.79	5994563.97	4.71	SAND 2
179	1	26-May-04	313771.05	5994560.03	4.81	SAND 2
180	1	26-May-04	313772.78	5994557.03	4.87	SAND 2
181	1	26-May-04	313773.69	5994555.63	4.90	SAND 2
182	1	26-May-04	313774.56	5994554.33	4.93	SAND 2
183	1	26-May-04	313775.40	5994553.05	4.97	SAND 2
184	1	26-May-04	313776.33	5994551.40	5.00	SAND 2
185	1	26-May-04	313777.40	5994549.53	5.06	SAND 2
186	1	26-May-04	313778.29	5994547.91	5.10	SAND 2
187	1	26-May-04	313778.87	5994546.92	5.13	SAND 2
188	1	26-May-04	313779.47	5994545.82	5.17	SAND 2
189	1	26-May-04	313780.01	5994544.86	5.21	SAND 2
190	1	26-May-04	313780.81	5994543.49	5.26	SAND 2
191	1	26-May-04	313781.46	5994542.30	5.29	SAND 2
192	1	26-May-04	313782.03	5994541.25	5.32	SAND 2
193	1	26-May-04	313782.42	5994540.45	5.35	SAND 2
194	1	26-May-04	313782.86	5994539.75	5.38	SAND 3
195	1	26-May-04	313778.52	5994537.17	5.37	SAND 3
196	1	26-May-04	313777.95	5994538.04	5.34	SAND 3
197	1	26-May-04	313777.03	5994539.58	5.29	SAND 3
198	1	26-May-04	313776.56	5994540.28	5.26	SAND 3
199	1	26-May-04	313776.05	5994541.19	5.26	SAND 3
200	1	26-May-04	313775.68	5994541.81	5.24	SAND 3
201	1	26-May-04	313775.18	5994542.69	5.20	SAND 3
202	1	26-May-04	313774.47	5994543.95	5.15	SAND 3
203	1	26-May-04	313773.90	5994544.98	5.11	SAND 3
204	1	26-May-04	313773.10	5994546.28	5.06	SAND 3
205	1	26-May-04	313772.24	5994547.73	5.03	SAND 3
206	1	26-May-04	313771.25	5994549.38	4.98	SAND 3
207	1	26-May-04	313770.39	5994550.94	4.94	SAND 3
208	1	26-May-04	313769.46	5994552.50	4.91	SAND 3
209	1	26-May-04	313768.09	5994554.91	4.86	SAND 3
210	1	26-May-04	313766.80	5994556.99	4.81	SAND 3
211	1	26-May-04	313765.34	5994559.41	4.76	SAND 3
212	1	26-May-04	313763.69	5994562.12	4.69	SAND 3
213	1	26-May-04	313762.33	5994564.44	4.65	SAND 3
214	1	26-May-04	313759.89	5994568.36	4.54	SAND 3
215	1	26-May-04	313757.62	5994572.37	4.48	SAND 3
216	1	26-May-04	313755.21	5994576.34	4.43	SAND 3
217	1	26-May-04	313752.75	5994580.24	4.38	SAND 3
218	1	26-May-04	313750.12	5994584.69	4.30	SAND 3

219	1	26-May-04	313746.94	5994590.10	4.22	SAND 3
220	1	26-May-04	313742.58	5994597.79	4.09	SAND 3
221	1	26-May-04	313739.25	5994603.38	3.99	SAND 3
222	1	26-May-04	313735.79	5994608.92	3.91	SAND 3
223	1	26-May-04	313732.18	5994615.05	3.80	SAND 3
224	1	26-May-04	313728.55	5994621.13	3.69	SAND 3
225	1	26-May-04	313725.14	5994626.97	3.58	SAND 3
226	1	26-May-04	313721.96	5994632.57	3.50	SAND 3
227	1	26-May-04	313718.64	5994638.18	3.41	SAND 3
228	1	26-May-04	313715.66	5994643.35	3.34	SAND 3
229	1	26-May-04	313713.46	5994647.12	3.27	SAND 3
230	1	26-May-04	313778.81	5994536.51	5.40	SAND 3
231	1	26-May-04	313779.18	5994535.89	5.43	SAND 3
232	1	26-May-04	313779.44	5994535.44	5.45	SAND 3
233	1	26-May-04	313779.60	5994535.06	5.46	SAND 3
234	1	26-May-04	313779.80	5994534.69	5.48	SAND 3
235	1	26-May-04	313780.03	5994534.23	5.49	SAND 3
236	1	26-May-04	313780.25	5994533.76	5.50	SAND 3
237	1	26-May-04	313780.44	5994533.42	5.51	SAND 3
238	1	26-May-04	313780.66	5994533.00	5.52	SAND 3
239	1	26-May-04	313781.00	5994532.90	5.53	SAND 3
240	1	26-May-04	313781.25	5994532.49	5.55	SAND 3
241	1	26-May-04	313781.46	5994532.14	5.56	SAND 3
242	1	26-May-04	313781.87	5994531.47	5.57	SAND 3
243	1	26-May-04	313782.12	5994531.03	5.60	SAND 3
244	1	26-May-04	313782.34	5994530.67	5.61	SAND 3
245	1	26-May-04	313782.53	5994530.37	5.62	SAND 3
246	1	26-May-04	313782.68	5994530.05	5.63	SAND 3
247	1	26-May-04	313782.93	5994529.66	5.66	SAND 3
248	1	26-May-04	313783.13	5994529.32	5.66	SAND 3
249	1	26-May-04	313783.33	5994529.00	5.68	SAND 3
250	1	26-May-04	313783.54	5994528.68	5.70	SAND 3
251	1	26-May-04	313783.72	5994528.33	5.70	SAND 3
252	1	26-May-04	313783.88	5994528.05	5.73	SAND 3
253	1	26-May-04	313784.04	5994527.75	5.74	SAND 3
254	1	26-May-04	313784.27	5994527.33	5.76	SAND 3
255	1	26-May-04	313784.49	5994527.01	5.78	SAND 3
256	1	26-May-04	313784.62	5994526.64	5.78	SAND 3
257	1	26-May-04	313784.75	5994526.41	5.80	SAND 3
258	1	26-May-04	313784.93	5994526.05	5.81	SAND 3
259	1	26-May-04	313785.09	5994525.72	5.82	SAND 3
260	1	26-May-04	313785.29	5994525.39	5.83	SAND 3
261	1	26-May-04	313785.54	5994524.90	5.86	SAND 3
262	1	26-May-04	313785.75	5994524.59	5.86	SAND 3
263	1	26-May-04	313785.95	5994524.25	5.88	SAND 3
264	1	26-May-04	313786.15	5994523.95	5.89	SAND 3
265	1	26-May-04	313786.31	5994523.64	5.91	SAND 3
266	1	26-May-04	313786.51	5994523.31	5.91	SAND 3
267	1	26-May-04	313786.74	5994522.89	5.94	SAND 3
268	1	26-May-04	313786.94	5994522.50	5.94	SAND 3
269	1	26-May-04	313787.26	5994522.12	5.96	SAND 3

270	1	26-May-04	313787.58	5994521.59	5.99	SAND 3
271	1	26-May-04	313787.87	5994521.13	6.01	SAND 3
272	1	26-May-04	313788.07	5994520.81	6.03	SAND 3
273	1	26-May-04	313788.19	5994520.55	6.04	SAND 3
274	1	26-May-04	313788.37	5994520.26	6.04	SAND 3
275	1	26-May-04	313788.70	5994519.89	6.08	SAND 3
276	1	26-May-04	313788.88	5994519.61	6.09	SAND 3
277	1	26-May-04	313789.12	5994519.26	6.11	SAND 3
278	1	26-May-04	313789.28	5994518.95	6.12	SAND 3
279	1	26-May-04	313789.44	5994518.69	6.13	SAND 3
280	1	26-May-04	313789.55	5994518.49	6.15	SAND 3
281	1	26-May-04	313789.74	5994518.09	6.17	SAND 3
282	1	26-May-04	313789.91	5994517.78	6.18	SAND 3
283	1	26-May-04	313790.10	5994517.40	6.19	SAND 3
284	1	26-May-04	313790.34	5994516.91	6.23	SAND 3
285	1	26-May-04	313790.53	5994516.50	6.25	SAND 3
286	1	26-May-04	313790.70	5994516.18	6.28	SAND 3
287	1	26-May-04	313790.85	5994515.91	6.26	SAND 3
288	1	26-May-04	313791.10	5994515.49	6.27	SAND 3
289	1	26-May-04	313791.28	5994515.19	6.32	SAND 3
290	1	26-May-04	313791.48	5994514.95	6.36	SAND 3
291	1	26-May-04	313791.61	5994514.74	6.41	DRFTWD 3
292	1	26-May-04	313791.82	5994514.46	6.43	DRFTWD 3
293	1	26-May-04	313792.12	5994513.93	6.54	DRFTWD 3
294	1	26-May-04	313792.30	5994513.75	6.48	DRFTWD 3
295	1	26-May-04	313792.42	5994513.50	6.40	DRFTWD 3
296	1	26-May-04	313792.62	5994513.19	6.38	DRFTWD 3
297	1	26-May-04	313792.81	5994512.89	6.37	DRFTWD 3
298	1	26-May-04	313792.98	5994512.60	6.37	DRFTWD 3
299	1	26-May-04	313793.58	5994511.64	6.43	DRFTWD 3
300	1	26-May-04	313793.69	5994511.26	6.44	DRFTWD 3
301	1	26-May-04	313793.85	5994510.91	6.49	DRFTWD 3
302	1	26-May-04	313793.89	5994510.72	6.54	DRFTWD 3
303	1	26-May-04	313793.97	5994510.60	6.59	DRFTWD 3
304	1	26-May-04	313794.05	5994510.47	6.63	DRFTWD 3
305	1	26-May-04	313794.16	5994510.32	6.62	DRFTWD 3
306	1	26-May-04	313794.39	5994510.10	6.57	DRFTWD 3
307	1	26-May-04	313794.55	5994509.94	6.55	DRFTWD 3
308	1	26-May-04	313794.81	5994509.70	6.57	DRFTWD 3
309	1	26-May-04	313794.97	5994509.49	6.60	DRFTWD 3
310	1	26-May-04	313795.09	5994509.25	6.63	DRFTWD 3
311	1	26-May-04	313795.21	5994508.97	6.63	DRFTWD 3
312	1	26-May-04	313795.38	5994508.63	6.61	DRFTWD 3
313	1	26-May-04	313795.54	5994508.35	6.58	DRFTWD 3
314	1	26-May-04	313795.73	5994508.01	6.61	DRFTWD 3
315	1	26-May-04	313795.94	5994507.60	6.64	DRFTWD 3
316	1	26-May-04	313796.17	5994507.23	6.62	DRFTWD 3
317	1	26-May-04	313796.38	5994506.90	6.63	DRFTWD 3
318	1	26-May-04	313796.84	5994506.06	6.70	RMP 3
319	1	26-May-04	313797.03	5994505.75	6.74	RMP 3
320	1	26-May-04	313797.31	5994505.45	6.80	RMP 3

321	1	26-May-04	313797.47	5994505.16	6.81	RMP 3
322	1	26-May-04	313797.55	5994505.02	6.82	RMP 3
323	1	26-May-04	313797.66	5994504.74	6.64	RMP 3
324	1	26-May-04	313797.77	5994504.53	6.63	RMP 3
325	1	26-May-04	313798.02	5994504.19	6.71	RMP 3
326	1	26-May-04	313798.18	5994503.92	6.85	RMP 3
327	1	26-May-04	313798.30	5994503.80	6.99	RMP 3
328	1	26-May-04	313798.37	5994503.62	7.02	RMP 3
329	1	26-May-04	313798.42	5994503.44	7.03	RMP 3
330	1	26-May-04	313798.54	5994503.09	7.06	RMP 3
331	1	26-May-04	313798.70	5994502.76	7.14	RMP 3
332	1	26-May-04	313798.84	5994502.58	7.16	RMP 3
333	1	26-May-04	313798.95	5994502.37	7.19	RMP 3
334	1	26-May-04	313799.09	5994502.17	7.24	RMP 3
335	1	26-May-04	313799.24	5994501.88	7.31	RMP 3
336	1	26-May-04	313799.35	5994501.72	7.37	RMP 3
337	1	26-May-04	313799.49	5994501.53	7.44	RMP 3
338	1	26-May-04	313799.66	5994501.29	7.53	RMP 3
339	1	26-May-04	313799.78	5994501.06	7.60	RMP 3
340	1	26-May-04	313799.96	5994500.77	7.72	RMP 3
341	1	26-May-04	313800.17	5994500.25	7.85	RMP 3
342	1	26-May-04	313800.27	5994499.98	7.90	RMP 3
343	1	26-May-04	313800.44	5994499.67	7.91	RMP 3
344	1	26-May-04	313800.56	5994499.39	7.92	RMP 3
345	1	26-May-04	313800.82	5994498.93	8.18	RMP 3
346	1	26-May-04	313800.87	5994498.56	8.33	RMP 3
347	1	26-May-04	313801.07	5994498.02	8.34	FRDN 3
348	1	26-May-04	313801.31	5994497.64	8.36	FRDN 3
349	1	26-May-04	313801.58	5994497.21	8.39	FRDN 3
350	1	26-May-04	313802.06	5994496.90	8.38	FRDN 3
351	1	26-May-04	313802.28	5994496.62	8.44	FRDN 3
352	1	26-May-04	313802.49	5994496.29	8.55	FRDN 3
353	1	26-May-04	313802.65	5994496.02	8.59	FRDN 3
354	1	26-May-04	313802.88	5994495.69	8.65	FRDN 3
355	1	26-May-04	313803.08	5994495.30	8.78	FRDN 3
356	1	26-May-04	313803.28	5994494.93	8.89	FRDN 3
357	1	26-May-04	313803.46	5994494.71	8.98	FRDN 3
358	1	26-May-04	313803.70	5994494.35	9.08	FRDN 3
359	1	26-May-04	313804.03	5994493.98	9.18	FRDN 3
360	1	26-May-04	313804.25	5994493.67	9.23	FRDN 3
361	1	26-May-04	313804.37	5994493.40	9.25	FRDN 3
362	1	26-May-04	313804.55	5994493.08	9.17	FRDN 3
363	1	26-May-04	313804.75	5994492.75	9.08	FRDN 3
364	1	26-May-04	313804.95	5994492.48	9.00	FRDN 3
365	1	26-May-04	313805.07	5994492.27	9.01	FRDN 3
366	1	26-May-04	313805.18	5994491.99	8.99	FRDN 3
367	1	26-May-04	313805.32	5994491.79	8.90	FRDN 3
368	1	26-May-04	313805.53	5994491.53	8.71	FRDN 3
369	1	26-May-04	313805.67	5994491.33	8.59	FRDN 3
370	1	26-May-04	313805.73	5994491.17	8.54	FRDN 3
371	1	26-May-04	313805.94	5994490.88	8.56	FRDN 3

372	1	26-May-04	313806.07	5994490.59	8.60	FRDN 3
373	1	26-May-04	313806.23	5994490.26	8.86	FRDN 3
374	1	26-May-04	313806.35	5994490.00	8.85	FRDN 3
375	1	26-May-04	313806.51	5994489.75	8.82	FRDN 3
376	1	26-May-04	313806.68	5994489.43	8.82	FRDN 3
377	1	26-May-04	313806.87	5994489.12	8.79	FRDN 3
378	1	26-May-04	313806.99	5994488.78	8.81	FRDN 3
379	1	26-May-04	313807.29	5994488.50	8.80	FRDN 3
380	1	26-May-04	313807.46	5994488.18	8.79	FRDN 3
381	1	26-May-04	313807.58	5994487.95	8.73	FRDN 3
382	1	26-May-04	313807.75	5994487.70	8.58	FRDN 3
383	1	26-May-04	313807.97	5994487.20	8.48	FRDN 3
384	1	26-May-04	313808.14	5994486.93	8.41	FRDN 3
385	1	26-May-04	313808.24	5994486.68	8.39	FRDN 3
386	1	26-May-04	313808.28	5994486.47	8.32	BKDN 3
387	1	26-May-04	313808.38	5994486.13	8.28	BKDN 3
388	1	26-May-04	313808.50	5994485.79	8.34	BKDN 3
389	1	26-May-04	313808.60	5994485.56	8.44	BKDN 3
390	1	26-May-04	313808.87	5994485.11	8.53	BKDN 3
391	1	26-May-04	313808.96	5994484.74	8.56	BKDN 3
392	1	26-May-04	313809.41	5994484.30	8.53	BKDN 3
393	1	26-May-04	313809.73	5994483.92	8.69	BKDN 3
394	1	26-May-04	313809.99	5994483.58	8.72	BKDN 3
395	1	26-May-04	313810.22	5994483.22	8.79	BKDN 3
396	1	26-May-04	313810.50	5994482.71	8.79	BKDN 3
397	1	26-May-04	313810.63	5994482.34	8.97	BKDN 3
398	1	26-May-04	313810.78	5994482.03	9.08	BKDN 3
399	1	26-May-04	313811.00	5994481.43	9.09	BKDN 3
400	1	26-May-04	313811.66	5994480.84	8.83	BKDN 3
401	1	26-May-04	313811.90	5994480.09	8.70	BKDN 3
402	1	26-May-04	313812.22	5994479.54	8.69	BKDN 3
403	1	26-May-04	313812.71	5994478.45	8.68	BKDN 3
404	1	26-May-04	313813.10	5994477.62	8.74	BKDN 3
405	1	26-May-04	313813.45	5994476.84	8.84	BKDN 3
406	1	26-May-04	313814.54	5994475.77	8.94	BKDN 3
407	1	26-May-04	313814.91	5994475.20	8.95	BKDN 3
408	1	26-May-04	313815.34	5994474.35	9.05	BKDN 3
409	1	26-May-04	313816.56	5994471.95	8.70	BKDN 3
410	1	26-May-04	313817.16	5994470.89	8.50	BKDN 3
411	1	26-May-04	313817.57	5994470.18	8.42	BKDN 3
412	1	26-May-04	313818.00	5994469.59	8.41	BKDN 3
413	1	26-May-04	313818.55	5994468.54	8.35	BKDN 3
414	1	26-May-04	313822.53	5994471.92	8.48	BKDN 2
415	1	26-May-04	313822.26	5994472.43	8.52	BKDN 2
416	1	26-May-04	313822.04	5994472.80	8.59	BKDN 2
417	1	26-May-04	313821.85	5994473.05	8.61	BKDN 2
418	1	26-May-04	313821.63	5994473.38	8.57	BKDN 2
419	1	26-May-04	313821.36	5994473.96	8.50	BKDN 2
420	1	26-May-04	313821.13	5994474.29	8.47	BKDN 2
421	1	26-May-04	313821.11	5994474.31	8.47	BKDN 2
422	1	26-May-04	313820.88	5994474.70	8.44	BKDN 2

423	1	26-May-04	313820.57	5994475.25	8.47	BKDN 2
424	1	26-May-04	313820.28	5994475.70	8.60	BKDN 2
425	1	26-May-04	313820.10	5994476.08	8.70	BKDN 2
426	1	26-May-04	313819.93	5994476.32	8.80	BKDN 2
427	1	26-May-04	313819.67	5994476.79	8.84	BKDN 2
428	1	26-May-04	313819.49	5994477.17	8.86	BKDN 2
429	1	26-May-04	313819.17	5994477.70	8.84	BKDN 2
430	1	26-May-04	313818.86	5994478.10	8.79	BKDN 2
431	1	26-May-04	313818.36	5994479.04	8.81	BKDN 2
432	1	26-May-04	313818.03	5994479.71	8.72	BKDN 2
433	1	26-May-04	313817.65	5994480.32	8.62	BKDN 2
434	1	26-May-04	313817.29	5994480.96	8.59	BKDN 2
435	1	26-May-04	313816.90	5994481.55	8.58	BKDN 2
436	1	26-May-04	313816.70	5994482.01	8.50	BKDN 2
437	1	26-May-04	313816.37	5994482.48	8.51	BKDN 2
438	1	26-May-04	313816.20	5994482.93	8.62	BKDN 2
439	1	26-May-04	313815.91	5994483.41	8.71	BKDN 2
440	1	26-May-04	313815.51	5994484.10	8.85	BKDN 2
441	1	26-May-04	313815.25	5994484.60	8.86	BKDN 2
442	1	26-May-04	313815.04	5994485.00	8.88	BKDN 2
443	1	26-May-04	313814.83	5994485.33	8.85	BKDN 2
444	1	26-May-04	313814.43	5994485.93	8.86	BKDN 2
445	1	26-May-04	313814.15	5994486.45	8.87	BKDN 2
446	1	26-May-04	313813.96	5994486.88	8.77	BKDN 2
447	1	26-May-04	313813.72	5994487.48	8.59	BKDN 2
448	1	26-May-04	313813.28	5994488.30	8.46	BKDN 2
449	1	26-May-04	313813.04	5994488.56	8.36	BKDN 2
450	1	26-May-04	313812.76	5994488.93	8.34	BKDN 2
451	1	26-May-04	313812.51	5994489.35	8.33	BKDN 2
452	1	26-May-04	313812.39	5994489.53	8.32	BKDN 2
453	1	26-May-04	313812.28	5994489.79	8.38	FRDN 2
454	1	26-May-04	313812.07	5994490.08	8.48	FRDN 2
455	1	26-May-04	313811.87	5994490.37	8.53	FRDN 2
456	1	26-May-04	313811.66	5994490.75	8.57	FRDN 2
457	1	26-May-04	313811.44	5994491.08	8.61	FRDN 2
458	1	26-May-04	313811.29	5994491.41	8.75	FRDN 2
459	1	26-May-04	313811.09	5994491.75	8.84	FRDN 2
460	1	26-May-04	313810.98	5994491.87	8.91	FRDN 2
461	1	26-May-04	313810.85	5994492.10	9.03	FRDN 2
462	1	26-May-04	313810.69	5994492.62	9.15	FRDN 2
463	1	26-May-04	313810.60	5994492.87	9.24	FRDN 2
464	1	26-May-04	313810.49	5994493.18	9.30	FRDN 2
465	1	26-May-04	313810.27	5994493.49	9.29	FRDN 2
466	1	26-May-04	313809.98	5994493.81	9.22	FRDN 2
467	1	26-May-04	313809.76	5994494.09	9.21	FRDN 2
468	1	26-May-04	313809.52	5994494.49	9.14	FRDN 2
469	1	26-May-04	313809.34	5994494.83	9.03	FRDN 2
470	1	26-May-04	313809.07	5994495.29	8.96	FRDN 2
471	1	26-May-04	313808.76	5994495.80	8.91	FRDN 2
472	1	26-May-04	313808.49	5994496.23	8.87	FRDN 2
473	1	26-May-04	313808.38	5994496.56	8.80	FRDN 2

474	1	26-May-04	313808.29	5994496.82	8.72	FRDN 2
475	1	26-May-04	313808.00	5994497.04	8.70	FRDN 2
476	1	26-May-04	313807.87	5994497.29	8.67	FRDN 2
477	1	26-May-04	313807.79	5994497.49	8.65	FRDN 2
478	1	26-May-04	313807.65	5994497.59	8.56	FRDN 2
479	1	26-May-04	313807.55	5994497.76	8.54	FRDN 2
480	1	26-May-04	313807.45	5994497.98	8.73	RMP 2
481	1	26-May-04	313807.45	5994498.03	8.76	RMP 2
482	1	26-May-04	313807.38	5994498.16	8.79	RMP 2
483	1	26-May-04	313807.30	5994498.35	8.79	RMP 2
484	1	26-May-04	313807.09	5994498.63	8.78	RMP 2
485	1	26-May-04	313806.83	5994499.09	8.72	RMP 2
486	1	26-May-04	313806.49	5994499.58	8.62	RMP 2
487	1	26-May-04	313806.35	5994499.89	8.55	RMP 2
488	1	26-May-04	313806.19	5994500.18	8.48	RMP 2
489	1	26-May-04	313806.09	5994500.41	8.44	RMP 2
490	1	26-May-04	313806.07	5994500.52	8.43	RMP 2
491	1	26-May-04	313806.03	5994500.62	8.41	RMP 2
492	1	26-May-04	313805.95	5994500.73	8.25	RMP 2
493	1	26-May-04	313805.79	5994501.01	8.08	RMP 2
494	1	26-May-04	313805.57	5994501.26	8.08	RMP 2
495	1	26-May-04	313805.39	5994501.46	8.14	RMP 2
496	1	26-May-04	313805.16	5994501.88	8.13	RMP 2
497	1	26-May-04	313805.09	5994502.03	8.01	RMP 2
498	1	26-May-04	313804.76	5994502.57	7.73	RMP 2
499	1	26-May-04	313804.68	5994502.88	7.70	RMP 2
500	1	26-May-04	313804.58	5994503.03	7.60	RMP 2
501	1	26-May-04	313804.31	5994503.37	7.40	RMP 2
502	1	26-May-04	313804.21	5994503.56	7.26	RMP 2
503	1	26-May-04	313804.03	5994503.78	7.18	RMP 2
504	1	26-May-04	313803.73	5994504.38	6.79	RMP 2
505	1	26-May-04	313803.72	5994504.45	6.79	RMP 2
506	1	26-May-04	313803.50	5994504.75	6.96	RMP 2
507	1	26-May-04	313803.10	5994505.37	6.99	RMP 2
508	1	26-May-04	313802.97	5994505.62	6.99	RMP 2
509	1	26-May-04	313802.76	5994505.89	6.95	RMP 2
510	1	26-May-04	313802.55	5994506.30	6.89	RMP 2
511	1	26-May-04	313802.27	5994506.67	6.84	RMP 2
512	1	26-May-04	313802.09	5994506.92	6.87	RMP 2
513	1	26-May-04	313801.90	5994507.34	6.82	RMP 2
514	1	26-May-04	313801.67	5994507.71	6.68	RMP 2
515	1	26-May-04	313801.58	5994508.04	6.57	DRFTWD 2
516	1	26-May-04	313801.37	5994508.40	6.55	DRFTWD 2
517	1	26-May-04	313801.16	5994508.74	6.53	DRFTWD 2
518	1	26-May-04	313800.95	5994509.12	6.50	DRFTWD 2
519	1	26-May-04	313800.70	5994509.45	6.48	DRFTWD 2
520	1	26-May-04	313800.49	5994509.77	6.45	DRFTWD 2
521	1	26-May-04	313800.35	5994510.01	6.45	DRFTWD 2
522	1	26-May-04	313800.26	5994510.17	6.49	DRFTWD 2
523	1	26-May-04	313800.11	5994510.41	6.56	DRFTWD 2
524	1	26-May-04	313799.94	5994510.63	6.56	DRFTWD 2

525	1	26-May-04	313799.82	5994510.95	6.52	DRFTWD 2
526	1	26-May-04	313799.62	5994511.28	6.47	DRFTWD 2
527	1	26-May-04	313799.44	5994511.56	6.49	DRFTWD 2
528	1	26-May-04	313799.37	5994511.71	6.54	DRFTWD 2
529	1	26-May-04	313799.31	5994511.87	6.61	DRFTWD 2
530	1	26-May-04	313799.26	5994512.08	6.64	DRFTWD 2
531	1	26-May-04	313799.19	5994512.22	6.57	DRFTWD 2
532	1	26-May-04	313798.90	5994512.59	6.45	DRFTWD 2
533	1	26-May-04	313798.74	5994512.86	6.42	DRFTWD 2
534	1	26-May-04	313798.54	5994513.22	6.39	DRFTWD 2
535	1	26-May-04	313798.44	5994513.43	6.39	DRFTWD 2
536	1	26-May-04	313798.27	5994513.76	6.38	DRFTWD 2
537	1	26-May-04	313798.08	5994514.07	6.38	DRFTWD 2
538	1	26-May-04	313797.91	5994514.32	6.39	DRFTWD 2
539	1	26-May-04	313797.66	5994514.60	6.36	DRFTWD 2
540	1	26-May-04	313797.52	5994514.84	6.37	DRFTWD 2
541	1	26-May-04	313797.38	5994515.05	6.41	DRFTWD 2
542	1	26-May-04	313797.13	5994515.35	6.44	DRFTWD 2
543	1	26-May-04	313797.04	5994515.55	6.48	DRFTWD 2
544	1	26-May-04	313796.76	5994515.98	6.48	DRFTWD 2
545	1	26-May-04	313796.67	5994516.13	6.42	SAND 2
546	1	26-May-04	313796.54	5994516.41	6.37	SAND 2
547	1	26-May-04	313796.26	5994516.86	6.34	SAND 2
548	1	26-May-04	313795.76	5994517.74	6.27	SAND 2
549	1	26-May-04	313795.18	5994518.70	6.26	SAND 2
550	1	26-May-04	313794.80	5994519.33	6.25	SAND 2
551	1	26-May-04	313793.85	5994520.87	6.14	SAND 2
552	1	26-May-04	313792.12	5994523.87	5.98	SAND 2
553	1	26-May-04	313791.17	5994525.35	5.93	SAND 2
554	1	26-May-04	313790.23	5994527.22	5.87	SAND 2
555	1	26-May-04	313789.16	5994529.17	5.79	SAND 2
556	1	26-May-04	313787.27	5994532.32	5.64	SAND 2
557	1	26-May-04	313785.98	5994534.46	5.56	SAND 2
558	1	26-May-04	313784.36	5994537.25	5.47	SAND 2
559	1	26-May-04	313783.10	5994539.21	5.39	SAND 2
1	1	**18-Jul-04**	**313815.00**	**5994485.00**	**9.61**	**Top Rebar BM**
2	1	**18-Jul-04**	**313815.00**	**5994485.00**	**9.25**	**Btm Rebar BM**
3	1	18-Jul-04	313818.26	5994470.01	9.14	3TRLN
4	1	18-Jul-04	313817.36	5994471.45	9.29	3BKDN
5	1	18-Jul-04	313816.66	5994472.81	9.59	3BKDN
6	1	18-Jul-04	313815.16	5994474.24	9.76	3BKDN
7	1	18-Jul-04	313814.43	5994475.43	9.59	3BKDN
8	1	18-Jul-04	313813.59	5994476.70	9.50	3BKDN
9	1	18-Jul-04	313812.85	5994478.12	9.43	3BKDN
10	1	18-Jul-04	313812.02	5994479.78	9.45	3BKDN
11	1	18-Jul-04	313811.56	5994480.87	9.73	3BKDN
12	1	18-Jul-04	313811.08	5994481.57	9.82	3BKDN
13	1	18-Jul-04	313810.71	5994482.38	9.50	3BKDN
14	1	18-Jul-04	313810.26	5994483.48	9.40	3BKDN
15	1	18-Jul-04	313809.75	5994484.25	9.25	3BKDN
16	1	18-Jul-04	313808.95	5994485.37	9.06	3BKDN

17	1	18-Jul-04	313808.51	5994486.02	9.09	3BKDN
18	1	18-Jul-04	313807.68	5994486.84	9.30	3BKDN
19	1	18-Jul-04	313807.22	5994487.65	9.69	3FRDN
20	1	18-Jul-04	313807.00	5994487.89	9.83	3FRDN
21	1	18-Jul-04	313806.81	5994488.29	9.95	3FRDN
22	1	18-Jul-04	313806.32	5994488.99	10.00	3FRDN
23	1	18-Jul-04	313805.74	5994489.76	9.93	3FRDN
24	1	18-Jul-04	313805.38	5994490.53	9.95	3FRDN
25	1	18-Jul-04	313805.17	5994491.08	10.00	3FRDN
26	1	18-Jul-04	313804.70	5994491.95	10.03	3FRDN
27	1	18-Jul-04	313804.22	5994492.83	10.09	3FRDN
28	1	18-Jul-04	313803.77	5994493.59	9.88	3FRDN
29	1	18-Jul-04	313803.30	5994494.40	9.77	3FRDN
30	1	18-Jul-04	313802.65	5994495.03	9.45	3FRDN
31	1	18-Jul-04	313802.17	5994495.96	9.30	3FRDN
32	1	18-Jul-04	313801.69	5994497.00	9.06	3FRDN
33	1	18-Jul-04	313801.22	5994497.80	8.89	3DFWDVEG
34	1	18-Jul-04	313800.86	5994498.44	8.66	3RMP
35	1	18-Jul-04	313800.43	5994499.12	8.46	3RMP
36	1	18-Jul-04	313799.79	5994500.07	8.17	3RMP
37	1	18-Jul-04	313799.29	5994500.96	7.97	3RMP
38	1	18-Jul-04	313798.96	5994501.78	7.97	3RMP
39	1	18-Jul-04	313798.52	5994502.50	7.84	3RMP
40	1	18-Jul-04	313798.10	5994503.18	7.67	3RMP
41	1	18-Jul-04	313797.46	5994504.15	7.29	3RMP
42	1	18-Jul-04	313797.08	5994504.75	7.25	3RMP
43	1	18-Jul-04	313796.65	5994505.30	7.31	3RMP
44	1	18-Jul-04	313796.14	5994505.88	7.46	3RMP
45	1	18-Jul-04	313795.62	5994506.99	7.48	3RMP
46	1	18-Jul-04	313795.36	5994507.54	7.42	3RMP
47	1	18-Jul-04	313794.56	5994508.74	7.14	3DFTWDSND
48	1	18-Jul-04	313794.14	5994509.66	7.15	3DFTWDSND
49	1	18-Jul-04	313793.24	5994510.92	7.24	3DFTWDSND
50	1	18-Jul-04	313792.39	5994512.39	7.22	3DFTWDSND
51	1	18-Jul-04	313791.22	5994514.31	7.16	3SND
52	1	18-Jul-04	313790.40	5994515.59	7.02	3SND
53	1	18-Jul-04	313789.74	5994516.94	6.89	3SND
54	1	18-Jul-04	313788.77	5994518.61	6.82	3SND
55	1	18-Jul-04	313787.56	5994520.45	6.71	3SND
56	1	18-Jul-04	313786.48	5994522.17	6.66	3SND
57	1	18-Jul-04	313785.32	5994524.17	6.58	3SND
58	1	18-Jul-04	313784.14	5994526.21	6.52	3SND
59	1	18-Jul-04	313782.91	5994528.22	6.46	3HTDLN
60	1	18-Jul-04	313781.27	5994530.83	6.48	3SND
61	1	18-Jul-04	313780.15	5994532.67	6.45	3SND
62	1	18-Jul-04	313779.48	5994534.14	6.28	3SND
63	1	18-Jul-04	313778.16	5994536.51	6.11	3SND
64	1	18-Jul-04	313776.48	5994539.15	5.98	3SND
65	1	18-Jul-04	313774.83	5994541.69	5.90	3SND
66	1	18-Jul-04	313773.50	5994544.12	5.82	3SND
67	1	18-Jul-04	313772.06	5994546.20	5.76	3SND

68	1	18-Jul-04	313770.48	5994548.81	5.67	3SND
69	1	18-Jul-04	313768.60	5994552.01	5.59	3SND
70	1	18-Jul-04	313766.86	5994555.37	5.55	3SND
71	1	18-Jul-04	313764.95	5994558.73	5.48	3SND
72	1	18-Jul-04	313762.65	5994562.40	5.39	3SND
73	1	18-Jul-04	313760.54	5994565.54	5.33	3SND
74	1	18-Jul-04	313758.59	5994568.56	5.28	3SND
75	1	18-Jul-04	313757.03	5994571.39	5.22	3SND
76	1	18-Jul-04	313755.07	5994574.69	5.15	3SND
77	1	18-Jul-04	313753.35	5994578.05	5.08	3SND
78	1	18-Jul-04	313750.78	5994582.21	4.99	3SND
79	1	18-Jul-04	313748.52	5994585.97	4.98	3SND
80	1	18-Jul-04	313746.65	5994589.41	4.94	3SND
81	1	18-Jul-04	313744.92	5994592.58	4.90	3SND
82	1	18-Jul-04	313743.26	5994594.61	4.86	3SND
83	1	18-Jul-04	313741.44	5994597.85	4.82	3SND
84	1	18-Jul-04	313740.48	5994599.28	4.79	3SND
85	1	18-Jul-04	313735.91	5994606.82	4.62	3SND
86	1	18-Jul-04	313732.52	5994612.60	4.48	3SND
87	1	18-Jul-04	313728.95	5994618.82	4.35	3SND
88	1	18-Jul-04	313725.05	5994625.35	4.29	3SND
89	1	18-Jul-04	313721.05	5994631.61	4.21	3SND
90	1	18-Jul-04	313716.60	5994638.92	4.11	3SND
91	1	18-Jul-04	313711.68	5994647.27	4.05	3SND
92	1	18-Jul-04	313706.84	5994654.94	3.94	3SND
93	1	18-Jul-04	313702.49	5994662.79	3.77	3SND
94	1	18-Jul-04	313698.25	5994670.02	3.61	3SND
95	1	18-Jul-04	313694.10	5994677.25	3.39	3SND
96	1	18-Jul-04	313689.43	5994684.83	3.19	3SND
97	1	18-Jul-04	313685.10	5994691.98	3.04	3SND
98	1	18-Jul-04	313680.76	5994698.94	2.95	3SND
99	1	18-Jul-04	313676.61	5994705.99	2.89	3SND
100	1	18-Jul-04	313673.08	5994712.00	2.82	3SND
101	1	18-Jul-04	313669.60	5994718.28	2.70	3SND
102	1	18-Jul-04	313664.07	5994727.41	2.54	3SND
103	1	18-Jul-04	313652.77	5994746.96	2.26	3SND
104	1	18-Jul-04	313657.70	5994748.65	2.25	2SND
105	1	18-Jul-04	313664.07	5994752.02	2.26	1SND
106	1	18-Jul-04	313825.80	5994476.88	8.87	1TRLN
107	1	18-Jul-04	313825.13	5994477.78	8.93	1BKDN
108	1	18-Jul-04	313824.43	5994478.84	9.01	1BKDN
109	1	18-Jul-04	313823.55	5994480.13	9.16	1BKDN
110	1	18-Jul-04	313822.70	5994481.43	9.51	1BKDN
111	1	18-Jul-04	313822.05	5994482.60	9.37	1BKDN
112	1	18-Jul-04	313821.42	5994483.86	9.47	1BKDN
113	1	18-Jul-04	313820.65	5994485.07	9.50	1BKDN
114	1	18-Jul-04	313819.95	5994486.16	9.64	1BKDN
115	1	18-Jul-04	313819.57	5994486.99	9.55	1BKDN
116	1	18-Jul-04	313818.65	5994488.19	9.51	1BKDN
117	1	18-Jul-04	313818.08	5994489.08	9.53	1BKDN
118	1	18-Jul-04	313817.36	5994490.24	9.39	1BKDN

119	1	18-Jul-04	313816.91	5994490.96	9.37	1BKDN
120	1	18-Jul-04	313816.03	5994492.56	9.40	1FRDN
121	1	18-Jul-04	313815.75	5994493.12	9.62	1FRDN
122	1	18-Jul-04	313815.34	5994493.79	10.00	1FRDN
123	1	18-Jul-04	313814.97	5994494.36	10.17	1FRDN
124	1	18-Jul-04	313814.30	5994495.40	10.17	1FRDN
125	1	18-Jul-04	313813.28	5994497.20	10.05	1FRDN
126	1	18-Jul-04	313812.48	5994498.44	9.75	1FRDN
127	1	18-Jul-04	313811.89	5994499.25	9.44	1FRDN
128	1	18-Jul-04	313811.22	5994500.35	9.31	1FRDN
129	1	18-Jul-04	313810.81	5994501.26	9.41	1FRDN
130	1	18-Jul-04	313810.43	5994501.99	9.48	1FRDN
131	1	18-Jul-04	313809.84	5994502.79	9.24	1FRDN
132	1	18-Jul-04	313809.51	5994503.37	9.05	1LGVEGSCRP
133	1	18-Jul-04	313809.19	5994503.98	8.87	1RMP
134	1	18-Jul-04	313808.62	5994505.10	8.18	1RMP
135	1	18-Jul-04	313808.20	5994505.56	8.05	1RMP
136	1	18-Jul-04	313807.62	5994506.67	7.90	1RMP
137	1	18-Jul-04	313807.25	5994507.53	7.85	1RMP
138	1	18-Jul-04	313806.73	5994508.65	7.61	1RMP
139	1	18-Jul-04	313806.12	5994509.54	7.58	1RMP
140	1	18-Jul-04	313805.59	5994510.11	7.62	1RMP
141	1	18-Jul-04	313805.27	5994510.64	7.58	1RMP
142	1	18-Jul-04	313804.91	5994511.37	7.24	1DFTWDSND
143	1	18-Jul-04	313804.67	5994512.05	7.32	1DFTWDSND
144	1	18-Jul-04	313804.37	5994512.65	7.46	1DFTWDSND
145	1	18-Jul-04	313803.65	5994513.84	7.44	1DFTWDSND
146	1	18-Jul-04	313802.93	5994515.15	7.33	1DFTWDSND
147	1	18-Jul-04	313801.66	5994517.05	7.29	1DFTWDSND
148	1	18-Jul-04	313800.28	5994519.30	7.23	1DFTWDSND
149	1	18-Jul-04	313799.15	5994521.30	7.08	1SND
150	1	18-Jul-04	313797.64	5994524.21	6.82	1SND
151	1	18-Jul-04	313795.94	5994526.95	6.71	1SND
152	1	18-Jul-04	313794.76	5994529.35	6.63	1SND
153	1	18-Jul-04	313792.06	5994533.22	6.51	1SND
154	1	18-Jul-04	313791.56	5994533.89	6.46	1HGTDLN
155	1	18-Jul-04	313789.84	5994536.89	6.45	1SND
156	1	18-Jul-04	313789.03	5994538.69	6.41	1SND
157	1	18-Jul-04	313786.79	5994542.37	6.13	1SND
158	1	18-Jul-04	313785.36	5994544.53	6.02	1SND
159	1	18-Jul-04	313784.01	5994546.92	5.92	1SND
160	1	18-Jul-04	313783.48	5994547.97	5.90	1SND
161	1	18-Jul-04	313782.06	5994550.32	5.83	1SND
162	1	18-Jul-04	313780.71	5994552.47	5.76	1SND
163	1	18-Jul-04	313779.23	5994554.77	5.67	1SND
164	1	18-Jul-04	313777.48	5994557.43	5.61	1SND
165	1	18-Jul-04	313776.03	5994559.69	5.57	1SND
166	1	18-Jul-04	313774.03	5994563.07	5.49	1SND
167	1	18-Jul-04	313772.03	5994566.37	5.41	1SND
168	1	18-Jul-04	313770.04	5994569.40	5.35	1SND
169	1	18-Jul-04	313767.91	5994572.86	5.29	1SND

170	1	18-Jul-04	313765.69	5994576.45	5.21	1SND
171	1	18-Jul-04	313764.14	5994579.28	5.16	1SND
172	1	18-Jul-04	313762.52	5994582.14	5.11	1SND
173	1	18-Jul-04	313760.60	5994585.00	5.07	1SND
174	1	18-Jul-04	313758.66	5994588.19	5.04	1SND
175	1	18-Jul-04	313756.38	5994591.76	5.00	1SND
176	1	18-Jul-04	313754.36	5994595.51	4.94	1SND
177	1	18-Jul-04	313753.29	5994598.17	4.91	1SND
178	1	18-Jul-04	313752.45	5994600.47	4.88	1SND
179	1	18-Jul-04	313750.96	5994603.28	4.86	1SND
180	1	18-Jul-04	313750.11	5994604.90	4.83	1SND
181	1	18-Jul-04	313747.02	5994610.31	4.70	1SND
182	1	18-Jul-04	313743.89	5994615.39	4.57	1SND
183	1	18-Jul-04	313741.21	5994620.26	4.46	1SND
184	1	18-Jul-04	313738.32	5994624.84	4.39	1SND
185	1	18-Jul-04	313735.77	5994629.73	4.30	1SND
186	1	18-Jul-04	313733.04	5994633.61	4.28	1SND
187	1	18-Jul-04	313730.32	5994638.19	4.21	1SND
188	1	18-Jul-04	313727.83	5994642.45	4.18	1SND
189	1	18-Jul-04	313725.06	5994647.02	4.15	1SND
190	1	18-Jul-04	313722.39	5994651.72	4.09	1SND
191	1	18-Jul-04	313719.96	5994655.70	4.03	1SND
192	1	18-Jul-04	313717.14	5994660.22	3.96	1SND
193	1	18-Jul-04	313714.59	5994664.25	3.90	1SND
194	1	18-Jul-04	313712.26	5994668.07	3.78	1SND
195	1	18-Jul-04	313710.38	5994671.56	3.72	1SND
196	1	18-Jul-04	313706.57	5994678.40	3.56	1SND
197	1	18-Jul-04	313703.17	5994684.17	3.37	1SND
198	1	18-Jul-04	313699.80	5994689.83	3.23	1SND
199	1	18-Jul-04	313696.42	5994695.56	3.10	1SND
200	1	18-Jul-04	313692.96	5994701.52	3.00	1SND
201	1	18-Jul-04	313689.39	5994707.43	2.93	1SND
202	1	18-Jul-04	313685.91	5994713.27	2.88	1SND
203	1	18-Jul-04	313683.02	5994718.68	2.79	1SND
204	1	18-Jul-04	313680.27	5994723.69	2.72	1SND
205	1	18-Jul-04	313821.95	5994473.00	9.36	2TRLN
206	1	18-Jul-04	313821.25	5994473.89	9.46	2BKDN
207	1	18-Jul-04	313820.89	5994474.69	9.29	2BKDN
208	1	18-Jul-04	313820.53	5994475.36	9.35	2BKDN
209	1	18-Jul-04	313819.77	5994476.55	9.54	2BKDN
210	1	18-Jul-04	313819.31	5994477.26	9.69	2BKDN
211	1	18-Jul-04	313818.70	5994478.41	9.52	2BKDN
212	1	18-Jul-04	313818.07	5994479.70	9.51	2BKDN
213	1	18-Jul-04	313817.42	5994480.81	9.29	2BKDN
214	1	18-Jul-04	313816.68	5994482.10	9.20	2BKDN
215	1	18-Jul-04	313816.04	5994483.21	9.37	2BKDN
216	1	18-Jul-04	313815.62	5994483.94	9.54	2BKDN
217	1	18-Jul-04	313814.18	5994486.51	9.62	2BKDN
218	1	18-Jul-04	313813.95	5994487.07	9.37	2BKDN
219	1	18-Jul-04	313813.11	5994488.24	9.13	2BKDN
220	1	18-Jul-04	313812.13	5994489.90	9.16	2BKDN

221	1	18-Jul-04	313811.69	5994490.48	9.39	2FRDN
222	1	18-Jul-04	313811.40	5994491.11	9.48	2FRDN
223	1	18-Jul-04	313811.03	5994491.70	9.72	2FRDN
224	1	18-Jul-04	313810.67	5994492.24	9.95	2FRDN
225	1	18-Jul-04	313810.34	5994492.84	10.05	2FRDN
226	1	18-Jul-04	313809.21	5994494.77	9.95	2FRDN
227	1	18-Jul-04	313808.36	5994495.76	9.80	2FRDN
228	1	18-Jul-04	313807.57	5994497.43	9.54	2FRDN
229	1	18-Jul-04	313806.54	5994499.06	9.26	2FRDN
230	1	18-Jul-04	313805.90	5994500.02	8.93	2FRDN
231	1	18-Jul-04	313805.02	5994501.53	8.83	2LGVEGSCRP
232	1	18-Jul-04	313804.39	5994502.47	8.08	2RMP
233	1	18-Jul-04	313803.72	5994503.14	7.87	2RMP
234	1	18-Jul-04	313803.83	5994503.73	7.52	2RMP
235	1	18-Jul-04	313803.70	5994504.17	7.72	2RMP
236	1	18-Jul-04	313803.22	5994504.46	7.75	2RMP
237	1	18-Jul-04	313802.92	5994505.21	7.81	2RMP
238	1	18-Jul-04	313802.60	5994505.78	7.75	2RMP
239	1	18-Jul-04	313802.26	5994506.56	7.55	2RMP
240	1	18-Jul-04	313801.51	5994507.29	7.34	2RMP
241	1	18-Jul-04	313800.93	5994508.37	7.24	2DFTWDSND
242	1	18-Jul-04	313800.32	5994509.72	7.24	2DFTWDSND
243	1	18-Jul-04	313799.97	5994510.17	7.37	2DFTWDSND
244	1	18-Jul-04	313799.22	5994511.37	7.26	2DFTWDSND
245	1	18-Jul-04	313799.23	5994511.37	7.26	2DFTWDSND
246	1	18-Jul-04	313798.17	5994513.10	7.24	2DFTWDSND
247	1	18-Jul-04	313797.02	5994514.93	7.25	2DFTWDSND
248	1	18-Jul-04	313795.98	5994516.89	7.11	2DFTWDSND
249	1	18-Jul-04	313795.00	5994518.57	7.03	2DFTWDSND
250	1	18-Jul-04	313794.92	5994518.85	6.99	2SND
251	1	18-Jul-04	313793.37	5994521.15	6.80	2SND
252	1	18-Jul-04	313792.14	5994523.19	6.73	2SND
253	1	18-Jul-04	313790.95	5994525.10	6.64	2SND
254	1	18-Jul-04	313789.65	5994527.37	6.55	2SND
255	1	18-Jul-04	313788.64	5994529.01	6.53	2SND
256	1	18-Jul-04	313787.42	5994531.30	6.47	2HGTDLN
257	1	18-Jul-04	313785.78	5994533.86	6.46	2SND
258	1	18-Jul-04	313784.74	5994535.39	6.47	2SND
259	1	18-Jul-04	313784.29	5994536.23	6.38	2SND
260	1	18-Jul-04	313783.14	5994538.13	6.19	2SND
261	1	18-Jul-04	313781.67	5994540.48	6.04	2SND
262	1	18-Jul-04	313780.30	5994542.93	5.95	2SND
263	1	18-Jul-04	313779.38	5994544.54	5.90	2SND
264	1	18-Jul-04	313777.26	5994547.95	5.80	2SND
265	1	18-Jul-04	313775.58	5994550.94	5.71	2SND
266	1	18-Jul-04	313773.36	5994554.53	5.60	2SND
267	1	18-Jul-04	313770.90	5994558.87	5.53	2SND
268	1	18-Jul-04	313768.58	5994562.54	5.45	2SND
269	1	18-Jul-04	313766.75	5994566.05	5.38	2SND
270	1	18-Jul-04	313764.46	5994569.76	5.30	2SND
271	1	18-Jul-04	313762.08	5994573.58	5.22	2SND

272	1	18-Jul-04	313759.70	5994577.35	5.17	2SND
273	1	18-Jul-04	313757.64	5994580.88	5.09	2SND
274	1	18-Jul-04	313755.51	5994584.57	5.02	2SND
275	1	18-Jul-04	313753.27	5994588.09	5.00	2SND
276	1	18-Jul-04	313751.27	5994591.80	4.97	2SND
277	1	18-Jul-04	313749.18	5994595.22	4.92	2SND
278	1	18-Jul-04	313747.06	5994598.87	4.86	2SND
279	1	18-Jul-04	313745.70	5994601.01	4.81	2SND
280	1	18-Jul-04	313741.68	5994607.68	4.66	2SND
281	1	18-Jul-04	313737.02	5994615.23	4.51	2SND
282	1	18-Jul-04	313732.11	5994623.52	4.31	2SND
283	1	18-Jul-04	313727.62	5994631.31	4.24	2SND
284	1	18-Jul-04	313723.21	5994638.74	4.19	2SND
285	1	18-Jul-04	313718.86	5994645.77	4.09	2SND
286	1	18-Jul-04	313714.50	5994652.85	4.02	2SND
287	1	18-Jul-04	313710.16	5994660.48	3.89	2SND
288	1	18-Jul-04	313705.02	5994669.08	3.70	2SND
289	1	18-Jul-04	313699.15	5994679.06	3.43	2SND
1	1	**15-Feb-05**	**313815.00**	**5994485.00**	**9.61**	**Top Rebar BM**
2	1	**15-Feb-05**	**313815.00**	**5994485.00**	**9.26**	**BTM Rebar BM**
3	1	15-Feb-05	313737.18	5994626.84	4.08	END1
4	1	15-Feb-05	313740.73	5994620.65	4.16	SND1
5	1	15-Feb-05	313743.26	5994616.45	4.22	SND1
6	1	15-Feb-05	313745.40	5994612.84	4.31	SND1
7	1	15-Feb-05	313747.65	5994608.85	4.36	SND1
8	1	15-Feb-05	313750.08	5994604.77	4.43	SND1
9	1	15-Feb-05	313752.31	5994600.85	4.49	SND1
10	1	15-Feb-05	313754.72	5994596.69	4.56	SND1
11	1	15-Feb-05	313756.90	5994592.97	4.63	SND1
12	1	15-Feb-05	313759.50	5994588.67	4.70	SND1
13	1	15-Feb-05	313761.87	5994584.57	4.76	SND1
14	1	15-Feb-05	313764.31	5994580.30	4.83	SND1
15	1	15-Feb-05	313766.46	5994576.61	4.90	SND1
16	1	15-Feb-05	313769.14	5994572.07	4.97	SND1
17	1	15-Feb-05	313772.13	5994567.25	5.06	SND1
18	1	15-Feb-05	313774.43	5994563.25	5.12	SND1
19	1	15-Feb-05	313777.00	5994558.98	5.18	SND1
20	1	15-Feb-05	313779.31	5994554.95	5.30	SND1
21	1	15-Feb-05	313781.66	5994550.94	5.40	SND1
22	1	15-Feb-05	313784.14	5994546.74	5.49	SND1
23	1	15-Feb-05	313785.82	5994543.80	5.57	BCH1
24	1	15-Feb-05	313787.31	5994541.25	5.65	BCH1
25	1	15-Feb-05	313789.03	5994538.33	5.74	BCH1
26	1	15-Feb-05	313790.60	5994535.62	5.81	BCH1
27	1	15-Feb-05	313792.06	5994533.02	5.91	BCH1
28	1	15-Feb-05	313793.21	5994531.04	5.99	BCH1
29	1	15-Feb-05	313794.54	5994528.88	6.08	BCH1
30	1	15-Feb-05	313795.67	5994527.00	6.14	BCH1
31	1	15-Feb-05	313797.02	5994524.77	6.24	BCH1
32	1	15-Feb-05	313798.18	5994522.82	6.34	BCH1
33	1	15-Feb-05	313799.16	5994521.32	6.40	BCH1

34	1	15-Feb-05	313800.16	5994519.44	6.48	BCH1
35	1	15-Feb-05	313801.04	5994518.05	6.57	BCH1
36	1	15-Feb-05	313801.84	5994516.59	6.64	DFWD1
37	1	15-Feb-05	313802.78	5994515.16	6.72	DFWD1
38	1	15-Feb-05	313803.22	5994514.53	6.75	DFWD1
39	1	15-Feb-05	313803.63	5994513.86	6.84	DFWD1
40	1	15-Feb-05	313804.08	5994513.38	6.84	DFWD1
41	1	15-Feb-05	313804.35	5994512.95	6.87	DFWD1
42	1	15-Feb-05	313804.61	5994512.41	6.90	DFWD1
43	1	15-Feb-05	313804.79	5994512.14	6.91	DFWD1
44	1	15-Feb-05	313805.12	5994511.55	6.95	DFWD1
45	1	15-Feb-05	313805.19	5994511.58	6.95	DFWD1
46	1	15-Feb-05	313805.28	5994511.36	6.94	DFWD1
47	1	15-Feb-05	313805.77	5994510.26	7.01	DFWD1
48	1	15-Feb-05	313805.99	5994509.87	7.08	DFWD1
49	1	15-Feb-05	313806.14	5994509.60	7.12	DFWD1
50	1	15-Feb-05	313806.20	5994509.34	7.15	DFWD1
51	1	15-Feb-05	313806.39	5994509.01	7.18	DFWD1
52	1	15-Feb-05	313806.58	5994508.87	7.22	DFWD1
53	1	15-Feb-05	313806.79	5994508.68	7.21	DFWD1
54	1	15-Feb-05	313806.73	5994508.33	7.25	DFWD1
55	1	15-Feb-05	313806.59	5994508.05	7.25	DFWD1
56	1	15-Feb-05	313807.41	5994507.27	7.43	DFWD1
57	1	15-Feb-05	313807.66	5994507.13	7.50	SCRP1
58	1	15-Feb-05	313808.05	5994506.62	7.84	SCRP1
59	1	15-Feb-05	313808.37	5994506.44	8.01	SCRP1
60	1	15-Feb-05	313808.49	5994506.13	8.14	FRDN1
61	1	15-Feb-05	313808.61	5994505.62	8.30	FRDN1
62	1	15-Feb-05	313808.86	5994505.16	8.51	FRDN1
63	1	15-Feb-05	313809.27	5994504.62	8.80	FRDN1
64	1	15-Feb-05	313809.69	5994503.87	9.11	FRDN1
65	1	15-Feb-05	313810.00	5994503.07	9.24	FRDN1
66	1	15-Feb-05	313810.40	5994502.43	9.42	FRDN1
67	1	15-Feb-05	313810.74	5994501.97	9.62	FRDN1
68	1	15-Feb-05	313810.94	5994501.67	9.75	FRDN1
69	1	15-Feb-05	313811.27	5994501.29	9.70	FRDN1
70	1	15-Feb-05	313811.33	5994500.86	9.67	FRDN1
71	1	15-Feb-05	313811.62	5994500.38	9.80	FRDN1
72	1	15-Feb-05	313812.06	5994499.75	9.79	FRDN1
73	1	15-Feb-05	313812.47	5994499.02	9.78	FRDN1
74	1	15-Feb-05	313812.85	5994498.41	9.70	FRDN1
75	1	15-Feb-05	313813.25	5994497.52	9.80	FRDN1
76	1	15-Feb-05	313813.27	5994497.49	9.79	FRDN1
77	1	15-Feb-05	313813.86	5994496.57	9.88	FRDN1
78	1	15-Feb-05	313814.84	5994495.21	9.97	FRDN1
79	1	15-Feb-05	313815.25	5994494.14	9.57	FRDN1
80	1	15-Feb-05	313815.98	5994493.22	9.31	FRDN1
81	1	15-Feb-05	313816.21	5994492.88	9.16	FRDN1
82	1	15-Feb-05	313816.77	5994491.93	9.12	FRDN1
83	1	15-Feb-05	313817.53	5994490.73	9.16	BKDN1
84	1	15-Feb-05	313818.28	5994489.59	9.17	BKDN1

85	1	15-Feb-05	313818.87	5994488.67	9.15	BKDN1
86	1	15-Feb-05	313819.54	5994487.78	9.18	BKDN1
87	1	15-Feb-05	313820.28	5994486.56	9.25	BKDN1
88	1	15-Feb-05	313821.36	5994484.81	9.13	BKDN1
89	1	15-Feb-05	313822.57	5994483.18	9.06	BKDN1
90	1	15-Feb-05	313823.79	5994480.84	8.85	BKDN1
91	1	15-Feb-05	313825.03	5994478.92	8.66	BKDN1
92	1	15-Feb-05	313826.06	5994477.29	8.56	BKDN1
93	1	15-Feb-05	313827.35	5994475.20	8.65	BKDN1
94	1	15-Feb-05	313828.40	5994473.72	8.71	TRLN1
95	1	15-Feb-05	313727.24	5994620.54	4.06	END2
96	1	15-Feb-05	313761.58	5994573.71	4.87	SND2
97	1	15-Feb-05	313764.56	5994568.85	4.96	SND2
98	1	15-Feb-05	313767.16	5994564.47	5.01	SND2
99	1	15-Feb-05	313770.37	5994559.03	5.13	SND2
100	1	15-Feb-05	313773.46	5994553.88	5.21	SND2
101	1	15-Feb-05	313776.32	5994548.98	5.33	SND2
102	1	15-Feb-05	313779.53	5994543.66	5.48	SND2
103	1	15-Feb-05	313781.87	5994539.72	5.60	SND2
104	1	15-Feb-05	313784.10	5994535.95	5.68	SND2
105	1	15-Feb-05	313786.35	5994532.11	5.82	BCH2
106	1	15-Feb-05	313788.72	5994528.20	5.97	BCH2
107	1	15-Feb-05	313790.77	5994524.74	6.08	BCH2
108	1	15-Feb-05	313792.56	5994521.66	6.21	BCH2
109	1	15-Feb-05	313794.48	5994518.52	6.36	BCH2
110	1	15-Feb-05	313795.54	5994516.66	6.45	BCH2
111	1	15-Feb-05	313796.30	5994515.35	6.49	BCH2
112	1	15-Feb-05	313796.88	5994514.43	6.57	BCH2
113	1	15-Feb-05	313797.41	5994513.60	6.60	BCH2
114	1	15-Feb-05	313797.80	5994512.95	6.66	BCH2
115	1	15-Feb-05	313798.23	5994512.29	6.66	BCH2
116	1	15-Feb-05	313798.73	5994511.47	6.74	BCH2
117	1	15-Feb-05	313799.15	5994510.84	6.76	BCH2
118	1	15-Feb-05	313799.46	5994510.34	6.81	DFWD2
119	1	15-Feb-05	313799.87	5994509.63	6.84	DFWD2
120	1	15-Feb-05	313800.19	5994509.14	6.86	DFWD2
121	1	15-Feb-05	313800.44	5994508.62	6.87	DFWD2
122	1	15-Feb-05	313800.60	5994508.37	6.88	DFWD2
123	1	15-Feb-05	313800.77	5994508.08	6.93	DFWD2
124	1	15-Feb-05	313801.32	5994507.17	6.99	DFWD2
125	1	15-Feb-05	313801.54	5994506.80	7.01	DFWD2
126	1	15-Feb-05	313801.94	5994506.33	7.02	DFWD2
127	1	15-Feb-05	313802.12	5994505.98	7.04	DFWD2
128	1	15-Feb-05	313802.29	5994505.63	7.08	DFWD2
129	1	15-Feb-05	313802.50	5994504.91	7.15	DFWD2
130	1	15-Feb-05	313802.76	5994504.61	7.16	DFWD2
131	1	15-Feb-05	313802.93	5994504.44	7.21	DFWD2
132	1	15-Feb-05	313803.10	5994504.29	7.21	DFWD2
133	1	15-Feb-05	313803.14	5994504.06	7.22	DFWD2
134	1	15-Feb-05	313803.31	5994503.80	7.25	DFWD2
135	1	15-Feb-05	313803.55	5994503.64	7.29	DFWD2

136	1	15-Feb-05	313803.77	5994503.36	7.36	SCRP2
137	1	15-Feb-05	313803.83	5994503.24	7.40	SCRP2
138	1	15-Feb-05	313804.15	5994503.10	8.08	SCRP2
139	1	15-Feb-05	313804.37	5994502.78	8.19	FRDN2
140	1	15-Feb-05	313804.54	5994502.53	8.34	FRDN2
141	1	15-Feb-05	313804.66	5994502.33	8.44	FRDN2
142	1	15-Feb-05	313804.80	5994502.08	8.43	FRDN2
143	1	15-Feb-05	313805.30	5994500.90	8.61	FRDN2
144	1	15-Feb-05	313805.49	5994500.63	8.82	FRDN2
145	1	15-Feb-05	313806.30	5994499.37	9.02	FRDN2
146	1	15-Feb-05	313806.56	5994498.16	9.12	FRDN2
147	1	15-Feb-05	313806.97	5994497.51	9.18	FRDN2
148	1	15-Feb-05	313807.22	5994497.12	9.31	FRDN2
149	1	15-Feb-05	313807.49	5994496.66	9.41	FRDN2
150	1	15-Feb-05	313807.67	5994496.07	9.63	FRDN2
151	1	15-Feb-05	313807.93	5994495.59	9.70	FRDN2
152	1	15-Feb-05	313808.58	5994494.35	9.77	FRDN2
153	1	15-Feb-05	313809.31	5994493.00	9.77	FRDN2
154	1	15-Feb-05	313809.87	5994492.35	9.70	FRDN2
155	1	15-Feb-05	313811.24	5994490.50	9.15	FRDN2
156	1	15-Feb-05	313811.58	5994490.11	8.86	FRDN2
157	1	15-Feb-05	313811.85	5994489.73	8.82	BKDN2
158	1	15-Feb-05	313812.32	5994489.19	8.77	BKDN2
159	1	15-Feb-05	313812.75	5994488.45	8.74	BKDN2
160	1	15-Feb-05	313813.39	5994487.47	8.95	BKDN2
161	1	15-Feb-05	313813.70	5994487.04	9.06	BKDN2
162	1	15-Feb-05	313813.92	5994486.51	9.26	BKDN2
163	1	15-Feb-05	313814.46	5994485.82	9.23	BKDN2
164	1	15-Feb-05	313815.70	5994484.01	9.22	BKDN2
165	1	15-Feb-05	313816.55	5994483.10	9.00	BKDN2
166	1	15-Feb-05	313816.95	5994482.11	8.85	BKDN2
167	1	15-Feb-05	313817.90	5994480.65	8.97	BKDN2
168	1	15-Feb-05	313818.91	5994479.17	9.18	BKDN2
169	1	15-Feb-05	313820.18	5994477.30	9.31	BKDN2
170	1	15-Feb-05	313821.05	5994475.93	9.09	BKDN2
171	1	15-Feb-05	313822.07	5994474.70	8.93	BKDN2
172	1	15-Feb-05	313822.59	5994473.42	9.07	BKDN2
173	1	15-Feb-05	313823.51	5994472.36	8.91	BKDN2
174	1	15-Feb-05	313824.04	5994471.26	8.78	TRLN2
175	1	15-Feb-05	313725.64	5994620.23	4.04	END3
176	1	15-Feb-05	313756.26	5994570.42	4.86	SND3
177	1	15-Feb-05	313759.30	5994565.25	4.97	SND3
178	1	15-Feb-05	313761.50	5994561.69	5.02	SND3
179	1	15-Feb-05	313763.88	5994557.88	5.08	SND3
180	1	15-Feb-05	313766.34	5994553.93	5.17	SND3
181	1	15-Feb-05	313768.60	5994550.20	5.23	SND3
182	1	15-Feb-05	313770.91	5994546.46	5.33	SND3
183	1	15-Feb-05	313773.33	5994542.65	5.42	SND3
184	1	15-Feb-05	313775.86	5994538.51	5.52	SND3
185	1	15-Feb-05	313777.90	5994535.31	5.61	BCH3
186	1	15-Feb-05	313779.93	5994531.89	5.73	BCH3

187	1	15-Feb-05	313781.97	5994528.24	5.85	BCH3
188	1	15-Feb-05	313783.57	5994525.80	5.94	BCH3
189	1	15-Feb-05	313785.13	5994523.45	6.03	BCH3
190	1	15-Feb-05	313786.57	5994520.93	6.13	BCH3
191	1	15-Feb-05	313788.33	5994518.11	6.24	BCH3
192	1	15-Feb-05	313789.72	5994515.72	6.35	BCH3
193	1	15-Feb-05	313791.40	5994513.19	6.46	BCH3
194	1	15-Feb-05	313792.67	5994510.75	6.59	BCH3
195	1	15-Feb-05	313794.03	5994508.83	6.67	BCH3
196	1	15-Feb-05	313794.99	5994507.48	6.76	BCH3
197	1	15-Feb-05	313796.05	5994505.73	6.88	DFWD3
198	1	15-Feb-05	313797.03	5994503.80	7.00	DFWD3
199	1	15-Feb-05	313797.04	5994503.79	7.00	DFWD3
200	1	15-Feb-05	313797.54	5994502.78	7.09	DFWD3
201	1	15-Feb-05	313797.92	5994502.01	7.13	DFWD3
202	1	15-Feb-05	313798.49	5994501.02	7.22	DFWD3
203	1	15-Feb-05	313798.84	5994500.56	7.30	DFWD3
204	1	15-Feb-05	313799.13	5994500.06	7.41	DFWD3
205	1	15-Feb-05	313799.40	5994499.91	7.58	SCRP3
206	1	15-Feb-05	313799.55	5994499.73	7.72	SCRP3
207	1	15-Feb-05	313799.92	5994499.47	8.06	SCRP3
208	1	15-Feb-05	313800.15	5994499.07	8.17	SCRP3
209	1	15-Feb-05	313800.37	5994498.81	8.31	FRDN3
210	1	15-Feb-05	313800.45	5994498.32	8.50	FRDN3
211	1	15-Feb-05	313800.79	5994497.76	8.62	FRDN3
212	1	15-Feb-05	313801.17	5994497.05	8.75	FRDN3
213	1	15-Feb-05	313801.55	5994496.41	8.95	FRDN3
214	1	15-Feb-05	313801.85	5994495.74	9.28	FRDN3
215	1	15-Feb-05	313802.23	5994495.10	9.38	FRDN3
216	1	15-Feb-05	313802.29	5994493.59	9.63	FRDN3
217	1	15-Feb-05	313802.96	5994492.66	9.80	FRDN3
218	1	15-Feb-05	313803.69	5994491.60	9.81	FRDN3
219	1	15-Feb-05	313804.07	5994491.31	9.69	FRDN3
220	1	15-Feb-05	313804.87	5994490.27	9.41	FRDN3
221	1	15-Feb-05	313805.37	5994489.25	9.42	FRDN3
222	1	15-Feb-05	313806.01	5994488.26	9.46	FRDN3
223	1	15-Feb-05	313806.47	5994487.57	9.40	FRDN3
224	1	15-Feb-05	313807.14	5994486.67	9.07	FRDN3
225	1	15-Feb-05	313807.59	5994486.08	8.84	FRDN3
226	1	15-Feb-05	313808.24	5994485.37	8.68	BKDN3
227	1	15-Feb-05	313809.03	5994484.02	8.93	BKDN3
228	1	15-Feb-05	313809.47	5994483.29	8.93	BKDN3
229	1	15-Feb-05	313810.49	5994481.90	9.19	BKDN3
230	1	15-Feb-05	313811.19	5994480.75	9.47	BKDN3
231	1	15-Feb-05	313811.87	5994480.05	9.20	BKDN3
232	1	15-Feb-05	313813.36	5994477.87	9.05	BKDN3
233	1	15-Feb-05	313814.37	5994476.51	9.16	BKDN3
234	1	15-Feb-05	313815.38	5994475.23	9.32	BKDN3
235	1	15-Feb-05	313816.85	5994473.36	9.38	BKDN3
236	1	15-Feb-05	313818.04	5994471.45	9.08	BKDN3
237	1	15-Feb-05	313819.76	5994468.94	8.78	BKDN3

238	1	15-Feb-05	313821.17	5994467.06	8.71	TRLN3
1	1	**10-May-05**	**313815.00**	**5994485.00**	**9.61**	**TP Rebar BM**
2	1	**10-May-05**	**313815.00**	**5994485.00**	**9.26**	**BM Rebar BM**
3	1	10-May-05	313827.48	5994475.22	8.57	TRLN 1
4	1	10-May-05	313826.35	5994476.97	8.49	TRLN 1
5	1	10-May-05	313825.01	5994478.62	8.62	TRLN 1
6	1	10-May-05	313824.00	5994479.97	8.77	TRLN 1
7	1	10-May-05	313822.22	5994483.19	9.07	TRLN 1
8	1	10-May-05	313821.72	5994484.17	9.19	BKDN 1
9	1	10-May-05	313820.79	5994485.58	9.19	BKDN 1
10	1	10-May-05	313819.92	5994486.87	9.21	BKDN 1
11	1	10-May-05	313818.81	5994488.40	9.12	BKDN 1
12	1	10-May-05	313818.16	5994489.43	9.20	BKDN 1
13	1	10-May-05	313817.73	5994490.17	9.14	BKDN 1
14	1	10-May-05	313817.50	5994490.71	9.12	BKDN 1
15	1	10-May-05	313817.12	5994491.21	9.06	BKDN 1
16	1	10-May-05	313816.45	5994492.05	9.15	FRDN 1
17	1	10-May-05	313816.13	5994492.68	9.31	FRDN 1
18	1	10-May-05	313815.96	5994493.20	9.42	FRDN 1
19	1	10-May-05	313815.80	5994493.61	9.50	FRDN 1
20	1	10-May-05	313815.62	5994493.98	9.58	FRDN 1
21	1	10-May-05	313815.42	5994494.40	9.74	FRDN 1
22	1	10-May-05	313815.31	5994494.58	9.82	FRDN 1
23	1	10-May-05	313815.03	5994494.94	9.84	FRDN 1
24	1	10-May-05	313814.61	5994495.24	9.88	FRDN 1
25	1	10-May-05	313814.37	5994495.73	9.86	FRDN 1
26	1	10-May-05	313814.04	5994496.17	9.87	FRDN 1
27	1	10-May-05	313813.59	5994496.87	9.83	FRDN 1
28	1	10-May-05	313813.06	5994497.59	9.77	FRDN 1
29	1	10-May-05	313812.60	5994498.23	9.74	FRDN 1
30	1	10-May-05	313812.33	5994498.69	9.65	FRDN 1
31	1	10-May-05	313812.08	5994499.05	9.53	FRDN 1
32	1	10-May-05	313811.84	5994499.58	9.44	FRDN 1
33	1	10-May-05	313811.51	5994500.11	9.39	FRDN 1
34	1	10-May-05	313811.31	5994500.54	9.36	FRDN 1
35	1	10-May-05	313811.03	5994500.97	9.32	FRDN 1
36	1	10-May-05	313810.90	5994501.27	9.28	FRDN 1
37	1	10-May-05	313810.75	5994501.52	9.26	FRDN 1
38	1	10-May-05	313810.63	5994501.75	9.28	FRDN 1
39	1	10-May-05	313810.60	5994501.92	9.34	FRDN 1
40	1	10-May-05	313810.53	5994502.08	9.32	FRDN 1
41	1	10-May-05	313810.44	5994502.13	9.29	FRDN 1
42	1	10-May-05	313810.38	5994502.46	9.16	FRDN 1
43	1	10-May-05	313810.23	5994502.66	9.06	FRDN 1
44	1	10-May-05	313810.17	5994502.82	9.00	FRDN 1
45	1	10-May-05	313810.05	5994503.05	8.91	FRDN 1
46	1	10-May-05	313809.99	5994503.25	8.83	FRDN 1
47	1	10-May-05	313809.80	5994503.41	8.74	FRDN 1
48	1	10-May-05	313809.61	5994503.64	8.65	FRDN 1
49	1	10-May-05	313809.48	5994503.86	8.58	FRDN 1
50	1	10-May-05	313809.39	5994503.97	8.53	FRDN 1

51	1	10-May-05	313809.20	5994504.27	8.37	FRDN	1
52	1	10-May-05	313809.08	5994504.44	8.28	FRDN	1
53	1	10-May-05	313809.04	5994504.60	8.18	FRDN	1
54	1	10-May-05	313808.87	5994504.93	7.95	FRDN	1
55	1	10-May-05	313808.71	5994505.09	7.76	FRDN	1
56	1	10-May-05	313808.64	5994505.21	7.77	DSM	1
57	1	10-May-05	313808.40	5994505.48	7.69	DSM	1
58	1	10-May-05	313808.36	5994505.66	7.64	DSM	1
59	1	10-May-05	313808.16	5994505.93	7.65	DSM	1
60	1	10-May-05	313807.99	5994506.21	7.57	DSM	1
61	1	10-May-05	313807.88	5994506.43	7.51	DSM	1
62	1	10-May-05	313807.72	5994506.62	7.52	DSM	1
63	1	10-May-05	313807.64	5994506.78	7.49	DSM	1
64	1	10-May-05	313807.55	5994506.95	7.47	DSM	1
65	1	10-May-05	313807.47	5994507.10	7.42	DSM	1
66	1	10-May-05	313807.27	5994507.37	7.32	DSM	1
67	1	10-May-05	313806.99	5994507.96	7.30	DSM	1
68	1	10-May-05	313806.65	5994508.44	7.18	DSM	1
69	1	10-May-05	313806.49	5994508.57	7.20	DSM	1
70	1	10-May-05	313806.38	5994508.66	7.25	DSM	1
71	1	10-May-05	313806.13	5994509.39	7.23	DSM	1
72	1	10-May-05	313806.05	5994509.48	7.26	DSM	1
73	1	10-May-05	313805.97	5994509.75	7.22	DSM	1
74	1	10-May-05	313805.77	5994509.95	7.16	DSM	1
75	1	10-May-05	313805.70	5994510.08	7.14	DSM	1
76	1	10-May-05	313805.63	5994510.22	7.14	DSM	1
77	1	10-May-05	313805.57	5994510.36	7.13	DSM	1
78	1	10-May-05	313805.52	5994510.48	7.14	DSM	1
79	1	10-May-05	313805.46	5994510.57	7.20	DSM	1
80	1	10-May-05	313805.44	5994510.63	7.24	DSM	1
81	1	10-May-05	313805.16	5994511.15	7.23	DSM	1
82	1	10-May-05	313805.16	5994511.21	7.26	DSM	1
83	1	10-May-05	313804.88	5994511.61	7.14	DSM	1
84	1	10-May-05	313804.78	5994511.77	7.12	DSM	1
85	1	10-May-05	313804.73	5994511.92	7.09	DSM	1
86	1	10-May-05	313804.61	5994512.11	7.05	DSM	1
87	1	10-May-05	313804.45	5994512.25	7.08	DSM	1
88	1	10-May-05	313804.31	5994512.41	7.11	DSM	1
89	1	10-May-05	313804.27	5994512.55	7.15	DSM	1
90	1	10-May-05	313804.18	5994512.66	7.18	DSM	1
91	1	10-May-05	313803.98	5994512.96	6.97	DSM	1
92	1	10-May-05	313803.96	5994513.00	6.99	DSM	1
93	1	10-May-05	313803.80	5994513.29	6.90	DSM	1
94	1	10-May-05	313803.75	5994513.38	6.90	DSM	1
95	1	10-May-05	313803.69	5994513.51	6.90	DSM	1
96	1	10-May-05	313803.48	5994513.79	6.87	DSM	1
97	1	10-May-05	313803.33	5994513.92	6.85	DSM	1
98	1	10-May-05	313803.23	5994514.09	6.85	DSM	1
99	1	10-May-05	313803.05	5994514.35	6.84	DSM	1
100	1	10-May-05	313802.75	5994514.74	6.81	DSM	1
101	1	10-May-05	313802.66	5994514.92	6.84	DSM	1

102	1	10-May-05	313802.50	5994515.08	6.83	DSM 1
103	1	10-May-05	313802.52	5994515.22	6.81	DSM 1
104	1	10-May-05	313802.39	5994515.32	6.73	DSM 1
105	1	10-May-05	313802.36	5994515.43	6.70	DSM 1
106	1	10-May-05	313802.33	5994515.51	6.69	DSM 1
107	1	10-May-05	313802.18	5994515.69	6.68	DSM 1
108	1	10-May-05	313802.17	5994515.90	6.69	DSM 1
109	1	10-May-05	313802.12	5994516.07	6.69	DSM 1
110	1	10-May-05	313802.01	5994516.31	6.70	DSM 1
111	1	10-May-05	313801.88	5994516.51	6.67	DSM 1
112	1	10-May-05	313801.80	5994516.66	6.66	BCH 1
113	1	10-May-05	313801.65	5994517.00	6.66	BCH 1
114	1	10-May-05	313801.16	5994517.86	6.66	BCH 1
115	1	10-May-05	313800.56	5994518.94	6.61	BCH 1
116	1	10-May-05	313800.06	5994519.82	6.55	BCH 1
117	1	10-May-05	313798.85	5994521.48	6.47	BCH 1
118	1	10-May-05	313798.16	5994522.53	6.37	BCH 1
119	1	10-May-05	313797.42	5994523.80	6.26	BCH 1
120	1	10-May-05	313796.28	5994525.75	6.12	BCH 1
121	1	10-May-05	313794.67	5994528.32	6.00	BCH 1
122	1	10-May-05	313791.87	5994533.08	5.85	BCH 1
123	1	10-May-05	313788.57	5994538.50	5.70	BCH 1
124	1	10-May-05	313787.00	5994541.03	5.63	BCH 1
125	1	10-May-05	313781.09	5994551.03	5.41	BCH 1
126	1	10-May-05	313775.30	5994560.58	5.22	BCH 1
127	1	10-May-05	313770.69	5994567.85	5.06	BCH 1
128	1	10-May-05	313762.76	5994580.95	4.87	BCH 1
129	1	10-May-05	313754.98	5994593.56	4.68	BCH 1
130	1	10-May-05	313747.27	5994606.33	4.31	BCH 1
131	1	10-May-05	313738.82	5994620.23	4.18	BCH 1
132	1	10-May-05	313730.42	5994634.04	4.03	BCH 1
133	1	10-May-05	313718.45	5994653.24	3.40	BCH 1
134	1	10-May-05	313705.93	5994673.92	2.88	BCH 1
135	1	10-May-05	313695.01	5994692.02	2.78	BCH 1
136	1	10-May-05	313687.49	5994704.12	2.55	BCH 1
137	1	10-May-05	313680.87	5994714.77	2.48	BCH 1
138	1	10-May-05	313675.61	5994723.30	2.34	BCH 1
139	1	10-May-05	313672.71	5994727.97	2.30	OWL1 1130
140	1	10-May-05	313669.06	5994726.14	2.24	OWL2 1130
141	1	10-May-05	313670.48	5994723.77	2.32	BCH 2
142	1	10-May-05	313676.80	5994713.98	2.51	BCH 2
143	1	10-May-05	313684.26	5994701.71	2.64	BCH 2
144	1	10-May-05	313695.01	5994683.42	2.85	BCH 2
145	1	10-May-05	313701.23	5994673.30	2.96	BCH 2
146	1	10-May-05	313706.67	5994664.25	2.99	BCH 2
147	1	10-May-05	313709.30	5994659.75	3.09	BCH 2
148	1	10-May-05	313712.99	5994653.52	3.36	BCH 2
149	1	10-May-05	313716.99	5994646.84	3.64	BCH 2
150	1	10-May-05	313720.80	5994640.34	3.89	BCH 2
151	1	10-May-05	313727.83	5994628.59	4.07	BCH 2
152	1	10-May-05	313733.92	5994619.35	4.15	BCH 2

153	1	10-May-05	313735.80	5994616.82	4.05	BCH 2
154	1	10-May-05	313738.93	5994610.19	4.11	BCH 2
155	1	10-May-05	313740.76	5994607.24	4.22	BCH 2
156	1	10-May-05	313747.14	5994596.83	4.50	BCH 2
157	1	10-May-05	313753.33	5994586.91	4.75	BCH 2
158	1	10-May-05	313758.57	5994578.01	4.88	BCH 2
159	1	10-May-05	313764.09	5994568.89	5.00	BCH 2
160	1	10-May-05	313767.57	5994562.95	5.11	BCH 2
161	1	10-May-05	313773.39	5994554.11	5.31	BCH 2
162	1	10-May-05	313776.73	5994548.55	5.40	BCH 2
163	1	10-May-05	313781.24	5994540.76	5.56	BCH 2
164	1	10-May-05	313784.79	5994535.20	5.73	BCH 2
165	1	10-May-05	313787.33	5994530.91	5.83	BCH 2
166	1	10-May-05	313789.43	5994527.41	5.94	BCH 2
167	1	10-May-05	313791.24	5994524.13	6.07	BCH 2
168	1	10-May-05	313792.66	5994521.82	6.19	BCH 2
169	1	10-May-05	313793.30	5994520.91	6.26	BCH 2
170	1	10-May-05	313794.13	5994519.53	6.37	BCH 2
171	1	10-May-05	313795.37	5994517.53	6.53	BCH 2
172	1	10-May-05	313796.01	5994516.55	6.61	BCH 2
173	1	10-May-05	313796.64	5994515.37	6.67	BCH 2
174	1	10-May-05	313797.10	5994514.55	6.68	BCH 2
175	1	10-May-05	313797.57	5994513.69	6.68	BCH 2
176	1	10-May-05	313797.85	5994513.19	6.73	DSM 2
177	1	10-May-05	313798.21	5994512.69	6.79	DSM 2
178	1	10-May-05	313798.50	5994512.30	6.84	DSM 2
179	1	10-May-05	313798.79	5994511.80	6.93	DSM 2
180	1	10-May-05	313798.99	5994511.51	6.95	DSM 2
181	1	10-May-05	313799.50	5994510.59	6.94	DSM 2
182	1	10-May-05	313799.58	5994510.38	7.05	DSM 2
183	1	10-May-05	313799.93	5994509.84	7.12	DSM 2
184	1	10-May-05	313800.01	5994509.76	7.20	DSM 2
185	1	10-May-05	313800.19	5994509.51	7.17	DSM 2
186	1	10-May-05	313800.32	5994509.34	7.15	DSM 2
187	1	10-May-05	313800.42	5994509.17	7.13	DSM 2
188	1	10-May-05	313800.58	5994508.94	7.13	DSM 2
189	1	10-May-05	313800.76	5994508.73	7.16	DSM 2
190	1	10-May-05	313800.81	5994508.65	7.13	DSM 2
191	1	10-May-05	313800.99	5994508.43	7.27	DSM 2
192	1	10-May-05	313801.05	5994508.40	7.28	DSM 2
193	1	10-May-05	313801.14	5994508.00	7.21	DSM 2
194	1	10-May-05	313801.38	5994507.65	7.20	DSM 2
195	1	10-May-05	313801.49	5994507.39	7.22	DSM 2
196	1	10-May-05	313801.71	5994507.09	7.23	DSM 2
197	1	10-May-05	313801.91	5994506.82	7.24	DSM 2
198	1	10-May-05	313802.10	5994506.52	7.29	DSM 2
199	1	10-May-05	313802.33	5994506.10	7.29	DSM 2
200	1	10-May-05	313802.61	5994505.55	7.22	DSM 2
201	1	10-May-05	313803.11	5994504.76	7.16	DSM 2
202	1	10-May-05	313803.39	5994504.35	7.23	DSM 2
203	1	10-May-05	313803.53	5994504.21	7.20	DSM 2

204	1	10-May-05	313803.88	5994503.59	7.46	DSM 2
205	1	10-May-05	313804.12	5994503.16	7.39	DSM 2
206	1	10-May-05	313804.23	5994502.98	7.46	DSM 2
207	1	10-May-05	313804.39	5994502.78	7.51	DSM 2
208	1	10-May-05	313804.48	5994502.57	7.50	DSM 2
209	1	10-May-05	313804.54	5994502.48	7.48	DSM 2
210	1	10-May-05	313804.74	5994502.17	8.20	FRDN 2
211	1	10-May-05	313804.91	5994502.01	8.29	FRDN 2
212	1	10-May-05	313805.19	5994501.58	8.40	FRDN 2
213	1	10-May-05	313805.84	5994500.46	8.57	FRDN 2
214	1	10-May-05	313805.97	5994500.01	8.64	FRDN 2
215	1	10-May-05	313806.34	5994499.34	8.78	FRDN 2
216	1	10-May-05	313806.86	5994498.69	8.88	FRDN 2
217	1	10-May-05	313807.27	5994498.20	8.98	FRDN 2
218	1	10-May-05	313807.53	5994497.68	9.09	FRDN 2
219	1	10-May-05	313807.76	5994497.19	9.17	FRDN 2
220	1	10-May-05	313808.14	5994496.67	9.36	FRDN 2
221	1	10-May-05	313808.47	5994496.10	9.54	FRDN 2
222	1	10-May-05	313808.67	5994495.90	9.62	FRDN 2
223	1	10-May-05	313808.80	5994495.57	9.69	FRDN 2
224	1	10-May-05	313808.95	5994495.37	9.69	FRDN 2
225	1	10-May-05	313809.05	5994495.19	9.65	FRDN 2
226	1	10-May-05	313809.23	5994494.81	9.72	FRDN 2
227	1	10-May-05	313809.35	5994494.59	9.73	FRDN 2
228	1	10-May-05	313809.49	5994494.35	9.77	FRDN 2
229	1	10-May-05	313809.56	5994494.12	9.76	FRDN 2
230	1	10-May-05	313809.69	5994493.83	9.69	FRDN 2
231	1	10-May-05	313809.85	5994493.66	9.69	FRDN 2
232	1	10-May-05	313809.95	5994493.57	9.72	FRDN 2
233	1	10-May-05	313810.02	5994493.43	9.79	FRDN 2
234	1	10-May-05	313810.12	5994493.35	9.80	FRDN 2
235	1	10-May-05	313810.21	5994493.21	9.79	FRDN 2
236	1	10-May-05	313810.51	5994492.81	9.73	FRDN 2
237	1	10-May-05	313810.65	5994492.45	9.71	FRDN 2
238	1	10-May-05	313810.88	5994492.16	9.62	FRDN 2
239	1	10-May-05	313811.12	5994491.65	9.50	FRDN 2
240	1	10-May-05	313811.31	5994491.35	9.34	FRDN 2
241	1	10-May-05	313811.49	5994491.03	9.27	FRDN 2
242	1	10-May-05	313811.68	5994490.55	9.17	FRDN 2
243	1	10-May-05	313811.83	5994490.27	9.07	FRDN 2
244	1	10-May-05	313812.02	5994489.75	8.80	FRDN 2
245	1	10-May-05	313812.14	5994489.60	8.80	FRDN 2
246	1	10-May-05	313812.20	5994489.43	8.77	FRDN 2
247	1	10-May-05	313812.31	5994489.29	8.75	FRDN 2
248	1	10-May-05	313812.44	5994488.95	8.74	FRDN 2
249	1	10-May-05	313812.69	5994488.66	8.74	FRDN 2
250	1	10-May-05	313812.79	5994488.49	8.74	FRDN 2
251	1	10-May-05	313813.01	5994488.28	8.80	FRDN 2
252	1	10-May-05	313813.35	5994487.75	8.96	FRDN 2
253	1	10-May-05	313813.65	5994487.51	8.96	FRDN 2
254	1	10-May-05	313813.78	5994487.15	9.03	FRDN 2

255	1	10-May-05	313813.94	5994486.92	9.13	FRDN 2
256	1	10-May-05	313814.18	5994486.49	9.29	FRDN 2
257	1	10-May-05	313814.55	5994485.81	9.23	FRDN 2
258	1	10-May-05	313814.87	5994485.33	9.24	FRDN 2
259	1	10-May-05	313815.22	5994484.66	9.24	FRDN 2
260	1	10-May-05	313815.57	5994484.18	9.23	FRDN 2
261	1	10-May-05	313815.72	5994483.95	9.21	FRDN 2
262	1	10-May-05	313815.87	5994483.74	9.15	FRDN 2
263	1	10-May-05	313816.00	5994483.40	9.06	FRDN 2
264	1	10-May-05	313816.20	5994483.06	9.01	FRDN 2
265	1	10-May-05	313816.40	5994482.74	8.91	FRDN 2
266	1	10-May-05	313816.56	5994482.42	8.86	FRDN 2
267	1	10-May-05	313816.73	5994482.23	8.85	FRDN 2
268	1	10-May-05	313816.94	5994481.88	8.94	FRDN 2
269	1	10-May-05	313817.35	5994481.09	8.92	FRDN 2
270	1	10-May-05	313817.48	5994480.80	8.95	BKDN 2
271	1	10-May-05	313817.62	5994480.44	9.05	BKDN 2
272	1	10-May-05	313818.09	5994479.62	9.17	BKDN 2
273	1	10-May-05	313818.65	5994478.55	9.16	BKDN 2
274	1	10-May-05	313819.10	5994477.82	9.28	BKDN 2
275	1	10-May-05	313819.43	5994477.17	9.29	BKDN 2
276	1	10-May-05	313819.79	5994476.56	9.19	BKDN 2
277	1	10-May-05	313820.21	5994475.88	9.10	BKDN 2
278	1	10-May-05	313820.49	5994475.28	9.00	BKDN 2
279	1	10-May-05	313820.78	5994474.73	8.94	BKDN 2
280	1	10-May-05	313820.93	5994474.51	9.00	BKDN 2
281	1	10-May-05	313821.05	5994474.19	9.07	BKDN 2
282	1	10-May-05	313821.43	5994473.64	9.08	BKDN 2
283	1	10-May-05	313821.87	5994472.93	9.01	BKDN 2
284	1	10-May-05	313822.40	5994472.46	8.89	BKDN 2
285	1	10-May-05	313822.61	5994472.16	8.85	BKDN 2
286	1	10-May-05	313822.84	5994471.84	8.84	TRLN 2
287	1	10-May-05	313819.24	5994468.63	8.71	TRLN 3
288	1	10-May-05	313818.63	5994469.38	8.79	BKDN 3
289	1	10-May-05	313818.20	5994470.02	8.81	BKDN 3
290	1	10-May-05	313817.84	5994470.56	8.81	BKDN 3
291	1	10-May-05	313817.37	5994471.21	8.93	BKDN 3
292	1	10-May-05	313817.01	5994471.73	9.06	BKDN 3
293	1	10-May-05	313816.63	5994472.54	9.25	BKDN 3
294	1	10-May-05	313816.23	5994473.45	9.39	BKDN 3
295	1	10-May-05	313815.59	5994474.52	9.46	BKDN 3
296	1	10-May-05	313815.33	5994474.89	9.38	BKDN 3
297	1	10-May-05	313814.71	5994475.87	9.29	BKDN 3
298	1	10-May-05	313814.42	5994476.28	9.34	BKDN 3
299	1	10-May-05	313814.33	5994476.41	9.33	BKDN 3
300	1	10-May-05	313814.05	5994476.77	9.22	BKDN 3
301	1	10-May-05	313813.65	5994477.31	9.10	BKDN 3
302	1	10-May-05	313812.75	5994478.94	9.04	BKDN 3
303	1	10-May-05	313812.20	5994479.89	9.08	BKDN 3
304	1	10-May-05	313811.66	5994480.61	9.28	BKDN 3
305	1	10-May-05	313811.41	5994481.03	9.44	BKDN 3

306	1	10-May-05	313811.17	5994481.42	9.50	BKDN 3
307	1	10-May-05	313810.97	5994481.71	9.47	BKDN 3
308	1	10-May-05	313810.51	5994482.52	9.18	BKDN 3
309	1	10-May-05	313810.28	5994482.94	9.17	BKDN 3
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311	1	10-May-05	313809.60	5994483.99	8.91	BKDN 3
312	1	10-May-05	313809.35	5994484.48	8.94	BKDN 3
313	1	10-May-05	313809.12	5994484.78	8.90	BKDN 3
314	1	10-May-05	313808.91	5994485.14	8.86	BKDN 3
315	1	10-May-05	313808.82	5994485.27	8.79	BKDN 3
316	1	10-May-05	313808.65	5994485.42	8.70	BKDN 3
317	1	10-May-05	313808.56	5994485.69	8.68	BKDN 3
318	1	10-May-05	313808.44	5994485.86	8.71	BKDN 3
319	1	10-May-05	313808.34	5994486.04	8.73	BKDN 3
320	1	10-May-05	313808.06	5994486.56	8.85	BKDN 3
321	1	10-May-05	313807.79	5994487.02	9.06	BKDN 3
322	1	10-May-05	313807.43	5994487.50	9.13	BKDN 3
323	1	10-May-05	313807.17	5994487.86	9.26	BKDN 3
324	1	10-May-05	313806.86	5994488.18	9.33	BKDN 3
325	1	10-May-05	313806.57	5994488.57	9.35	BKDN 3
326	1	10-May-05	313806.26	5994489.10	9.40	BKDN 3
327	1	10-May-05	313805.98	5994489.67	9.37	BKDN 3
328	1	10-May-05	313805.76	5994490.07	9.36	BKDN 3
329	1	10-May-05	313805.66	5994490.26	9.36	BKDN 3
330	1	10-May-05	313805.51	5994490.44	9.38	BKDN 3
331	1	10-May-05	313805.44	5994490.78	9.42	BKDN 3
332	1	10-May-05	313805.33	5994491.04	9.45	BKDN 3
333	1	10-May-05	313805.13	5994491.51	9.67	BKDN 3
334	1	10-May-05	313804.87	5994491.82	9.80	BKDN 3
335	1	10-May-05	313804.62	5994492.06	9.82	BKDN 3
336	1	10-May-05	313804.10	5994493.04	9.84	BKDN 3
337	1	10-May-05	313803.93	5994493.29	9.83	BKDN 3
338	1	10-May-05	313803.67	5994493.78	9.67	BKDN 3
339	1	10-May-05	313803.36	5994494.14	9.59	BKDN 3
340	1	10-May-05	313802.99	5994494.66	9.47	BKDN 3
341	1	10-May-05	313802.72	5994495.14	9.29	BKDN 3
342	1	10-May-05	313802.72	5994495.13	9.29	FRDN 3
343	1	10-May-05	313802.35	5994495.91	8.99	FRDN 3
344	1	10-May-05	313802.11	5994496.41	8.80	FRDN 3
345	1	10-May-05	313801.90	5994496.85	8.71	FRDN 3
346	1	10-May-05	313801.71	5994497.20	8.65	FRDN 3
347	1	10-May-05	313801.53	5994497.55	8.60	FRDN 3
348	1	10-May-05	313801.20	5994498.00	8.49	FRDN 3
349	1	10-May-05	313801.03	5994498.65	8.02	FRDN 3
350	1	10-May-05	313800.88	5994498.98	7.90	FRDN 3
351	1	10-May-05	313800.66	5994499.20	7.80	FRDN 3
352	1	10-May-05	313800.53	5994499.39	7.66	FRDN 3
353	1	10-May-05	313800.30	5994499.88	7.54	FRDN 3
354	1	10-May-05	313800.10	5994500.13	7.33	FRDN 3
355	1	10-May-05	313799.94	5994500.27	7.33	DSM 3
356	1	10-May-05	313799.96	5994500.28	7.33	DSM 3

357	1	10-May-05	313799.82	5994500.65	7.21	DSM 3
358	1	10-May-05	313799.57	5994500.96	7.16	DSM 3
359	1	10-May-05	313799.31	5994501.27	7.15	DSM 3
360	1	10-May-05	313799.03	5994501.63	7.19	DSM 3
361	1	10-May-05	313798.52	5994502.61	7.26	DSM 3
362	1	10-May-05	313798.11	5994503.16	7.25	DSM 3
363	1	10-May-05	313797.82	5994503.59	7.20	DSM 3
364	1	10-May-05	313797.47	5994504.20	7.13	DSM 3
365	1	10-May-05	313797.01	5994504.83	7.07	DSM 3
366	1	10-May-05	313796.77	5994505.39	7.06	DSM 3
367	1	10-May-05	313796.57	5994505.85	7.09	DSM 3
368	1	10-May-05	313796.08	5994507.07	6.97	DSM 3
369	1	10-May-05	313795.30	5994507.81	6.90	DSM 3
370	1	10-May-05	313794.91	5994508.37	6.83	DSM 3
371	1	10-May-05	313794.53	5994508.92	6.78	DSM 3
372	1	10-May-05	313794.07	5994509.54	6.73	DSM 3
373	1	10-May-05	313793.65	5994510.34	6.72	BCH 3
374	1	10-May-05	313792.67	5994511.81	6.70	BCH 3
375	1	10-May-05	313792.11	5994512.75	6.68	BCH 3
376	1	10-May-05	313791.61	5994513.48	6.65	BCH 3
377	1	10-May-05	313791.00	5994514.61	6.57	BCH 3
378	1	10-May-05	313790.16	5994516.19	6.42	BCH 3
379	1	10-May-05	313789.22	5994517.79	6.28	BCH 3
380	1	10-May-05	313788.69	5994518.72	6.22	BCH 3
381	1	10-May-05	313787.65	5994520.22	6.12	BCH 3
382	1	10-May-05	313786.03	5994522.73	6.00	BCH 3
383	1	10-May-05	313781.97	5994529.39	5.78	BCH 3
384	1	10-May-05	313778.79	5994535.12	5.63	BCH 3
385	1	10-May-05	313776.05	5994539.76	5.51	BCH 3
386	1	10-May-05	313771.75	5994546.78	5.37	BCH 3
387	1	10-May-05	313763.47	5994560.41	5.12	BCH 3
388	1	10-May-05	313756.28	5994572.90	4.92	BCH 3
389	1	10-May-05	313746.72	5994588.85	4.65	BCH 3
390	1	10-May-05	313738.00	5994603.45	4.30	BCH 3
391	1	10-May-05	313733.62	5994610.80	4.08	BCH 3
392	1	10-May-05	313729.00	5994618.88	4.12	BCH 3
393	1	10-May-05	313723.02	5994628.94	3.98	BCH 3
394	1	10-May-05	313664.69	5994723.04	2.27	OWL3 1130
1	2	**22-Feb-04**	**318198.34**	**5995743.68**	**9.46**	**Top Rebar BM**
2	2	**22-Feb-04**	**318198.33**	**5995743.68**	**9.30**	**Btm Rebar BM**
3	2	22-Feb-04	318197.66	5995745.06	9.40	BKDUNE2
4	2	22-Feb-04	318196.86	5995746.81	9.58	BKDUNE2
5	2	22-Feb-04	318195.89	5995748.70	9.76	BKDUNE2
6	2	22-Feb-04	318194.96	5995750.25	9.65	BKDUNE2
7	2	22-Feb-04	318194.41	5995751.62	9.31	BKDUNE2
8	2	22-Feb-04	318193.84	5995753.30	9.11	BKDUNE2
9	2	22-Feb-04	318193.23	5995754.71	8.87	BKDUNE2
10	2	22-Feb-04	318192.25	5995756.34	8.92	FRDUNE2
11	2	22-Feb-04	318191.07	5995758.33	9.30	FRDUNE2
12	2	22-Feb-04	318190.62	5995759.39	9.74	FRDUNE2
13	2	22-Feb-04	318189.95	5995760.81	10.35	FRDUNE2

14	2	22-Feb-04	318189.50	5995761.71	10.69	FRDUNE2
15	2	22-Feb-04	318188.88	5995762.87	10.65	FRDUNE2
16	2	22-Feb-04	318188.36	5995763.79	10.69	FRDUNE2
17	2	22-Feb-04	318187.96	5995764.57	10.41	FRDUNE2
18	2	22-Feb-04	318187.41	5995765.48	10.37	FRDUNE2
19	2	22-Feb-04	318186.82	5995766.57	10.11	FRDUNE2
20	2	22-Feb-04	318186.23	5995767.69	9.95	FRDUNE2
21	2	22-Feb-04	318185.74	5995768.65	9.74	FRDUNE2
22	2	22-Feb-04	318185.21	5995769.52	9.28	FRDUNE2
23	2	22-Feb-04	318184.58	5995770.65	8.73	FRDUNE2
24	2	22-Feb-04	318184.13	5995771.29	8.29	FRDUNE2
25	2	22-Feb-04	318183.86	5995771.83	7.90	FRDUNE2
26	2	22-Feb-04	318183.55	5995772.41	7.57	SCRP EDG2
27	2	22-Feb-04	318183.52	5995772.43	7.03	SCRP BS2
28	2	22-Feb-04	318183.03	5995773.20	6.99	BEACH2
29	2	22-Feb-04	318181.99	5995774.82	6.84	BEACH2
30	2	22-Feb-04	318181.27	5995776.03	6.73	BEACH2
31	2	22-Feb-04	318180.88	5995776.90	6.66	BEACH2
32	2	22-Feb-04	318180.33	5995777.65	6.71	BEACH2
33	2	22-Feb-04	318179.90	5995778.49	6.63	BEACH2
34	2	22-Feb-04	318179.50	5995779.34	6.60	DRFTWD LN2
35	2	22-Feb-04	318178.78	5995780.60	6.49	BEACH2
36	2	22-Feb-04	318178.27	5995781.53	6.43	BEACH2
37	2	22-Feb-04	318177.15	5995783.51	6.51	BEACH2
38	2	22-Feb-04	318176.09	5995785.14	6.38	BEACH2
39	2	22-Feb-04	318174.42	5995787.92	6.21	BEACH2
40	2	22-Feb-04	318172.52	5995791.22	6.04	BEACH2
41	2	22-Feb-04	318170.76	5995794.40	5.90	BEACH2
42	2	22-Feb-04	318168.34	5995798.39	5.73	BEACH2
43	2	22-Feb-04	318165.99	5995802.52	5.62	BEACH2
44	2	22-Feb-04	318163.31	5995807.31	5.46	BEACH2
45	2	22-Feb-04	318159.60	5995813.87	5.29	BEACH2
46	2	22-Feb-04	318155.53	5995821.53	5.11	BEACH2
47	2	22-Feb-04	318152.06	5995828.12	4.99	BEACH2
48	2	22-Feb-04	318144.89	5995841.94	4.70	BEACH2
49	2	22-Feb-04	318141.85	5995847.91	4.63	BEACH
50	2	22-Feb-04	318142.30	5995854.75	4.64	BEACH
51	2	22-Feb-04	318148.72	5995838.81	4.96	BEACH
52	2	22-Feb-04	318160.01	5995828.65	5.08	BEACH1
53	2	22-Feb-04	318163.49	5995822.20	5.21	BEACH1
54	2	22-Feb-04	318164.87	5995811.91	5.51	BEACH1
55	2	22-Feb-04	318172.48	5995804.99	5.65	BEACH1
56	2	22-Feb-04	318174.71	5995800.85	5.76	BEACH1
57	2	22-Feb-04	318176.66	5995796.23	5.93	BEACH1
58	2	22-Feb-04	318179.44	5995792.20	6.10	BEACH1
59	2	22-Feb-04	318181.52	5995789.15	6.23	BEACH1
60	2	22-Feb-04	318182.83	5995786.59	6.38	BEACH1
61	2	22-Feb-04	318184.29	5995784.53	6.48	BEACH1
62	2	22-Feb-04	318185.12	5995783.10	6.57	BEACH1
63	2	22-Feb-04	318185.78	5995782.09	6.72	BEACH1
64	2	22-Feb-04	318186.35	5995781.42	6.67	BEACH1

65	2	22-Feb-04	318186.61	5995780.58	6.71	DFTWD LN1
66	2	22-Feb-04	318187.02	5995779.90	6.74	BEACH1
67	2	22-Feb-04	318187.43	5995779.23	6.77	BEACH1
68	2	22-Feb-04	318187.57	5995778.39	6.84	BEACH1
69	2	22-Feb-04	318188.04	5995777.76	6.91	BEACH1
70	2	22-Feb-04	318188.27	5995777.27	6.90	BEACH1
71	2	22-Feb-04	318188.42	5995776.67	6.93	BEACH1
72	2	22-Feb-04	318189.54	5995777.46	6.93	BEACH1
73	2	22-Feb-04	318187.97	5995777.69	6.95	BEACH1
74	2	22-Feb-04	318188.20	5995777.32	6.97	BEACH1
75	2	22-Feb-04	318188.39	5995776.88	6.97	BEACH1
76	2	22-Feb-04	318188.48	5995776.35	6.96	BEACH1
77	2	22-Feb-04	318188.68	5995775.71	6.92	BEACH1
78	2	22-Feb-04	318189.03	5995775.04	6.95	BEACH1
79	2	22-Feb-04	318189.26	5995774.25	6.91	BEACH1
80	2	22-Feb-04	318189.99	5995774.18	6.94	BEACH1
81	2	22-Feb-04	318189.47	5995773.74	6.99	BEACH1
82	2	22-Feb-04	318190.35	5995773.00	7.16	SCRP1
83	2	22-Feb-04	318190.55	5995772.67	7.34	SCRP1
84	2	22-Feb-04	318190.63	5995772.18	8.50	SCRP EDG1
85	2	22-Feb-04	318191.04	5995771.47	8.87	FRDN1
86	2	22-Feb-04	318191.31	5995770.57	9.44	FRDN1
87	2	22-Feb-04	318191.81	5995769.61	9.66	FRDN1
88	2	22-Feb-04	318192.27	5995768.41	10.00	FRDN1
89	2	22-Feb-04	318192.98	5995767.10	10.38	FRDN1
90	2	22-Feb-04	318193.58	5995765.89	10.71	FRDN1
91	2	22-Feb-04	318194.26	5995764.48	10.88	FRDN1
92	2	22-Feb-04	318195.05	5995763.33	10.83	FRDN1
93	2	22-Feb-04	318195.79	5995762.52	10.70	FRDN1
94	2	22-Feb-04	318196.20	5995761.99	10.34	FRDN1
95	2	22-Feb-04	318196.51	5995761.48	10.11	FRDN1
96	2	22-Feb-04	318196.76	5995760.80	10.00	BKDN1
97	2	22-Feb-04	318196.96	5995759.68	9.92	BKDN1
98	2	22-Feb-04	318197.52	5995757.98	9.80	BKDN1
99	2	22-Feb-04	318198.53	5995756.28	9.54	BKDN1
100	2	22-Feb-04	318199.40	5995754.72	9.30	BKDN1
101	2	22-Feb-04	318200.10	5995752.73	9.24	BKDN1
102	2	22-Feb-04	318201.30	5995750.72	9.43	BKDN1
103	2	22-Feb-04	318202.21	5995749.11	9.54	BKDN1
104	2	22-Feb-04	318202.82	5995747.29	9.71	BKDN1
105	2	22-Feb-04	318203.63	5995745.22	9.61	BKDN1
1	2	**26-May-04**	**318198.34**	**5995743.68**	**9.46**	**Top Rebar BM**
2	2	**26-May-04**	**318198.33**	**5995743.70**	**9.31**	**BTM Rebar BM**
3	2	26-May-04	318204.02	5995746.93	9.39	BKDN 1
4	2	26-May-04	318203.62	5995747.82	9.49	BKDN 1
5	2	26-May-04	318203.35	5995748.66	9.50	BKDN 1
6	2	26-May-04	318203.07	5995749.63	9.47	BKDN 1
7	2	26-May-04	318202.76	5995750.49	9.35	BKDN 1
8	2	26-May-04	318202.21	5995751.30	9.28	BKDN 1
9	2	26-May-04	318201.64	5995752.22	9.21	BKDN 1
10	2	26-May-04	318201.21	5995753.08	9.08	BKDN 1

11	2	26-May-04	318200.61	5995754.16	8.96	BKDN 1
12	2	26-May-04	318200.38	5995754.68	9.04	BKDN 1
13	2	26-May-04	318199.88	5995755.41	9.16	BKDN 1
14	2	26-May-04	318199.60	5995755.99	9.10	BKDN 1
15	2	26-May-04	318199.37	5995756.41	9.10	BKDN 1
16	2	26-May-04	318199.07	5995756.93	9.28	BKDN 1
17	2	26-May-04	318198.09	5995757.22	9.40	BKDN 1
18	2	26-May-04	318197.74	5995757.80	9.43	BKDN 1
19	2	26-May-04	318197.36	5995758.24	9.42	BKDN 1
20	2	26-May-04	318196.98	5995758.80	9.47	BKDN 1
21	2	26-May-04	318196.62	5995759.49	9.47	BKDN 1
22	2	26-May-04	318196.15	5995760.19	9.57	BKDN 1
23	2	26-May-04	318195.76	5995760.82	9.70	BKDN 1
24	2	26-May-04	318195.23	5995761.98	9.80	BKDN 1
25	2	26-May-04	318194.92	5995762.57	9.90	FRDN 1
26	2	26-May-04	318194.80	5995763.12	9.93	FRDN 1
27	2	26-May-04	318194.62	5995763.37	10.15	FRDN 1
28	2	26-May-04	318194.38	5995763.98	10.34	FRDN 1
29	2	26-May-04	318194.08	5995764.66	10.59	FRDN 1
30	2	26-May-04	318193.69	5995765.39	10.61	FRDN 1
31	2	26-May-04	318193.28	5995766.13	10.64	FRDNCRST 1
32	2	26-May-04	318192.82	5995766.93	10.45	FRDN 1
33	2	26-May-04	318192.53	5995767.46	10.30	FRDN 1
34	2	26-May-04	318192.15	5995768.07	10.19	FRDN 1
35	2	26-May-04	318191.52	5995769.02	9.95	FRDN 1
36	2	26-May-04	318191.40	5995769.22	9.84	FRDN 1
37	2	26-May-04	318190.92	5995770.15	9.63	FRDN 1
38	2	26-May-04	318190.70	5995770.67	9.54	FRDN 1
39	2	26-May-04	318190.38	5995771.38	9.51	FRDN 1
40	2	26-May-04	318190.16	5995771.82	9.29	FRDN 1
41	2	26-May-04	318189.79	5995772.38	8.98	FRDN 1
42	2	26-May-04	318189.47	5995773.12	8.61	FRDN 1
43	2	26-May-04	318189.08	5995773.77	8.17	SCRPEDG 1
44	2	26-May-04	318188.61	5995773.90	7.79	SCRP 1
45	2	26-May-04	318188.97	5995774.04	7.72	SCRP 1
46	2	26-May-04	318188.98	5995774.14	7.24	RMP 1
47	2	26-May-04	318188.81	5995774.43	6.95	BTMRMP 1
48	2	26-May-04	318188.37	5995775.33	6.76	DFTWD 1
49	2	26-May-04	318188.08	5995775.90	6.66	DFTWD 1
50	2	26-May-04	318187.63	5995776.51	6.76	DFTWD 1
51	2	26-May-04	318187.18	5995777.06	6.80	DFTWD 1
52	2	26-May-04	318186.90	5995777.68	6.90	DFTWD 1
53	2	26-May-04	318186.78	5995778.04	7.04	DFTWD 1
54	2	26-May-04	318186.67	5995778.37	7.14	DFTWD 1
55	2	26-May-04	318186.22	5995779.12	7.05	DFTWD 1
56	2	26-May-04	318185.71	5995780.03	6.90	DFTWD 1
57	2	26-May-04	318185.35	5995780.80	6.78	DFTWD 1
58	2	26-May-04	318184.87	5995781.89	6.66	DFTWD 1
59	2	26-May-04	318184.11	5995783.37	6.48	DFTWD 1
60	2	26-May-04	318183.54	5995784.61	6.43	DFTWD 1
61	2	26-May-04	318182.93	5995785.53	6.22	DFTWD 1

62	2	26-May-04	318182.33	5995786.41	6.15	DFTWD 1
63	2	26-May-04	318181.92	5995787.38	6.28	DFTWD 1
64	2	26-May-04	318181.72	5995787.71	6.22	DFTWD 1
65	2	26-May-04	318181.30	5995788.51	6.15	DFTWD 1
66	2	26-May-04	318180.48	5995789.86	6.04	DFTWD 1
67	2	26-May-04	318179.75	5995791.13	5.99	DFTWD 1
68	2	26-May-04	318179.22	5995792.08	5.98	DFTWD 1
69	2	26-May-04	318178.39	5995793.36	5.93	DFTWD 1
70	2	26-May-04	318177.78	5995794.28	5.88	SAND 1
71	2	26-May-04	318177.22	5995795.01	5.87	SAND 1
72	2	26-May-04	318176.98	5995795.51	5.84	SAND 1
73	2	26-May-04	318176.58	5995796.22	5.80	SAND 1
74	2	26-May-04	318176.55	5995796.48	5.79	SAND 1
75	2	26-May-04	318176.31	5995797.07	5.78	SAND 1
76	2	26-May-04	318175.99	5995797.49	5.75	SAND 1
77	2	26-May-04	318175.81	5995797.81	5.73	SAND 1
78	2	26-May-04	318175.57	5995798.21	5.69	SAND 1
79	2	26-May-04	318175.31	5995798.64	5.67	SAND 1
80	2	26-May-04	318175.01	5995799.16	5.63	SAND 1
81	2	26-May-04	318174.78	5995799.59	5.65	SAND 1
82	2	26-May-04	318174.77	5995799.59	5.62	SAND 1
83	2	26-May-04	318174.32	5995800.31	5.61	SAND 1
84	2	26-May-04	318173.82	5995801.12	5.56	SAND 1
85	2	26-May-04	318173.51	5995801.85	5.55	SAND 1
86	2	26-May-04	318173.15	5995802.57	5.53	SAND 1
87	2	26-May-04	318172.82	5995803.40	5.48	SAND 1
88	2	26-May-04	318172.53	5995803.96	5.48	SAND 1
89	2	26-May-04	318172.23	5995804.54	5.44	SAND 1
90	2	26-May-04	318171.99	5995805.09	5.43	SAND 1
91	2	26-May-04	318171.65	5995805.59	5.41	SAND 1
92	2	26-May-04	318171.34	5995806.13	5.39	SAND 1
93	2	26-May-04	318171.05	5995806.66	5.34	SAND 1
94	2	26-May-04	318170.74	5995807.23	5.32	SAND 1
95	2	26-May-04	318170.47	5995807.72	5.30	SAND 1
96	2	26-May-04	318170.10	5995808.39	5.30	SAND 1
97	2	26-May-04	318169.73	5995809.03	5.27	SAND 1
98	2	26-May-04	318169.38	5995809.53	5.27	SAND 1
99	2	26-May-04	318169.07	5995809.99	5.26	SAND 1
100	2	26-May-04	318168.79	5995810.41	5.23	SAND 1
101	2	26-May-04	318168.54	5995811.00	5.21	SAND 1
102	2	26-May-04	318168.18	5995811.47	5.20	SAND 1
103	2	26-May-04	318167.83	5995812.21	5.15	SAND 1
104	2	26-May-04	318167.45	5995812.86	5.13	SAND 1
105	2	26-May-04	318166.96	5995813.87	5.12	SAND 1
106	2	26-May-04	318166.41	5995815.03	5.10	SAND 1
107	2	26-May-04	318165.67	5995815.92	5.04	SAND 1
108	2	26-May-04	318165.02	5995816.93	5.05	SAND 1
109	2	26-May-04	318164.25	5995818.17	4.98	SAND 1
110	2	26-May-04	318163.59	5995819.26	4.94	SAND 1
111	2	26-May-04	318163.11	5995820.68	4.93	SAND 1
112	2	26-May-04	318162.40	5995822.12	4.86	SAND 1

113	2	26-May-04	318161.59	5995823.50	4.82	SAND 1
114	2	26-May-04	318160.48	5995825.38	4.78	SAND 1
115	2	26-May-04	318159.43	5995827.40	4.74	SAND 1
116	2	26-May-04	318158.59	5995828.85	4.71	SAND 1
117	2	26-May-04	318157.63	5995830.43	4.67	SAND 1
118	2	26-May-04	318156.58	5995832.18	4.65	SAND 1
119	2	26-May-04	318155.35	5995834.24	4.60	SAND 1
120	2	26-May-04	318154.40	5995836.03	4.57	SAND 1
121	2	26-May-04	318151.99	5995839.95	4.53	SAND 1
122	2	26-May-04	318150.39	5995842.80	4.46	SAND 1
123	2	26-May-04	318148.95	5995845.46	4.43	SAND 1
124	2	26-May-04	318147.13	5995848.87	4.38	SAND 1
125	2	26-May-04	318145.11	5995852.55	4.29	SAND 1
126	2	26-May-04	318143.49	5995855.37	4.25	SAND 1
127	2	26-May-04	318141.89	5995858.38	4.22	SAND 1
128	2	26-May-04	318140.28	5995861.22	4.22	SAND 1
129	2	26-May-04	318138.75	5995863.94	4.16	SAND 1
130	2	26-May-04	318137.29	5995866.66	4.13	SAND 1
131	2	26-May-04	318135.05	5995870.71	4.08	SAND 1
132	2	26-May-04	318133.14	5995874.54	4.03	SAND 1
133	2	26-May-04	318129.70	5995877.89	3.98	SAND 1
134	2	26-May-04	318127.92	5995880.96	3.93	SAND 1
135	2	26-May-04	318126.26	5995884.25	3.91	SAND 1
136	2	26-May-04	318124.66	5995887.09	3.82	SAND 1
137	2	26-May-04	318122.98	5995890.30	3.78	SAND 1
138	2	26-May-04	318121.52	5995893.35	3.73	SAND 1
139	2	26-May-04	318119.80	5995896.69	3.69	SAND 1
140	2	26-May-04	318117.76	5995900.41	3.66	SAND 1
141	2	26-May-04	318114.32	5995906.50	3.54	SAND 1
142	2	26-May-04	318110.00	5995913.90	3.49	SAND 1
143	2	26-May-04	318107.32	5995919.80	3.40	SAND 1
144	2	26-May-04	318104.44	5995925.92	3.33	SAND 1
145	2	26-May-04	318100.91	5995932.01	3.23	SAND 1
146	2	26-May-04	318096.96	5995937.98	3.13	SAND 1
147	2	26-May-04	318093.04	5995944.04	3.05	SAND 1
148	2	26-May-04	318089.86	5995949.33	2.96	SAND 1
149	2	26-May-04	318087.36	5995953.80	2.90	SAND 1
150	2	26-May-04	318084.46	5995958.79	2.84	SAND 1
151	2	26-May-04	318082.09	5995957.05	2.82	SAND 2
152	2	26-May-04	318083.77	5995953.58	2.89	SAND 2
153	2	26-May-04	318085.89	5995949.84	2.96	SAND 2
154	2	26-May-04	318088.15	5995945.65	2.99	SAND 2
155	2	26-May-04	318090.24	5995941.60	3.07	SAND 2
156	2	26-May-04	318092.17	5995937.82	3.11	SAND 2
157	2	26-May-04	318094.02	5995934.14	3.16	SAND 2
158	2	26-May-04	318095.98	5995930.55	3.22	SAND 2
159	2	26-May-04	318098.06	5995926.75	3.25	SAND 2
160	2	26-May-04	318100.00	5995923.43	3.31	SAND 2
161	2	26-May-04	318102.23	5995919.33	3.36	SAND 2
162	2	26-May-04	318104.28	5995915.37	3.41	SAND 2
163	2	26-May-04	318106.12	5995911.58	3.45	SAND 2

164	2	26-May-04	318108.04	5995907.79	3.53	SAND 2
165	2	26-May-04	318110.02	5995903.89	3.57	SAND 2
166	2	26-May-04	318112.06	5995899.75	3.61	SAND 2
167	2	26-May-04	318114.09	5995895.38	3.68	SAND 2
168	2	26-May-04	318116.17	5995891.06	3.75	SAND 2
169	2	26-May-04	318120.80	5995888.02	3.78	SAND 2
170	2	26-May-04	318121.93	5995885.60	3.83	SAND 2
171	2	26-May-04	318123.35	5995882.79	3.88	SAND 2
172	2	26-May-04	318124.84	5995879.91	3.91	SAND 2
173	2	26-May-04	318126.23	5995877.27	3.95	SAND 2
174	2	26-May-04	318127.30	5995874.67	3.98	SAND 2
175	2	26-May-04	318128.70	5995872.15	4.02	SAND 2
176	2	26-May-04	318129.84	5995869.42	4.08	SAND 2
177	2	26-May-04	318131.31	5995866.73	4.09	SAND 2
178	2	26-May-04	318132.78	5995864.07	4.13	SAND 2
179	2	26-May-04	318134.20	5995861.22	4.17	SAND 2
180	2	26-May-04	318135.68	5995858.46	4.19	SAND 2
181	2	26-May-04	318137.00	5995855.94	4.22	SAND 2
182	2	26-May-04	318138.33	5995853.47	4.25	SAND 2
183	2	26-May-04	318139.22	5995851.97	4.27	SAND 2
184	2	26-May-04	318139.95	5995850.58	4.29	SAND 2
185	2	26-May-04	318140.67	5995849.27	4.32	SAND 2
186	2	26-May-04	318141.28	5995848.05	4.33	SAND 2
187	2	26-May-04	318141.97	5995846.81	4.35	SAND 2
188	2	26-May-04	318142.63	5995845.62	4.37	SAND 2
189	2	26-May-04	318143.24	5995844.48	4.39	SAND 2
190	2	26-May-04	318143.86	5995843.39	4.43	SAND 2
191	2	26-May-04	318144.26	5995842.43	4.43	SAND 2
192	2	26-May-04	318144.72	5995841.61	4.45	SAND 2
193	2	26-May-04	318145.04	5995840.81	4.46	SAND 2
194	2	26-May-04	318145.42	5995840.08	4.48	SAND 2
195	2	26-May-04	318145.99	5995839.33	4.48	SAND 2
196	2	26-May-04	318146.48	5995838.67	4.50	SAND 2
197	2	26-May-04	318146.85	5995837.94	4.51	SAND 2
198	2	26-May-04	318147.21	5995837.18	4.53	SAND 2
199	2	26-May-04	318147.71	5995836.45	4.54	SAND 2
200	2	26-May-04	318148.26	5995835.61	4.54	SAND 2
201	2	26-May-04	318148.73	5995834.88	4.55	SAND 2
202	2	26-May-04	318149.15	5995833.99	4.57	SAND 2
203	2	26-May-04	318149.57	5995833.02	4.56	SAND 2
204	2	26-May-04	318150.05	5995832.23	4.60	SAND 2
205	2	26-May-04	318150.54	5995831.49	4.59	SAND 2
206	2	26-May-04	318150.84	5995830.85	4.61	SAND 2
207	2	26-May-04	318151.37	5995830.00	4.63	SAND 2
208	2	26-May-04	318151.94	5995829.32	4.64	SAND 2
209	2	26-May-04	318152.42	5995828.64	4.67	SAND 2
210	2	26-May-04	318152.89	5995827.85	4.68	SAND 2
211	2	26-May-04	318153.47	5995826.92	4.71	SAND 2
212	2	26-May-04	318154.06	5995826.09	4.72	SAND 2
213	2	26-May-04	318154.66	5995825.19	4.73	SAND 2
214	2	26-May-04	318155.03	5995824.58	4.74	SAND 2

215	2	26-May-04	318155.47	5995823.96	4.74	SAND 2
216	2	26-May-04	318155.81	5995823.42	4.76	SAND 2
217	2	26-May-04	318156.21	5995822.67	4.79	SAND 2
218	2	26-May-04	318157.29	5995820.79	4.84	SAND 2
219	2	26-May-04	318157.69	5995819.82	4.86	SAND 2
220	2	26-May-04	318158.03	5995818.98	4.90	SAND 2
221	2	26-May-04	318158.38	5995818.23	4.93	SAND 2
222	2	26-May-04	318158.77	5995817.37	4.94	SAND 2
223	2	26-May-04	318158.98	5995816.74	4.98	SAND 2
224	2	26-May-04	318159.54	5995816.00	5.00	SAND 2
225	2	26-May-04	318160.19	5995815.03	5.02	SAND 2
226	2	26-May-04	318160.47	5995814.52	5.03	SAND 2
227	2	26-May-04	318160.80	5995813.77	5.04	SAND 2
228	2	26-May-04	318161.18	5995812.85	5.07	SAND 2
229	2	26-May-04	318161.51	5995811.92	5.10	SAND 2
230	2	26-May-04	318161.76	5995810.89	5.12	SAND 2
231	2	26-May-04	318162.41	5995810.16	5.15	SAND 2
232	2	26-May-04	318163.13	5995809.19	5.19	SAND 2
233	2	26-May-04	318163.81	5995808.12	5.23	SAND 2
234	2	26-May-04	318164.38	5995807.20	5.28	SAND 2
235	2	26-May-04	318164.73	5995806.50	5.30	SAND 2
236	2	26-May-04	318165.15	5995806.02	5.31	SAND 2
237	2	26-May-04	318165.49	5995805.39	5.32	SAND 2
238	2	26-May-04	318165.77	5995804.91	5.35	SAND 2
239	2	26-May-04	318166.12	5995804.33	5.36	SAND 2
240	2	26-May-04	318166.58	5995803.78	5.39	SAND 2
241	2	26-May-04	318167.01	5995803.16	5.41	SAND 2
242	2	26-May-04	318167.31	5995802.68	5.41	SAND 2
243	2	26-May-04	318167.68	5995801.95	5.48	SAND 2
244	2	26-May-04	318168.20	5995801.08	5.53	SAND 2
245	2	26-May-04	318168.54	5995800.48	5.54	SAND 2
246	2	26-May-04	318168.85	5995799.94	5.54	SAND 2
247	2	26-May-04	318169.22	5995799.40	5.58	SAND 2
248	2	26-May-04	318169.58	5995798.83	5.60	SAND 2
249	2	26-May-04	318169.82	5995798.20	5.61	SAND 2
250	2	26-May-04	318170.15	5995797.55	5.68	SAND 2
251	2	26-May-04	318170.49	5995796.78	5.69	SAND 2
252	2	26-May-04	318170.86	5995796.26	5.71	SAND 2
253	2	26-May-04	318171.39	5995795.45	5.75	SAND 2
254	2	26-May-04	318171.64	5995794.93	5.75	SAND 2
255	2	26-May-04	318171.91	5995794.35	5.79	SAND 2
256	2	26-May-04	318172.20	5995793.79	5.83	SAND 2
257	2	26-May-04	318172.49	5995793.31	5.84	SAND 2
258	2	26-May-04	318172.82	5995792.80	5.86	SAND 2
259	2	26-May-04	318173.04	5995792.32	5.87	SAND 2
260	2	26-May-04	318173.28	5995791.73	5.85	DFTW 2
261	2	26-May-04	318173.74	5995791.23	5.90	DFTW 2
262	2	26-May-04	318174.08	5995790.61	6.00	DFTW 2
263	2	26-May-04	318174.36	5995790.06	5.97	DFTW 2
264	2	26-May-04	318174.65	5995789.52	6.02	DFTW 2
265	2	26-May-04	318174.81	5995788.88	6.02	DFTW 2

266	2	26-May-04	318175.24	5995788.09	6.04	DFTW 2
267	2	26-May-04	318175.60	5995787.39	6.05	DFTW 2
268	2	26-May-04	318175.99	5995786.58	6.12	DFTW 2
269	2	26-May-04	318176.35	5995785.91	6.17	DFTW 2
270	2	26-May-04	318176.58	5995785.25	6.20	DFTW 2
271	2	26-May-04	318177.16	5995784.58	6.22	DFTW 2
272	2	26-May-04	318177.48	5995783.97	6.33	DFTW 2
273	2	26-May-04	318177.57	5995783.75	6.27	DFTW 2
274	2	26-May-04	318177.72	5995783.30	6.21	DFTW 2
275	2	26-May-04	318178.02	5995782.88	6.26	DFTW 2
276	2	26-May-04	318178.17	5995782.53	6.33	DFTW 2
277	2	26-May-04	318178.47	5995782.06	6.37	DFTW 2
278	2	26-May-04	318178.88	5995781.53	6.40	DFTW 2
279	2	26-May-04	318179.16	5995781.05	6.49	DFTW 2
280	2	26-May-04	318179.69	5995780.54	6.49	DFTW 2
281	2	26-May-04	318180.00	5995780.18	6.45	DFTW 2
282	2	26-May-04	318180.21	5995779.74	6.45	DFTW 2
283	2	26-May-04	318180.42	5995779.53	6.61	DFTW 2
284	2	26-May-04	318180.77	5995778.92	6.68	DFTW 2
285	2	26-May-04	318180.88	5995778.60	6.77	DFTW 2
286	2	26-May-04	318181.06	5995778.27	6.71	DFTW 2
287	2	26-May-04	318181.23	5995777.87	6.86	DFTW 2
288	2	26-May-04	318181.41	5995777.47	7.19	DFTW 2
289	2	26-May-04	318181.56	5995777.25	7.17	DFTW 2
290	2	26-May-04	318181.70	5995776.79	6.78	DFTW 2
291	2	26-May-04	318182.27	5995776.11	6.64	DFTW 2
292	2	26-May-04	318182.61	5995775.55	6.70	DFTW 2
293	2	26-May-04	318183.11	5995775.08	6.74	DFTW 2
294	2	26-May-04	318183.53	5995774.60	6.80	DFTW 2
295	2	26-May-04	318183.91	5995774.11	6.91	RMP 2
296	2	26-May-04	318184.23	5995773.35	7.23	RMP 2
297	2	26-May-04	318184.53	5995772.89	7.28	RMP 2
298	2	26-May-04	318184.78	5995772.45	7.46	RMP 2
299	2	26-May-04	318185.03	5995771.96	7.67	SCRP BTM 2
300	2	26-May-04	318185.08	5995771.49	8.13	SCRPEDG 2
301	2	26-May-04	318185.32	5995770.91	8.55	FRDN 2
302	2	26-May-04	318185.58	5995770.33	8.82	FRDN 2
303	2	26-May-04	318185.98	5995769.84	9.10	FRDN 2
304	2	26-May-04	318186.15	5995769.49	9.28	FRDN 2
305	2	26-May-04	318186.35	5995769.11	9.46	FRDN 2
306	2	26-May-04	318186.68	5995768.58	9.69	FRDN 2
307	2	26-May-04	318186.89	5995768.09	9.85	FRDN 2
308	2	26-May-04	318187.10	5995767.62	10.03	FRDN 2
309	2	26-May-04	318187.31	5995767.14	10.22	FRDN 2
310	2	26-May-04	318187.53	5995766.61	10.35	FRDN 2
311	2	26-May-04	318187.81	5995766.08	10.50	FRDN 2
312	2	26-May-04	318188.04	5995765.64	10.63	FRDN 2
313	2	26-May-04	318188.37	5995764.97	10.79	FRDN 2
314	2	26-May-04	318188.56	5995764.39	10.85	FRDNCRST 2
315	2	26-May-04	318188.83	5995763.72	10.85	FRDN 2
316	2	26-May-04	318189.07	5995763.38	10.64	FRDN 2

317	2	26-May-04	318189.40	5995763.10	10.57	FRDN 2
318	2	26-May-04	318189.67	5995762.55	10.45	FRDN 2
319	2	26-May-04	318190.12	5995762.06	10.31	FRDN 2
320	2	26-May-04	318190.35	5995761.62	10.09	FRDN 2
321	2	26-May-04	318190.77	5995760.78	9.96	FRDN 2
322	2	26-May-04	318190.96	5995760.28	9.85	FRDN 2
323	2	26-May-04	318191.23	5995759.55	9.72	FRDN 2
324	2	26-May-04	318191.42	5995759.27	9.54	FRDN 2
325	2	26-May-04	318191.52	5995758.42	9.36	BKDN 2
326	2	26-May-04	318191.93	5995757.61	9.23	BKDN 2
327	2	26-May-04	318192.16	5995756.84	9.11	BKDN 2
328	2	26-May-04	318192.64	5995756.02	9.04	BKDN 2
329	2	26-May-04	318192.84	5995755.62	8.86	BKDN 2
330	2	26-May-04	318192.90	5995755.40	8.71	BKDN 2
331	2	26-May-04	318193.10	5995755.01	8.78	BKDN 2
332	2	26-May-04	318193.36	5995754.29	8.95	BKDN 2
333	2	26-May-04	318193.85	5995753.77	9.09	BKDN 2
334	2	26-May-04	318194.09	5995753.14	9.18	BKDN 2
335	2	26-May-04	318194.48	5995752.41	9.19	BKDN 2
336	2	26-May-04	318194.87	5995751.57	9.17	BKDN 2
337	2	26-May-04	318195.27	5995750.86	9.10	BKDN 2
338	2	26-May-04	318195.62	5995750.04	9.15	BKDN 2
339	2	26-May-04	318195.96	5995749.48	9.17	BKDN 2
340	2	26-May-04	318196.28	5995748.91	9.26	BKDN 2
341	2	26-May-04	318196.51	5995748.44	9.33	BKDN 2
342	2	26-May-04	318196.89	5995747.33	9.45	BKDN 2
343	2	26-May-04	318197.17	5995746.62	9.44	BKDN 2
344	2	26-May-04	318197.36	5995745.99	9.41	BKDN 2
345	2	26-May-04	318197.59	5995745.28	9.35	BKDN 2
346	2	26-May-04	318197.89	5995744.53	9.35	BKDN 2
347	2	26-May-04	318193.63	5995741.95	9.28	BKDN 3
348	2	26-May-04	318193.42	5995742.42	9.33	BKDN 3
349	2	26-May-04	318192.91	5995743.09	9.35	BKDN 3
350	2	26-May-04	318192.70	5995743.59	9.37	BKDN 3
351	2	26-May-04	318192.22	5995744.16	9.49	BKDN 3
352	2	26-May-04	318192.07	5995744.73	9.63	BKDN 3
353	2	26-May-04	318191.83	5995745.38	9.70	BKDN 3
354	2	26-May-04	318191.52	5995746.19	9.66	BKDN 3
355	2	26-May-04	318191.20	5995746.75	9.74	BKDN 3
356	2	26-May-04	318190.97	5995747.32	9.61	BKDN 3
357	2	26-May-04	318190.67	5995747.83	9.53	BKDN 3
358	2	26-May-04	318190.39	5995748.42	9.46	BKDN 3
359	2	26-May-04	318190.11	5995748.86	9.34	BKDN 3
360	2	26-May-04	318189.92	5995749.26	9.28	BKDN 3
361	2	26-May-04	318189.67	5995749.82	9.21	BKDN 3
362	2	26-May-04	318189.45	5995750.45	9.14	BKDN 3
363	2	26-May-04	318189.19	5995750.98	8.97	BKDN 3
364	2	26-May-04	318188.92	5995751.58	8.76	BKDN 3
365	2	26-May-04	318188.85	5995752.25	8.71	BKDN 3
366	2	26-May-04	318188.46	5995752.81	8.79	BKDN 3
367	2	26-May-04	318188.22	5995753.38	8.93	BKDN 3

368	2	26-May-04	318188.07	5995753.72	9.02	BKDN 3
369	2	26-May-04	318187.76	5995754.36	9.13	BKDN 3
370	2	26-May-04	318187.49	5995754.74	9.20	BKDN 3
371	2	26-May-04	318187.12	5995755.21	9.25	BKDN 3
372	2	26-May-04	318186.71	5995755.58	9.26	BKDN 3
373	2	26-May-04	318186.50	5995755.96	9.35	FRDN 3
374	2	26-May-04	318186.48	5995756.32	9.64	FRDN 3
375	2	26-May-04	318186.32	5995756.85	9.81	FRDN 3
376	2	26-May-04	318186.17	5995757.24	9.92	FRDN 3
377	2	26-May-04	318186.00	5995757.59	10.28	FRDN 3
378	2	26-May-04	318185.87	5995757.95	10.42	FRDN 3
379	2	26-May-04	318185.73	5995758.31	10.55	FRDN 3
380	2	26-May-04	318185.63	5995758.71	10.74	FRDN 3
381	2	26-May-04	318185.40	5995759.17	10.87	FRDN 3
382	2	26-May-04	318185.08	5995759.60	10.77	FRDN 3
383	2	26-May-04	318184.86	5995760.03	10.87	FRDN 3
384	2	26-May-04	318184.71	5995760.42	10.92	FRDN 3
385	2	26-May-04	318184.61	5995760.74	10.92	FRDN 3
386	2	26-May-04	318184.49	5995760.99	10.68	FRDN 3
387	2	26-May-04	318184.30	5995761.33	10.54	FRDN 3
388	2	26-May-04	318184.09	5995761.87	10.50	FRDNCRST 3
389	2	26-May-04	318183.89	5995762.30	10.42	FRDN 3
390	2	26-May-04	318183.65	5995762.80	10.32	FRDN 3
391	2	26-May-04	318183.35	5995763.29	10.29	FRDN 3
392	2	26-May-04	318183.07	5995763.73	10.18	FRDN 3
393	2	26-May-04	318182.85	5995764.13	10.13	FRDN 3
394	2	26-May-04	318182.62	5995764.54	10.12	FRDN 3
395	2	26-May-04	318182.40	5995764.95	10.06	FRDN 3
396	2	26-May-04	318182.12	5995765.50	9.96	FRDN 3
397	2	26-May-04	318181.85	5995765.91	9.87	FRDN 3
398	2	26-May-04	318181.58	5995766.30	9.73	FRDN 3
399	2	26-May-04	318181.18	5995766.65	9.44	FRDN 3
400	2	26-May-04	318180.85	5995767.04	9.24	FRDN 3
401	2	26-May-04	318180.99	5995766.77	9.33	FRDN 3
402	2	26-May-04	318180.72	5995767.44	9.07	FRDN 3
403	2	26-May-04	318180.54	5995767.91	8.70	FRDN 3
404	2	26-May-04	318180.23	5995768.44	8.53	FRDN 3
405	2	26-May-04	318180.07	5995768.71	8.31	FRDN 3
406	2	26-May-04	318179.83	5995769.08	7.94	SCRPEDG 3
407	2	26-May-04	318179.66	5995769.51	7.56	SCRP 3
408	2	26-May-04	318179.52	5995769.64	7.28	RMP 3
409	2	26-May-04	318179.38	5995769.85	7.10	RMP 3
410	2	26-May-04	318179.18	5995770.11	7.13	SAND 3
411	2	26-May-04	318179.02	5995770.59	7.37	SAND 3
412	2	26-May-04	318178.68	5995771.11	7.33	SAND 3
413	2	26-May-04	318178.43	5995771.77	7.15	SAND 3
414	2	26-May-04	318178.28	5995772.24	7.08	SAND 3
415	2	26-May-04	318178.28	5995772.23	7.09	SAND 3
416	2	26-May-04	318178.07	5995772.80	6.98	SAND 3
417	2	26-May-04	318177.87	5995773.33	6.87	SAND 3
418	2	26-May-04	318177.40	5995773.96	6.81	SAND 3

419	2	26-May-04	318176.93	5995774.44	6.86	SAND 3
420	2	26-May-04	318176.05	5995775.66	6.81	SAND 3
421	2	26-May-04	318175.68	5995776.22	6.65	SAND 3
422	2	26-May-04	318175.13	5995776.98	6.55	SAND 3
423	2	26-May-04	318174.66	5995777.54	6.49	SAND 3
424	2	26-May-04	318174.43	5995777.91	6.51	SAND 3
425	2	26-May-04	318174.22	5995778.41	6.46	SAND 3
426	2	26-May-04	318174.00	5995778.96	6.40	SAND 3
427	2	26-May-04	318173.87	5995779.50	6.37	SAND 3
428	2	26-May-04	318173.17	5995780.32	6.32	SAND 3
429	2	26-May-04	318172.92	5995780.89	6.23	SAND 3
430	2	26-May-04	318172.59	5995781.55	6.20	SAND 3
431	2	26-May-04	318172.31	5995781.86	6.35	SAND 3
432	2	26-May-04	318171.87	5995782.41	6.31	SAND 3
433	2	26-May-04	318171.56	5995783.09	6.14	SAND 3
434	2	26-May-04	318171.29	5995783.49	6.10	SAND 3
435	2	26-May-04	318170.93	5995784.08	6.09	SAND 3
436	2	26-May-04	318170.61	5995784.52	6.10	SAND 3
437	2	26-May-04	318170.36	5995785.02	6.04	SAND 3
438	2	26-May-04	318170.02	5995785.57	6.06	SAND 3
439	2	26-May-04	318169.70	5995786.05	6.07	SAND 3
440	2	26-May-04	318169.49	5995786.66	6.02	SAND 3
441	2	26-May-04	318168.83	5995787.59	5.98	SAND 3
442	2	26-May-04	318168.42	5995788.35	5.95	SAND 3
443	2	26-May-04	318167.82	5995789.25	5.91	SAND 3
444	2	26-May-04	318167.53	5995789.85	5.86	SAND 3
445	2	26-May-04	318167.14	5995790.62	5.83	SAND 3
446	2	26-May-04	318166.78	5995791.29	5.79	SAND 3
447	2	26-May-04	318166.45	5995791.81	5.80	SAND 3
448	2	26-May-04	318165.94	5995792.50	5.73	SAND 3
449	2	26-May-04	318165.55	5995793.20	5.73	SAND 3
450	2	26-May-04	318165.16	5995794.09	5.67	SAND 3
451	2	26-May-04	318164.73	5995794.89	5.64	SAND 3
452	2	26-May-04	318164.41	5995795.52	5.61	SAND 3
453	2	26-May-04	318164.07	5995796.00	5.60	SAND 3
454	2	26-May-04	318163.80	5995796.48	5.56	SAND 3
455	2	26-May-04	318163.46	5995796.96	5.52	SAND 3
456	2	26-May-04	318163.05	5995797.73	5.50	SAND 3
457	2	26-May-04	318162.72	5995798.36	5.46	SAND 3
458	2	26-May-04	318162.42	5995798.89	5.45	SAND 3
459	2	26-May-04	318162.22	5995799.35	5.43	SAND 3
460	2	26-May-04	318161.95	5995799.87	5.41	SAND 3
461	2	26-May-04	318161.68	5995800.40	5.38	SAND 3
462	2	26-May-04	318161.42	5995800.90	5.37	SAND 3
463	2	26-May-04	318161.17	5995801.47	5.35	SAND 3
464	2	26-May-04	318160.92	5995802.07	5.34	SAND 3
465	2	26-May-04	318160.64	5995802.51	5.33	SAND 3
466	2	26-May-04	318160.41	5995802.90	5.31	SAND 3
467	2	26-May-04	318160.09	5995803.31	5.29	SAND 3
468	2	26-May-04	318159.69	5995803.73	5.28	SAND 3
469	2	26-May-04	318159.45	5995804.25	5.24	SAND 3

470	2	26-May-04	318159.18	5995804.69	5.23	SAND 3
471	2	26-May-04	318158.92	5995805.25	5.22	SAND 3
472	2	26-May-04	318158.64	5995805.66	5.22	SAND 3
473	2	26-May-04	318158.22	5995806.25	5.18	SAND 3
474	2	26-May-04	318157.88	5995806.75	5.15	SAND 3
475	2	26-May-04	318157.50	5995807.38	5.13	SAND 3
476	2	26-May-04	318157.21	5995808.04	5.11	SAND 3
477	2	26-May-04	318156.88	5995808.62	5.09	SAND 3
478	2	26-May-04	318156.58	5995809.19	5.06	SAND 3
479	2	26-May-04	318156.26	5995809.73	5.04	SAND 3
480	2	26-May-04	318155.74	5995810.60	5.03	SAND 3
481	2	26-May-04	318155.40	5995811.11	5.04	SAND 3
482	2	26-May-04	318155.09	5995811.63	5.01	SAND 3
483	2	26-May-04	318154.85	5995812.12	4.99	SAND 3
484	2	26-May-04	318154.49	5995812.76	4.99	SAND 3
485	2	26-May-04	318154.04	5995813.43	4.96	SAND 3
486	2	26-May-04	318153.67	5995813.97	4.94	SAND 3
487	2	26-May-04	318153.26	5995814.66	4.93	SAND 3
488	2	26-May-04	318152.82	5995815.21	4.92	SAND 3
489	2	26-May-04	318152.51	5995815.73	4.90	SAND 3
490	2	26-May-04	318152.20	5995816.24	4.88	SAND 3
491	2	26-May-04	318151.83	5995816.82	4.84	SAND 3
492	2	26-May-04	318151.22	5995817.69	4.83	SAND 3
493	2	26-May-04	318150.78	5995818.36	4.82	SAND 3
494	2	26-May-04	318150.14	5995819.23	4.79	SAND 3
495	2	26-May-04	318149.68	5995820.11	4.76	SAND 3
496	2	26-May-04	318149.14	5995821.24	4.74	SAND 3
497	2	26-May-04	318148.88	5995821.75	4.76	SAND 3
498	2	26-May-04	318148.45	5995822.56	4.72	SAND 3
499	2	26-May-04	318148.22	5995823.32	4.72	SAND 3
500	2	26-May-04	318147.70	5995824.41	4.69	SAND 3
501	2	26-May-04	318147.45	5995825.02	4.69	SAND 3
502	2	26-May-04	318147.06	5995825.60	4.66	SAND 3
503	2	26-May-04	318145.88	5995827.38	4.63	SAND 3
504	2	26-May-04	318144.15	5995830.37	4.57	SAND 3
505	2	26-May-04	318142.28	5995833.62	4.54	SAND 3
506	2	26-May-04	318140.53	5995836.71	4.49	SAND 3
507	2	26-May-04	318138.71	5995839.66	4.43	SAND 3
508	2	26-May-04	318136.84	5995843.06	4.38	SAND 3
509	2	26-May-04	318135.00	5995846.76	4.30	SAND 3
510	2	26-May-04	318133.07	5995849.92	4.28	SAND 3
511	2	26-May-04	318131.07	5995853.30	4.24	SAND 3
512	2	26-May-04	318128.99	5995856.81	4.18	SAND 3
513	2	26-May-04	318126.58	5995860.66	4.13	SAND 3
514	2	26-May-04	318124.20	5995864.15	4.07	SAND 3
515	2	26-May-04	318121.72	5995868.24	4.03	SAND 3
516	2	26-May-04	318119.77	5995872.24	3.97	SAND 3
517	2	26-May-04	318117.97	5995875.62	3.92	SAND 3
518	2	26-May-04	318116.08	5995879.14	3.90	SAND 3
519	2	26-May-04	318114.12	5995882.33	3.85	SAND 3
520	2	26-May-04	318112.25	5995885.61	3.79	SAND 3

521	2	26-May-04	318110.36	5995888.86	3.72	SAND 3
522	2	26-May-04	318108.40	5995892.58	3.68	SAND 3
523	2	26-May-04	318106.78	5995895.19	3.62	SAND 3
524	2	26-May-04	318105.00	5995898.99	3.59	SAND 3
525	2	26-May-04	318103.23	5995903.43	3.54	SAND 3
526	2	26-May-04	318101.72	5995907.15	3.47	SAND 3
527	2	26-May-04	318099.93	5995910.52	3.44	SAND 3
528	2	26-May-04	318097.85	5995914.55	3.37	SAND 3
529	2	26-May-04	318095.63	5995918.46	3.35	SAND 3
530	2	26-May-04	318092.89	5995922.97	3.25	SAND 3
531	2	26-May-04	318090.82	5995926.81	3.19	SAND 3
532	2	26-May-04	318088.48	5995931.33	3.16	SAND 3
533	2	26-May-04	318085.75	5995935.85	3.08	SAND 3
534	2	26-May-04	318083.72	5995939.74	3.03	SAND 3
535	2	26-May-04	318081.90	5995943.40	2.98	SAND 3
536	2	26-May-04	318081.09	5995945.18	2.95	SAND 3
537	2	26-May-04	318078.97	5995949.27	2.90	SAND 3
538	2	26-May-04	318076.28	5995953.88	2.84	SAND 3
1	2	**18-Jul-04**	**318198.34**	**5995743.68**	**9.46**	**Top Rebar BM**
2	2	**18-Jul-04**	**318198.34**	**5995743.68**	**9.31**	**BTM Rebar BM**
3	2	18-Jul-04	318197.91	5995744.77	9.34	2BKDN
4	2	18-Jul-04	318197.55	5995745.72	9.40	2BKDN
5	2	18-Jul-04	318197.26	5995746.43	9.43	2BKDN
6	2	18-Jul-04	318198.78	5995742.60	9.37	2BKDN
7	2	18-Jul-04	318197.90	5995744.37	9.30	2BKDN
8	2	18-Jul-04	318197.26	5995745.38	9.33	2BKDN
9	2	18-Jul-04	318196.52	5995746.80	9.41	2BKDN
10	2	18-Jul-04	318196.09	5995747.88	9.37	2BKDN
11	2	18-Jul-04	318195.50	5995748.79	9.23	2BKDN
12	2	18-Jul-04	318195.01	5995749.76	9.13	2BKDN
13	2	18-Jul-04	318194.43	5995750.78	9.07	2BKDN
14	2	18-Jul-04	318193.80	5995751.96	9.10	2BKDN
15	2	18-Jul-04	318193.52	5995752.86	9.09	2BKDN
16	2	18-Jul-04	318192.85	5995754.36	8.96	2BKDN
17	2	18-Jul-04	318192.55	5995755.04	8.87	2BKDN
18	2	18-Jul-04	318191.76	5995755.93	9.15	2BKDN
19	2	18-Jul-04	318191.03	5995757.27	9.16	2BKDN
20	2	18-Jul-04	318190.46	5995758.00	9.36	2FRDN
21	2	18-Jul-04	318190.14	5995758.57	9.64	2FRDN
22	2	18-Jul-04	318189.90	5995759.43	9.94	2FRDN
23	2	18-Jul-04	318189.42	5995760.40	10.02	2FRDN
24	2	18-Jul-04	318188.98	5995761.44	10.22	2FRDN
25	2	18-Jul-04	318188.43	5995762.50	10.49	2FRDN
26	2	18-Jul-04	318187.95	5995763.30	10.81	2FRDN
27	2	18-Jul-04	318187.43	5995764.48	10.79	2FRDN
28	2	18-Jul-04	318186.82	5995765.44	10.53	2FRDN
29	2	18-Jul-04	318186.25	5995766.54	10.25	2FRDN
30	2	18-Jul-04	318185.51	5995767.67	9.81	2FRDN
31	2	18-Jul-04	318185.09	5995768.38	9.19	2FRDN
32	2	18-Jul-04	318184.45	5995769.39	9.01	2FRDN
33	2	18-Jul-04	318184.11	5995770.12	8.40	2RMP

34	2	18-Jul-04	318183.37	5995771.28	7.84	2RMP
35	2	18-Jul-04	318182.56	5995772.72	7.24	2RMP
36	2	18-Jul-04	318182.26	5995773.55	6.82	2RMP
37	2	18-Jul-04	318181.95	5995774.54	6.68	2DFTWDSND
38	2	18-Jul-04	318181.63	5995775.32	6.61	2DFTWDSND
39	2	18-Jul-04	318181.16	5995775.82	6.79	2DFTWDSND
40	2	18-Jul-04	318180.68	5995776.36	7.12	2DFTWDSND
41	2	18-Jul-04	318180.02	5995777.31	6.86	2DFTWDSND
42	2	18-Jul-04	318179.42	5995778.43	6.41	2DFTWDSND
43	2	18-Jul-04	318178.90	5995779.44	6.43	2DFTWDSND
44	2	18-Jul-04	318178.26	5995780.71	6.43	2DFTWDSND
45	2	18-Jul-04	318177.50	5995782.11	6.41	2DFTWDSND
46	2	18-Jul-04	318176.95	5995783.06	6.34	2DFTWDSND
47	2	18-Jul-04	318176.20	5995784.50	6.37	2DFTWDSND
48	2	18-Jul-04	318175.56	5995785.38	6.39	2DFTWDSND
49	2	18-Jul-04	318175.15	5995785.98	6.20	2DFTWDSND
50	2	18-Jul-04	318174.29	5995787.33	6.27	2DFTWDSND
51	2	18-Jul-04	318173.68	5995788.59	6.18	2DFTWDSND
52	2	18-Jul-04	318172.52	5995790.84	6.05	2SND
53	2	18-Jul-04	318171.34	5995792.89	5.88	2SND
54	2	18-Jul-04	318170.13	5995794.78	5.77	2SND
55	2	18-Jul-04	318169.30	5995796.68	5.66	2SND
56	2	18-Jul-04	318168.50	5995798.23	5.58	2SND
57	2	18-Jul-04	318167.17	5995800.32	5.54	2HGTDLN
58	2	18-Jul-04	318166.31	5995801.99	5.47	2SND
59	2	18-Jul-04	318165.59	5995803.57	5.45	2SND
60	2	18-Jul-04	318164.50	5995805.58	5.39	2SND
61	2	18-Jul-04	318163.18	5995807.99	5.30	2SND
62	2	18-Jul-04	318161.96	5995810.31	5.19	2SND
63	2	18-Jul-04	318160.69	5995812.64	5.08	2SND
64	2	18-Jul-04	318159.30	5995815.18	5.01	2SND
65	2	18-Jul-04	318158.05	5995817.53	4.94	2SND
66	2	18-Jul-04	318156.50	5995820.34	4.87	2SND
67	2	18-Jul-04	318155.17	5995822.75	4.79	2SND
68	2	18-Jul-04	318153.74	5995825.09	4.73	2SND
69	2	18-Jul-04	318152.26	5995827.77	4.68	2SND
70	2	18-Jul-04	318150.69	5995830.49	4.64	2SND
71	2	18-Jul-04	318156.76	5995832.40	4.61	2SND
72	2	18-Jul-04	318146.71	5995827.23	4.61	1SND
73	2	18-Jul-04	318148.88	5995823.74	4.60	3SND
74	2	18-Jul-04	318150.90	5995820.21	4.66	3SND
75	2	18-Jul-04	318152.51	5995817.43	4.74	3SND
76	2	18-Jul-04	318154.15	5995814.48	4.82	3SND
77	2	18-Jul-04	318155.83	5995811.46	4.90	3SND
78	2	18-Jul-04	318157.48	5995808.58	4.97	3SND
79	2	18-Jul-04	318158.98	5995806.00	5.06	3SND
80	2	18-Jul-04	318158.20	5995829.55	5.18	3SND
81	2	18-Jul-04	318159.76	5995826.37	4.66	1SND
82	2	18-Jul-04	318161.54	5995823.38	4.73	1SND
83	2	18-Jul-04	318163.26	5995820.02	4.80	1SND
84	2	18-Jul-04	318165.02	5995816.91	4.89	1SND

85	2	18-Jul-04	318166.65	5995813.59	4.98	1SND
86	2	18-Jul-04	318167.90	5995811.28	5.09	1SND
87	2	18-Jul-04	318168.97	5995809.24	5.20	1SND
88	2	18-Jul-04	318170.02	5995807.14	5.28	1SND
89	2	18-Jul-04	318170.98	5995805.46	5.35	1SND
90	2	18-Jul-04	318172.18	5995803.18	5.40	1SND
91	2	18-Jul-04	318173.51	5995800.75	5.48	1SND
92	2	18-Jul-04	318174.46	5995799.03	5.55	1HGTDLN
93	2	18-Jul-04	318175.67	5995796.88	5.59	1SND
94	2	18-Jul-04	318176.93	5995794.37	5.70	1SND
95	2	18-Jul-04	318178.27	5995791.92	5.85	1SND
96	2	18-Jul-04	318179.13	5995790.10	5.98	1SND
97	2	18-Jul-04	318179.98	5995788.57	6.15	1DFTWDSND
98	2	18-Jul-04	318180.64	5995787.48	6.30	1DFTWDSND
99	2	18-Jul-04	318181.21	5995786.19	6.23	1DFTWDSND
100	2	18-Jul-04	318181.63	5995785.61	6.38	1DFTWDSND
101	2	18-Jul-04	318182.22	5995784.60	6.33	1DFTWDSND
102	2	18-Jul-04	318182.68	5995783.84	6.30	1DFTWDSND
103	2	18-Jul-04	318183.11	5995782.93	6.33	1DFTWDSND
104	2	18-Jul-04	318183.56	5995782.24	6.32	1DFTWDSND
105	2	18-Jul-04	318183.97	5995781.58	6.41	1DFTWDSND
106	2	18-Jul-04	318184.59	5995780.55	6.50	1DFTWDSND
107	2	18-Jul-04	318185.10	5995779.35	6.56	1DFTWDSND
108	2	18-Jul-04	318185.84	5995777.86	6.71	1DFTWDSND
109	2	18-Jul-04	318186.68	5995776.73	6.91	1DFTWDSND
110	2	18-Jul-04	318187.09	5995775.97	7.09	1DFTWDSND
111	2	18-Jul-04	318187.47	5995775.41	7.21	1DFTWDSND
112	2	18-Jul-04	318187.82	5995774.77	7.12	1DFTWDSND
113	2	18-Jul-04	318188.15	5995774.24	6.88	1DFTWDSND
114	2	18-Jul-04	318188.55	5995773.66	6.78	1DFTWDSND
115	2	18-Jul-04	318188.90	5995773.02	6.91	1DFTWDSND
116	2	18-Jul-04	318188.86	5995772.63	6.99	1SCRP
117	2	18-Jul-04	318189.11	5995772.45	7.58	1SCRP
118	2	18-Jul-04	318189.24	5995771.94	8.16	1SCRP
119	2	18-Jul-04	318189.44	5995771.18	8.46	1FRDN
120	2	18-Jul-04	318189.82	5995770.53	8.89	1FRDN
121	2	18-Jul-04	318190.32	5995769.70	9.21	1FRDN
122	2	18-Jul-04	318190.97	5995768.52	9.53	1FRDN
123	2	18-Jul-04	318191.74	5995767.27	9.67	1FRDN
124	2	18-Jul-04	318192.11	5995766.39	10.04	1FRDN
125	2	18-Jul-04	318192.65	5995765.59	10.22	1FRDN
126	2	18-Jul-04	318193.15	5995764.58	10.42	1FRDN
127	2	18-Jul-04	318193.95	5995763.13	10.62	1FRDN
128	2	18-Jul-04	318194.29	5995762.07	10.50	1FRDN
129	2	18-Jul-04	318195.15	5995761.21	10.17	1FRDN
130	2	18-Jul-04	318195.12	5995761.20	9.88	1FRDN
131	2	18-Jul-04	318195.73	5995759.64	9.86	1BKDN
132	2	18-Jul-04	318196.89	5995757.78	9.71	1BKDN
133	2	18-Jul-04	318197.90	5995755.99	9.46	1BKDN
134	2	18-Jul-04	318198.30	5995755.11	9.38	1BKDN
135	2	18-Jul-04	318198.84	5995753.86	9.10	1BKDN

136	2	18-Jul-04	318199.22	5995752.34	9.11	1BKDN
137	2	18-Jul-04	318200.35	5995750.09	9.00	1BKDN
138	2	18-Jul-04	318201.46	5995747.84	9.20	1BKDN
139	2	18-Jul-04	318194.22	5995740.15	9.58	1BKDN
140	2	18-Jul-04	318192.32	5995743.76	9.17	3BKDN
141	2	18-Jul-04	318191.83	5995744.98	9.66	3BKDN
142	2	18-Jul-04	318191.27	5995746.09	9.66	3BKDN
143	2	18-Jul-04	318190.60	5995747.39	9.62	3BKDN
144	2	18-Jul-04	318189.90	5995748.73	9.40	3BKDN
145	2	18-Jul-04	318189.39	5995749.99	9.19	3BKDN
146	2	18-Jul-04	318188.49	5995752.03	8.81	3BKDN
147	2	18-Jul-04	318187.44	5995753.70	8.93	3BKDN
148	2	18-Jul-04	318186.90	5995754.71	9.22	3BKDN
149	2	18-Jul-04	318187.07	5995755.52	9.36	3BKDN
150	2	18-Jul-04	318186.81	5995756.31	9.72	3FRDN
151	2	18-Jul-04	318186.70	5995756.61	9.97	3FRDN
152	2	18-Jul-04	318186.43	5995757.00	10.38	3FRDN
153	2	18-Jul-04	318186.07	5995758.07	10.68	3FRDN
154	2	18-Jul-04	318185.27	5995759.10	10.88	3FRDN
155	2	18-Jul-04	318184.95	5995759.50	10.91	3FRDN
156	2	18-Jul-04	318184.72	5995760.01	10.91	3FRDN
157	2	18-Jul-04	318184.41	5995760.86	10.57	3FRDN
158	2	18-Jul-04	318183.77	5995761.87	10.46	3FRDN
159	2	18-Jul-04	318183.21	5995762.89	10.27	3FRDN
160	2	18-Jul-04	318182.77	5995763.75	10.16	3FRDN
161	2	18-Jul-04	318182.19	5995764.91	10.13	3FRDN
162	2	18-Jul-04	318181.82	5995765.76	9.78	3FRDN
163	2	18-Jul-04	318181.45	5995766.47	9.43	3FRDN
164	2	18-Jul-04	318181.16	5995767.26	9.04	3FRDN
165	2	18-Jul-04	318180.89	5995767.75	8.73	3FRDN
166	2	18-Jul-04	318180.73	5995768.34	8.32	3FRDN
167	2	18-Jul-04	318180.53	5995768.89	7.96	3SND`3RMP
168	2	18-Jul-04	318179.92	5995769.34	7.75	3RMP
169	2	18-Jul-04	318179.25	5995770.29	7.60	3RMP
170	2	18-Jul-04	318178.49	5995771.14	7.23	3RMP
171	2	18-Jul-04	318177.94	5995772.24	6.95	3RMP
172	2	18-Jul-04	318177.35	5995773.29	6.76	3RMP
173	2	18-Jul-04	318176.42	5995775.04	6.73	3DFTWDSND
174	2	18-Jul-04	318175.74	5995776.36	6.51	3DFTWDSND
175	2	18-Jul-04	318175.03	5995777.41	6.47	3DFTWDSND
176	2	18-Jul-04	318174.05	5995778.99	6.25	3DFTWDSND
177	2	18-Jul-04	318173.28	5995780.81	6.30	3DFTWDSND
178	2	18-Jul-04	318173.00	5995781.79	6.42	3DFTWDSND
179	2	18-Jul-04	318171.89	5995782.95	6.44	3DFTWDSND
180	2	18-Jul-04	318170.69	5995784.71	6.36	3DFTWDSND
181	2	18-Jul-04	318168.56	5995789.04	6.17	3DFTWDSND
182	2	18-Jul-04	318167.19	5995791.27	5.87	3SND
183	2	18-Jul-04	318166.17	5995793.42	5.73	3SND
184	2	18-Jul-04	318164.80	5995795.55	5.63	3SND
185	2	18-Jul-04	318163.88	5995797.27	5.56	3HGTD
186	2	18-Jul-04	318162.64	5995799.72	5.50	3SND

187	2	18-Jul-04	318161.51	5995801.56	5.44	3SND
188	2	18-Jul-04	318160.53	5995803.29	5.37	3SND
189	2	18-Jul-04	318159.43	5995805.13	5.30	3SND
1	2	**17-Feb-05**	**318198.34**	**5995743.68**	**9.46**	**Top Rebar BM**
2	2	**17-Feb-05**	**318198.34**	**5995743.68**	**9.31**	**BTM Rebar BM**
3	2	17-Feb-05	318203.51	5995744.88	9.11	LINE 1TRLN
4	2	17-Feb-05	318203.36	5995745.12	9.24	LINE 1BKDN
5	2	17-Feb-05	318202.92	5995745.70	9.41	LINE 1BKDN
6	2	17-Feb-05	318202.55	5995746.19	9.44	LINE 1BKDN
7	2	17-Feb-05	318202.31	5995746.59	9.48	LINE 1BKDN
8	2	17-Feb-05	318202.11	5995746.95	9.57	LINE 1BKDN
9	2	17-Feb-05	318201.73	5995747.63	9.64	LINE 1BKDN
10	2	17-Feb-05	318201.42	5995748.16	9.67	LINE 1BKDN
11	2	17-Feb-05	318201.18	5995748.66	9.59	LINE 1BKDN
12	2	17-Feb-05	318200.84	5995749.24	9.48	LINE 1BKDN
13	2	17-Feb-05	318200.53	5995749.80	9.36	LINE 1BKDN
14	2	17-Feb-05	318200.22	5995750.42	9.27	LINE 1BKDN
15	2	17-Feb-05	318199.86	5995751.12	9.16	LINE 1BKDN
16	2	17-Feb-05	318199.37	5995751.93	9.08	LINE 1BKDN
17	2	17-Feb-05	318198.92	5995752.69	9.01	LINE 1BKDN
18	2	17-Feb-05	318198.64	5995753.29	9.01	LINE 1BKDN
19	2	17-Feb-05	318198.42	5995753.82	9.04	LINE 1BKDN
20	2	17-Feb-05	318197.97	5995754.74	9.10	LINE 1BKDN
21	2	17-Feb-05	318197.44	5995755.57	9.02	LINE 1BKDN
22	2	17-Feb-05	318197.20	5995756.08	9.19	LINE 1BKDN
23	2	17-Feb-05	318196.92	5995756.40	9.30	LINE 1BKDN
24	2	17-Feb-05	318196.59	5995756.84	9.37	LINE 1FRDN
25	2	17-Feb-05	318196.25	5995757.58	9.45	LINE 1FRDN
26	2	17-Feb-05	318195.99	5995758.13	9.44	LINE 1FRDN
27	2	17-Feb-05	318195.55	5995758.90	9.52	LINE 1FRDN
28	2	17-Feb-05	318195.32	5995759.27	9.56	LINE 1FRDN
29	2	17-Feb-05	318195.05	5995759.80	9.64	LINE 1FRDN
30	2	17-Feb-05	318194.89	5995760.19	9.70	LINE 1FRDN
31	2	17-Feb-05	318194.74	5995760.53	9.74	LINE 1FRDN
32	2	17-Feb-05	318194.58	5995760.85	9.77	LINE 1FRDN
33	2	17-Feb-05	318194.43	5995761.07	9.81	LINE 1FRDN
34	2	17-Feb-05	318194.25	5995761.33	9.86	LINE 1FRDN
35	2	17-Feb-05	318194.15	5995761.55	9.88	LINE 1FRDN
36	2	17-Feb-05	318193.89	5995761.74	9.88	LINE 1FRDN
37	2	17-Feb-05	318193.76	5995761.91	9.94	LINE 1FRDN
38	2	17-Feb-05	318193.61	5995762.15	10.06	LINE 1FRDN
39	2	17-Feb-05	318193.38	5995762.57	10.26	LINE 1FRDN
40	2	17-Feb-05	318193.30	5995762.84	10.37	LINE 1FRDN
41	2	17-Feb-05	318193.12	5995763.19	10.45	LINE 1FRDN
42	2	17-Feb-05	318192.93	5995763.46	10.53	LINE 1FRDN
43	2	17-Feb-05	318192.79	5995763.73	10.63	LINE 1FRDN
44	2	17-Feb-05	318192.68	5995763.93	10.66	LINE 1FRDN
45	2	17-Feb-05	318192.51	5995764.24	10.66	LINE 1FRDN
46	2	17-Feb-05	318192.41	5995764.56	10.64	LINE 1FRDN
47	2	17-Feb-05	318192.27	5995764.87	10.61	LINE 1FRDN
48	2	17-Feb-05	318192.09	5995765.40	10.60	LINE 1CRST

49	2	17-Feb-05	318191.95	5995765.82	10.60	LINE 1FRDN
50	2	17-Feb-05	318191.75	5995766.28	10.40	LINE 1FRDN
51	2	17-Feb-05	318191.45	5995766.63	10.32	LINE 1FRDN
52	2	17-Feb-05	318191.21	5995767.15	10.19	LINE 1FRDN
53	2	17-Feb-05	318190.83	5995767.71	10.06	LINE 1FRDN
54	2	17-Feb-05	318190.68	5995768.11	10.05	LINE 1FRDN
55	2	17-Feb-05	318190.33	5995768.45	9.87	LINE 1FRDN
56	2	17-Feb-05	318190.14	5995768.86	9.78	LINE 1FRDN
57	2	17-Feb-05	318189.94	5995769.16	9.72	LINE 1FRDN
58	2	17-Feb-05	318189.72	5995769.50	9.68	LINE 1FRDN
59	2	17-Feb-05	318189.55	5995769.90	9.71	LINE 1FRDN
60	2	17-Feb-05	318189.44	5995770.26	9.73	LINE 1FRDN
61	2	17-Feb-05	318189.31	5995770.58	9.65	LINE 1FRDN
62	2	17-Feb-05	318189.18	5995770.79	9.55	LINE 1FRDN
63	2	17-Feb-05	318189.19	5995770.79	9.56	LINE 1FRDN
64	2	17-Feb-05	318189.00	5995771.14	9.33	LINE 1FRDN
65	2	17-Feb-05	318188.90	5995771.61	9.09	LINE 1FRDN
66	2	17-Feb-05	318188.68	5995772.20	8.79	LINE 1FRDN
67	2	17-Feb-05	318188.48	5995772.69	8.45	LINE 1FRDN
68	2	17-Feb-05	318188.48	5995772.84	8.44	LINE 1SCRP
69	2	17-Feb-05	318187.71	5995773.74	6.43	LINE 1SCRP
70	2	17-Feb-05	318187.23	5995774.49	6.38	LINE 1BCH
71	2	17-Feb-05	318183.32	5995781.58	6.01	LINE 1BCH
72	2	17-Feb-05	318182.43	5995783.15	5.94	LINE 1BCH
73	2	17-Feb-05	318179.28	5995789.32	5.69	LINE 1BCH
74	2	17-Feb-05	318174.23	5995798.65	5.39	LINE 1BCH
75	2	17-Feb-05	318168.47	5995808.75	5.07	LINE 1BCH
76	2	17-Feb-05	318162.00	5995820.49	4.81	LINE 1BCH
77	2	17-Feb-05	318152.10	5995838.94	4.47	LINE 1BCH
78	2	17-Feb-05	318135.92	5995868.03	4.04	LINE 1BCH
79	2	17-Feb-05	318126.68	5995885.19	3.79	LINE 1BCH
80	2	17-Feb-05	318114.10	5995907.62	3.45	LINE 1BCH
81	2	17-Feb-05	318103.08	5995927.00	3.23	LINE 1BCH
82	2	17-Feb-05	318090.03	5995950.12	2.82	LINE 1BCH
83	2	17-Feb-05	318072.58	5995981.99	2.46	LINE 1BCH
84	2	17-Feb-05	318055.82	5996013.38	2.00	LINE 1OWL
85	2	17-Feb-05	318062.61	5995990.95	2.02	LINE 2OWL
86	2	17-Feb-05	318066.85	5995983.09	2.33	LINE 2OWL
87	2	17-Feb-05	318071.85	5995974.09	2.43	LINE 2OWL
88	2	17-Feb-05	318078.13	5995962.75	2.53	LINE 2OWL
89	2	17-Feb-05	318084.07	5995952.25	2.67	LINE 2OWL
90	2	17-Feb-05	318099.55	5995924.80	2.79	LINE 2BCH
91	2	17-Feb-05	318114.30	5995897.94	3.19	LINE 2BCH
92	2	17-Feb-05	318123.77	5995880.87	3.55	LINE 2BCH
93	2	17-Feb-05	318136.26	5995858.56	3.83	LINE 2BCH
94	2	17-Feb-05	318148.18	5995836.89	4.14	LINE 2BCH
95	2	17-Feb-05	318156.47	5995821.24	4.45	LINE 2BCH
96	2	17-Feb-05	318165.00	5995805.91	4.79	LINE 2BCH
97	2	17-Feb-05	318169.71	5995796.77	5.11	LINE 2BCH
98	2	17-Feb-05	318171.85	5995792.85	5.38	LINE 2BCH
99	2	17-Feb-05	318173.49	5995789.57	5.51	LINE 2BCH

100	2	17-Feb-05	318176.05	5995784.88	5.61	LINE 2BCH
101	2	17-Feb-05	318178.77	5995780.22	5.78	LINE 2BCH
102	2	17-Feb-05	318181.14	5995775.94	5.99	LINE 2BCH
103	2	17-Feb-05	318181.90	5995774.59	6.22	LINE 2BCH
104	2	17-Feb-05	318182.20	5995773.94	6.31	LINE 2BCH
105	2	17-Feb-05	318182.86	5995772.79	6.34	LINE 2BCH
106	2	17-Feb-05	318183.17	5995772.22	6.41	LINE 2BCH
107	2	17-Feb-05	318183.55	5995771.58	6.48	LINE 2SCRP
108	2	17-Feb-05	318183.70	5995771.20	7.86	LINE 2SCRP
109	2	17-Feb-05	318183.93	5995770.84	7.94	LINE 2FRDN
110	2	17-Feb-05	318184.19	5995770.35	8.26	LINE 2FRDN
111	2	17-Feb-05	318184.53	5995769.88	8.66	LINE 2FRDN
112	2	17-Feb-05	318184.69	5995769.65	8.94	LINE 2FRDN
113	2	17-Feb-05	318184.82	5995769.27	9.11	LINE 2FRDN
114	2	17-Feb-05	318184.96	5995769.08	9.27	LINE 2FRDN
115	2	17-Feb-05	318185.12	5995768.67	9.44	LINE 2FRDN
116	2	17-Feb-05	318185.53	5995768.03	9.58	LINE 2FRDN
117	2	17-Feb-05	318185.79	5995767.47	9.87	LINE 2FRDN
118	2	17-Feb-05	318186.14	5995766.85	9.98	LINE 2FRDN
119	2	17-Feb-05	318186.41	5995766.36	10.17	LINE 2FRDN
120	2	17-Feb-05	318186.64	5995765.95	10.34	LINE 2FRDN
121	2	17-Feb-05	318186.86	5995765.55	10.44	LINE 2FRDN
122	2	17-Feb-05	318187.06	5995765.21	10.56	LINE 2FRDN
123	2	17-Feb-05	318187.16	5995764.97	10.67	LINE 2FRDN
124	2	17-Feb-05	318187.44	5995764.46	10.74	LINE 2FRDN
125	2	17-Feb-05	318187.58	5995764.18	10.81	LINE 2FRDN
126	2	17-Feb-05	318187.69	5995763.75	10.84	LINE 2FRDN
127	2	17-Feb-05	318187.97	5995763.29	10.85	LINE 2FRDN
128	2	17-Feb-05	318188.14	5995763.00	10.76	LINE 2FRDN
129	2	17-Feb-05	318188.34	5995762.51	10.69	LINE 2FRDN
130	2	17-Feb-05	318188.62	5995762.07	10.56	LINE 2FRDN
131	2	17-Feb-05	318188.78	5995761.66	10.42	LINE 2FRDN
132	2	17-Feb-05	318188.99	5995761.23	10.32	LINE 2FRDN
133	2	17-Feb-05	318189.26	5995760.71	10.19	LINE 2FRDN
134	2	17-Feb-05	318189.70	5995760.17	10.09	LINE 2FRDN
135	2	17-Feb-05	318189.96	5995759.64	9.97	LINE 2FRDN
136	2	17-Feb-05	318190.38	5995758.82	9.87	LINE 2FRDN
137	2	17-Feb-05	318190.75	5995758.14	9.53	LINE 2FRDN
138	2	17-Feb-05	318191.29	5995757.26	9.35	LINE 2FRDN
139	2	17-Feb-05	318191.55	5995756.84	9.21	LINE 2FRDN
140	2	17-Feb-05	318191.79	5995756.43	9.14	LINE 2FRDN
141	2	17-Feb-05	318192.10	5995755.90	9.12	LINE 2FRDN
142	2	17-Feb-05	318192.36	5995755.47	9.10	LINE 2FRDN
143	2	17-Feb-05	318192.49	5995755.26	8.93	LINE 2FRDN
144	2	17-Feb-05	318192.84	5995754.67	8.73	LINE 2BKDN
145	2	17-Feb-05	318193.04	5995754.34	8.82	LINE 2BKDN
146	2	17-Feb-05	318193.33	5995753.88	8.91	LINE 2BKDN
147	2	17-Feb-05	318193.49	5995753.28	8.99	LINE 2BKDN
148	2	17-Feb-05	318193.92	5995752.33	9.11	LINE 2BKDN
149	2	17-Feb-05	318194.35	5995751.69	9.12	LINE 2BKDN
150	2	17-Feb-05	318194.92	5995750.72	9.11	LINE 2BKDN

151	2	17-Feb-05	318195.37	5995749.85	9.09	LINE 2BKDN
152	2	17-Feb-05	318195.66	5995749.28	9.13	LINE 2BKDN
153	2	17-Feb-05	318195.86	5995748.71	9.15	LINE 2BKDN
154	2	17-Feb-05	318196.15	5995748.08	9.25	LINE 2BKDN
155	2	17-Feb-05	318196.42	5995747.26	9.33	LINE 2BKDN
156	2	17-Feb-05	318196.65	5995746.81	9.40	LINE 2BKDN
157	2	17-Feb-05	318196.91	5995746.36	9.43	LINE 2BKDN
158	2	17-Feb-05	318197.28	5995745.60	9.42	LINE 2BKDN
159	2	17-Feb-05	318197.70	5995744.65	9.35	LINE 2BKDN
160	2	17-Feb-05	318198.10	5995744.23	9.34	LINE 2BKDN
161	2	17-Feb-05	318198.33	5995743.84	9.36	LINE 2BKDN
162	2	17-Feb-05	318198.58	5995743.29	9.32	LINE 2BKDN
163	2	17-Feb-05	318198.99	5995742.23	9.26	LINE 2BKDN
164	2	17-Feb-05	318195.45	5995738.72	9.06	LINE 2TRLN
165	2	17-Feb-05	318194.11	5995740.93	9.04	LINE 3TRLN
166	2	17-Feb-05	318193.51	5995741.92	9.28	LINE 3BKDN
167	2	17-Feb-05	318193.22	5995742.85	9.36	LINE 3BKDN
168	2	17-Feb-05	318192.24	5995744.21	9.41	LINE 3BKDN
169	2	17-Feb-05	318191.75	5995745.01	9.68	LINE 3BKDN
170	2	17-Feb-05	318191.53	5995745.92	9.69	LINE 3BKDN
171	2	17-Feb-05	318191.23	5995746.56	9.69	LINE 3BKDN
172	2	17-Feb-05	318190.89	5995747.32	9.55	LINE 3BKDN
173	2	17-Feb-05	318190.58	5995748.18	9.44	LINE 3BKDN
174	2	17-Feb-05	318189.97	5995748.94	9.29	LINE 3BKDN
175	2	17-Feb-05	318189.47	5995749.57	9.20	LINE 3BKDN
176	2	17-Feb-05	318189.18	5995750.31	9.00	LINE 3BKDN
177	2	17-Feb-05	318188.75	5995751.40	8.79	LINE 3BKDN
178	2	17-Feb-05	318188.50	5995752.02	8.77	LINE 3BKDN
179	2	17-Feb-05	318188.12	5995752.64	8.88	LINE 3FRDN
180	2	17-Feb-05	318188.05	5995753.22	9.04	LINE 3FRDN
181	2	17-Feb-05	318187.76	5995753.71	9.11	LINE 3FRDN
182	2	17-Feb-05	318187.49	5995754.09	9.22	LINE 3FRDN
183	2	17-Feb-05	318187.17	5995754.59	9.25	LINE 3FRDN
184	2	17-Feb-05	318187.00	5995754.96	9.27	LINE 3FRDN
185	2	17-Feb-05	318186.87	5995755.14	9.38	LINE 3FRDN
186	2	17-Feb-05	318186.71	5995755.51	9.64	LINE 3FRDN
187	2	17-Feb-05	318186.39	5995755.98	9.77	LINE 3FRDN
188	2	17-Feb-05	318186.28	5995756.04	9.92	LINE 3FRDN
189	2	17-Feb-05	318186.18	5995756.29	9.97	LINE 3FRDN
190	2	17-Feb-05	318186.05	5995756.74	10.23	LINE 3FRDN
191	2	17-Feb-05	318185.89	5995756.97	10.37	LINE 3FRDN
192	2	17-Feb-05	318185.86	5995756.98	10.50	LINE 3FRDN
193	2	17-Feb-05	318185.72	5995757.26	10.50	LINE 3FRDN
194	2	17-Feb-05	318185.52	5995757.55	10.60	LINE 3FRDN
195	2	17-Feb-05	318185.37	5995757.78	10.67	LINE 3FRDN
196	2	17-Feb-05	318185.21	5995758.18	10.78	LINE 3FRDN
197	2	17-Feb-05	318184.89	5995758.57	10.77	LINE 3FRDN
198	2	17-Feb-05	318184.85	5995758.56	10.81	LINE 3FRDN
199	2	17-Feb-05	318184.47	5995759.11	10.80	LINE 3FRDN
200	2	17-Feb-05	318184.28	5995759.40	10.76	LINE 3FRDN
201	2	17-Feb-05	318184.05	5995759.86	10.71	LINE 3FRDN

202	2	17-Feb-05	318183.83	5995760.35	10.56	LINE 3FRDN
203	2	17-Feb-05	318183.59	5995761.03	10.43	LINE 3FRDN
204	2	17-Feb-05	318183.05	5995761.91	10.33	LINE 3FRDN
205	2	17-Feb-05	318182.67	5995762.64	10.27	LINE 3FRDN
206	2	17-Feb-05	318182.48	5995763.06	10.12	LINE 3FRDN
207	2	17-Feb-05	318182.25	5995763.38	10.10	LINE 3FRDN
208	2	17-Feb-05	318182.14	5995763.64	10.14	LINE 3FRDN
209	2	17-Feb-05	318181.97	5995763.92	10.16	LINE 3FRDN
210	2	17-Feb-05	318181.80	5995764.23	10.14	LINE 3FRDN
211	2	17-Feb-05	318181.63	5995764.61	10.05	LINE 3FRDN
212	2	17-Feb-05	318181.43	5995765.01	9.90	LINE 3FRDN
213	2	17-Feb-05	318181.06	5995765.51	9.74	LINE 3FRDN
214	2	17-Feb-05	318180.78	5995766.07	9.47	LINE 3FRDN
215	2	17-Feb-05	318180.47	5995766.47	9.25	LINE 3FRDN
216	2	17-Feb-05	318180.30	5995766.67	9.05	LINE 3FRDN
217	2	17-Feb-05	318180.06	5995767.01	8.93	LINE 3FRDN
218	2	17-Feb-05	318179.91	5995767.20	8.68	LINE 3FRDN
219	2	17-Feb-05	318179.74	5995767.53	8.51	LINE 3FRDN
220	2	17-Feb-05	318179.58	5995767.77	8.24	LINE 3FRDN
221	2	17-Feb-05	318179.45	5995767.98	8.04	LINE 3FRDN
222	2	17-Feb-05	318179.27	5995768.13	7.73	LINE 3FRDN
223	2	17-Feb-05	318179.19	5995768.22	7.49	LINE 3SCRP
224	2	17-Feb-05	318178.81	5995768.94	7.47	LINE 3SCRP
225	2	17-Feb-05	318178.72	5995770.15	6.43	LINE 3SCRP
226	2	17-Feb-05	318178.11	5995771.06	6.31	LINE 3BCH
227	2	17-Feb-05	318177.46	5995773.31	6.30	LINE 3BCH
228	2	17-Feb-05	318175.58	5995776.38	6.17	LINE 3BCH
229	2	17-Feb-05	318172.90	5995780.67	6.01	LINE 3BCH
230	2	17-Feb-05	318169.77	5995786.31	5.81	LINE 3BCH
231	2	17-Feb-05	318166.60	5995791.90	5.60	LINE 3BCH
232	2	17-Feb-05	318159.54	5995803.79	5.42	LINE 3BCH
233	2	17-Feb-05	318154.45	5995812.79	5.06	LINE 3BCH
234	2	17-Feb-05	318147.37	5995825.64	4.85	LINE 3BCH
235	2	17-Feb-05	318142.55	5995834.27	4.62	LINE 3BCH
236	2	17-Feb-05	318135.15	5995847.69	4.44	LINE 3BCH
237	2	17-Feb-05	318126.68	5995862.87	4.24	LINE 3BCH
238	2	17-Feb-05	318120.10	5995874.74	4.01	LINE 3BCH
239	2	17-Feb-05	318115.16	5995883.64	3.84	LINE 3BCH
240	2	17-Feb-05	318107.83	5995896.90	3.71	LINE 3BCH
241	2	17-Feb-05	318101.57	5995908.12	3.52	LINE 3BCH
242	2	17-Feb-05	318094.13	5995921.49	3.37	LINE 3BCH
243	2	17-Feb-05	318087.00	5995934.26	3.19	LINE 3BCH
244	2	17-Feb-05	318077.78	5995950.91	3.00	LINE 3BCH
245	2	17-Feb-05	318066.74	5995970.49	2.76	LINE 3BCH
246	2	17-Feb-05	318063.60	5995976.14	2.52	LINE 3BCH
247	2	17-Feb-05	318060.58	5995981.29	2.45	LINE 3BCH
248	2	17-Feb-05	318056.08	5995989.39	2.42	LINE 3BCH
249	2	17-Feb-05	318047.04	5996005.46	2.32	LINE 3BCH
1	2	**12-May-05**	**318198.34**	**5995743.68**	**9.46**	**Top Rebar BM**
2	2	**12-May-05**	**318198.33**	**5995743.70**	**9.31**	**BTM Rebar BM**
3	2	12-May-05	318203.53	5995744.81	9.07	TRLN 1

4	2	12-May-05	318203.34	5995745.18	9.25	BKDN 1
5	2	12-May-05	318203.17	5995745.53	9.34	BKDN 1
6	2	12-May-05	318203.10	5995746.02	9.44	BKDN 1
7	2	12-May-05	318202.70	5995746.74	9.46	BKDN 1
8	2	12-May-05	318202.26	5995747.44	9.59	BKDN 1
9	2	12-May-05	318201.97	5995748.09	9.66	BKDN 1
10	2	12-May-05	318201.59	5995748.64	9.70	BKDN 1
11	2	12-May-05	318201.26	5995749.42	9.56	BKDN 1
12	2	12-May-05	318200.56	5995750.64	9.34	BKDN 1
13	2	12-May-05	318200.12	5995751.85	9.15	BKDN 1
14	2	12-May-05	318199.27	5995753.09	9.04	BKDN 1
15	2	12-May-05	318198.63	5995754.43	9.06	BKDN 1
16	2	12-May-05	318197.85	5995756.09	9.07	BKDN 1
17	2	12-May-05	318197.46	5995756.91	9.32	BKDN 1
18	2	12-May-05	318197.35	5995757.27	9.40	BKDN 1
19	2	12-May-05	318196.60	5995758.44	9.46	BKDN 1
20	2	12-May-05	318196.32	5995758.96	9.48	BKDN 1
21	2	12-May-05	318196.03	5995759.50	9.53	BKDN 1
22	2	12-May-05	318195.81	5995760.02	9.60	BKDN 1
23	2	12-May-05	318195.45	5995760.64	9.67	BKDN 1
24	2	12-May-05	318195.22	5995760.84	9.74	BKDN 1
25	2	12-May-05	318195.09	5995761.16	9.75	BKDN 1
26	2	12-May-05	318194.81	5995761.52	9.81	BKDN 1
27	2	12-May-05	318194.55	5995761.88	9.86	BKDN 1
28	2	12-May-05	318194.31	5995762.28	9.89	FRDN 1
29	2	12-May-05	318194.09	5995762.68	10.05	FRDN 1
30	2	12-May-05	318193.97	5995763.17	10.26	FRDN 1
31	2	12-May-05	318193.67	5995763.68	10.38	FRDN 1
32	2	12-May-05	318193.48	5995764.07	10.48	FRDN 1
33	2	12-May-05	318193.35	5995764.44	10.61	FRDN 1
34	2	12-May-05	318193.12	5995764.71	10.65	FRDN 1
35	2	12-May-05	318192.98	5995765.37	10.60	FRDN 1
36	2	12-May-05	318192.71	5995765.99	10.57	FRDN 1
37	2	12-May-05	318192.48	5995766.45	10.58	FRDN 1
38	2	12-May-05	318192.42	5995766.67	10.51	FRDN 1
39	2	12-May-05	318192.28	5995766.79	10.43	FRDN 1
40	2	12-May-05	318192.11	5995767.22	10.33	FRDN 1
41	2	12-May-05	318191.79	5995767.64	10.20	FRDN 1
42	2	12-May-05	318191.68	5995767.87	10.14	FRDN 1
43	2	12-May-05	318191.54	5995768.21	10.11	FRDN 1
44	2	12-May-05	318191.36	5995768.50	10.08	FRDN 1
45	2	12-May-05	318191.16	5995768.76	10.05	FRDN 1
46	2	12-May-05	318191.12	5995768.90	9.97	FRDN 1
47	2	12-May-05	318191.12	5995769.08	9.90	FRDN 1
48	2	12-May-05	318191.07	5995769.31	9.80	FRDN 1
49	2	12-May-05	318190.92	5995769.64	9.73	FRDN 1
50	2	12-May-05	318190.73	5995770.03	9.68	FRDN 1
51	2	12-May-05	318190.40	5995770.47	9.68	FRDN 1
52	2	12-May-05	318190.23	5995770.76	9.67	FRDN 1
53	2	12-May-05	318190.03	5995771.00	9.69	FRDN 1
54	2	12-May-05	318189.75	5995771.35	9.59	FRDN 1

55	2	12-May-05	318189.61	5995771.62	9.38	FRDN 1
56	2	12-May-05	318189.56	5995771.86	9.27	FRDN 1
57	2	12-May-05	318189.40	5995772.20	9.11	FRDN 1
58	2	12-May-05	318189.00	5995772.60	8.81	FRDN 1
59	2	12-May-05	318189.11	5995772.80	8.74	FRDN 1
60	2	12-May-05	318189.05	5995772.88	8.66	FRDN 1
61	2	12-May-05	318188.95	5995773.07	8.57	FRDN 1
62	2	12-May-05	318188.87	5995773.35	8.44	FRDN 1
63	2	12-May-05	318188.79	5995773.42	8.31	SCRP 1
64	2	12-May-05	318188.83	5995773.52	8.04	SCRP 1
65	2	12-May-05	318188.61	5995773.73	7.46	SCRP 1
66	2	12-May-05	318188.33	5995774.02	7.25	SCRP 1
67	2	12-May-05	318188.06	5995774.25	6.98	SCRP 1
68	2	12-May-05	318188.08	5995774.28	6.65	SCRP 1
69	2	12-May-05	318187.98	5995774.47	6.58	DSM 1
70	2	12-May-05	318187.41	5995775.22	6.67	DSM 1
71	2	12-May-05	318186.87	5995777.03	6.53	DSM 1
72	2	12-May-05	318186.58	5995777.36	6.57	DSM 1
73	2	12-May-05	318186.43	5995777.60	6.55	DSM 1
74	2	12-May-05	318186.33	5995777.87	6.54	DSM 1
75	2	12-May-05	318186.32	5995777.96	6.47	DSM 1
76	2	12-May-05	318186.23	5995778.26	6.39	DSM 1
77	2	12-May-05	318186.05	5995778.76	6.38	DSM 1
78	2	12-May-05	318185.79	5995779.25	6.36	DSM 1
79	2	12-May-05	318185.51	5995779.82	6.36	DSM 1
80	2	12-May-05	318185.27	5995780.34	6.33	DSM 1
81	2	12-May-05	318185.01	5995780.82	6.27	DSM 1
82	2	12-May-05	318184.72	5995781.47	6.21	DSM 1
83	2	12-May-05	318184.45	5995782.04	6.19	DSM 1
84	2	12-May-05	318184.15	5995782.59	6.12	DSM 1
85	2	12-May-05	318183.73	5995783.22	6.12	BCH 1
86	2	12-May-05	318182.83	5995783.90	6.10	BCH 1
87	2	12-May-05	318182.35	5995784.82	6.10	BCH 1
88	2	12-May-05	318182.02	5995785.54	6.10	BCH 1
89	2	12-May-05	318181.76	5995786.09	6.04	BCH 1
90	2	12-May-05	318181.08	5995787.29	5.92	BCH 1
91	2	12-May-05	318180.68	5995788.03	5.92	BCH 1
92	2	12-May-05	318180.31	5995788.67	5.85	BCH 1
93	2	12-May-05	318179.73	5995789.55	5.78	BCH 1
94	2	12-May-05	318177.55	5995793.45	5.52	BCH 1
95	2	12-May-05	318176.24	5995796.07	5.43	BCH 1
96	2	12-May-05	318174.56	5995798.55	5.38	BCH 1
97	2	12-May-05	318172.78	5995801.51	5.29	BCH 1
98	2	12-May-05	318169.29	5995807.22	5.13	BCH 1
99	2	12-May-05	318164.11	5995815.92	4.95	BCH 1
100	2	12-May-05	318158.17	5995825.73	4.79	BCH 1
101	2	12-May-05	318151.79	5995835.89	4.59	BCH 1
102	2	12-May-05	318145.88	5995846.07	4.45	BCH 1
103	2	12-May-05	318138.72	5995857.18	4.24	BCH 1
104	2	12-May-05	318132.18	5995866.70	4.11	BCH 1
105	2	12-May-05	318180.28	5995788.48	5.85	BCH 1

106	2	12-May-05	318178.98	5995790.96	5.70	BCH 1
107	2	12-May-05	318176.85	5995795.07	5.47	BCH 1
108	2	12-May-05	318174.14	5995799.68	5.35	BCH 1
109	2	12-May-05	318170.83	5995805.48	5.19	BCH 1
110	2	12-May-05	318167.36	5995811.80	5.05	BCH 1
111	2	12-May-05	318163.50	5995819.22	4.91	BCH 1
112	2	12-May-05	318159.48	5995826.32	4.79	BCH 1
113	2	12-May-05	318156.07	5995832.17	4.67	BCH 1
114	2	12-May-05	318149.06	5995844.24	4.48	BCH 1
115	2	12-May-05	318144.03	5995853.88	4.33	BCH 1
116	2	12-May-05	318135.65	5995869.11	4.11	BCH 1
117	2	12-May-05	318126.89	5995884.13	3.87	BCH 1
118	2	12-May-05	318116.64	5995903.32	3.53	BCH 1
119	2	12-May-05	318107.93	5995919.42	3.33	BCH 1
120	2	12-May-05	318100.63	5995931.86	3.19	BCH 1
121	2	12-May-05	318092.49	5995946.10	3.05	BCH 1
122	2	12-May-05	318082.36	5995964.89	2.78	BCH 1
123	2	12-May-05	318072.92	5995983.33	2.44	BCH 1
124	2	12-May-05	318066.03	5995996.32	2.30	BCH 1
125	2	12-May-05	318059.45	5996010.49	2.21	OWL 1128
126	2	12-May-05	318062.96	5995988.68	2.34	OWL 1128
127	2	12-May-05	318075.85	5995966.86	2.71	BCH 2
128	2	12-May-05	318083.46	5995953.41	2.96	BCH 2
129	2	12-May-05	318083.39	5995953.41	2.96	BCH 2
130	2	12-May-05	318093.91	5995934.61	3.13	BCH 2
131	2	12-May-05	318103.54	5995916.75	3.32	BCH 2
132	2	12-May-05	318114.85	5995896.42	3.61	BCH 2
133	2	12-May-05	318122.49	5995882.62	3.86	BCH 2
134	2	12-May-05	318131.21	5995866.85	4.10	BCH 2
135	2	12-May-05	318138.88	5995852.46	4.30	BCH 2
136	2	12-May-05	318142.98	5995845.17	4.43	BCH 2
137	2	12-May-05	318146.88	5995837.92	4.53	BCH 2
138	2	12-May-05	318152.25	5995827.94	4.70	BCH 2
139	2	12-May-05	318156.12	5995821.05	4.82	BCH 2
140	2	12-May-05	318158.19	5995817.79	4.87	BCH 2
141	2	12-May-05	318161.31	5995811.83	4.99	BCH 2
142	2	12-May-05	318165.38	5995804.96	5.13	BCH 2
143	2	12-May-05	318169.12	5995797.99	5.31	BCH 2
144	2	12-May-05	318172.98	5995790.72	5.54	BCH 2
145	2	12-May-05	318175.14	5995786.41	5.76	BCH 2
146	2	12-May-05	318176.81	5995783.86	5.90	BCH 2
147	2	12-May-05	318177.94	5995781.60	6.07	DSM 2
148	2	12-May-05	318178.83	5995779.94	6.23	DSM 2
149	2	12-May-05	318178.95	5995779.66	6.27	DSM 2
150	2	12-May-05	318179.18	5995779.23	6.24	DSM 2
151	2	12-May-05	318179.52	5995778.79	6.22	DSM 2
152	2	12-May-05	318179.74	5995778.47	6.27	DSM 2
153	2	12-May-05	318179.94	5995777.99	6.36	DSM 2
154	2	12-May-05	318180.15	5995777.67	6.39	DSM 2
155	2	12-May-05	318180.31	5995777.43	6.40	DSM 2
156	2	12-May-05	318180.36	5995777.33	6.35	DSM 2

157	2	12-May-05	318180.53	5995776.98	6.38	DSM 2
158	2	12-May-05	318180.72	5995776.53	6.45	DSM 2
159	2	12-May-05	318180.96	5995776.21	6.47	DSM 2
160	2	12-May-05	318181.12	5995775.63	6.49	DSM 2
161	2	12-May-05	318181.59	5995774.90	6.50	DSM 2
162	2	12-May-05	318181.82	5995774.61	6.57	DSM 2
163	2	12-May-05	318182.14	5995774.30	6.52	DSM 2
164	2	12-May-05	318182.19	5995774.05	6.56	DSM 2
165	2	12-May-05	318182.57	5995773.40	6.50	DSM 2
166	2	12-May-05	318182.82	5995772.85	6.54	DSM 2
167	2	12-May-05	318183.14	5995772.45	6.61	DSM 2
168	2	12-May-05	318183.29	5995772.03	6.66	SCRP 2
169	2	12-May-05	318183.41	5995771.70	7.33	SCRP 2
170	2	12-May-05	318183.66	5995771.41	7.84	SCRP 2
171	2	12-May-05	318183.64	5995771.12	8.03	SCRP 2
172	2	12-May-05	318183.64	5995770.82	8.15	SCRP 2
173	2	12-May-05	318184.00	5995770.59	8.50	FRDN 2
174	2	12-May-05	318184.21	5995770.37	8.78	FRDN 2
175	2	12-May-05	318184.23	5995770.02	8.91	FRDN 2
176	2	12-May-05	318184.48	5995769.75	9.13	FRDN 2
177	2	12-May-05	318184.65	5995769.35	9.32	FRDN 2
178	2	12-May-05	318184.83	5995769.15	9.35	FRDN 2
179	2	12-May-05	318184.99	5995768.87	9.52	FRDN 2
180	2	12-May-05	318185.21	5995768.49	9.65	FRDN 2
181	2	12-May-05	318185.43	5995768.28	9.77	FRDN 2
182	2	12-May-05	318185.59	5995767.80	9.92	FRDN 2
183	2	12-May-05	318185.85	5995767.51	10.06	FRDN 2
184	2	12-May-05	318186.05	5995767.31	10.17	FRDN 2
185	2	12-May-05	318186.09	5995767.11	10.25	FRDN 2
186	2	12-May-05	318186.25	5995766.89	10.25	FRDN 2
187	2	12-May-05	318186.41	5995766.61	10.32	FRDN 2
188	2	12-May-05	318186.50	5995766.39	10.36	FRDN 2
189	2	12-May-05	318186.54	5995766.00	10.47	FRDN 2
190	2	12-May-05	318186.74	5995765.81	10.54	FRDN 2
191	2	12-May-05	318186.81	5995765.50	10.66	FRDN 2
192	2	12-May-05	318187.09	5995765.04	10.73	FRDN 2
193	2	12-May-05	318187.38	5995764.53	10.84	FRDN 2
194	2	12-May-05	318187.53	5995764.06	10.84	FRDN 2
195	2	12-May-05	318187.61	5995763.77	10.84	FRDN 2
196	2	12-May-05	318187.75	5995763.56	10.81	FRDN 2
197	2	12-May-05	318187.94	5995763.12	10.69	FRDN 2
198	2	12-May-05	318187.99	5995762.41	10.52	FRDN 2
199	2	12-May-05	318188.43	5995761.86	10.36	FRDN 2
200	2	12-May-05	318188.73	5995761.28	10.24	FRDN 2
201	2	12-May-05	318189.16	5995760.51	10.15	FRDN 2
202	2	12-May-05	318189.32	5995760.11	10.08	FRDN 2
203	2	12-May-05	318189.54	5995759.80	10.01	FRDN 2
204	2	12-May-05	318189.64	5995759.58	9.89	FRDN 2
205	2	12-May-05	318189.78	5995759.31	9.78	FRDN 2
206	2	12-May-05	318189.83	5995759.24	9.73	FRDN 2
207	2	12-May-05	318190.16	5995759.11	9.63	FRDN 2

208	2	12-May-05	318190.31	5995758.86	9.54	FRDN 2
209	2	12-May-05	318190.38	5995758.60	9.45	BKDN 2
210	2	12-May-05	318190.75	5995758.05	9.33	BKDN 2
211	2	12-May-05	318190.94	5995757.55	9.32	BKDN 2
212	2	12-May-05	318191.23	5995756.73	9.17	BKDN 2
213	2	12-May-05	318191.33	5995756.16	9.12	BKDN 2
214	2	12-May-05	318191.67	5995755.60	9.04	BKDN 2
215	2	12-May-05	318191.80	5995755.34	8.82	BKDN 2
216	2	12-May-05	318192.87	5995753.57	9.03	BKDN 2
217	2	12-May-05	318193.46	5995752.75	9.09	BKDN 2
218	2	12-May-05	318193.96	5995752.03	9.10	BKDN 2
219	2	12-May-05	318194.62	5995750.87	9.08	BKDN 2
220	2	12-May-05	318195.11	5995749.80	9.14	BKDN 2
221	2	12-May-05	318195.52	5995748.76	9.25	BKDN 2
222	2	12-May-05	318195.72	5995748.13	9.39	BKDN 2
223	2	12-May-05	318196.33	5995747.23	9.40	BKDN 2
224	2	12-May-05	318196.90	5995746.30	9.43	BKDN 2
225	2	12-May-05	318197.41	5995745.31	9.33	BKDN 2
226	2	12-May-05	318197.89	5995744.54	9.34	BKDN 2
227	2	12-May-05	318198.26	5995743.90	9.35	BKDN 2
228	2	12-May-05	318198.72	5995742.77	9.18	BKDN 2
229	2	12-May-05	318198.96	5995742.24	9.07	TRLN 2
230	2	12-May-05	318195.36	5995738.79	8.95	TRLN 3
231	2	12-May-05	318194.40	5995739.66	9.11	BKDN 3
232	2	12-May-05	318193.97	5995740.86	9.18	BKDN 3
233	2	12-May-05	318193.62	5995741.65	9.36	BKDN 3
234	2	12-May-05	318192.65	5995742.96	9.44	BKDN 3
235	2	12-May-05	318192.19	5995744.11	9.54	BKDN 3
236	2	12-May-05	318191.37	5995744.87	9.76	BKDN 3
237	2	12-May-05	318191.10	5995745.81	9.81	BKDN 3
238	2	12-May-05	318190.50	5995746.85	9.71	BKDN 3
239	2	12-May-05	318190.14	5995747.76	9.60	BKDN 3
240	2	12-May-05	318189.47	5995749.00	9.34	BKDN 3
241	2	12-May-05	318188.95	5995749.77	9.27	BKDN 3
242	2	12-May-05	318188.43	5995750.49	8.97	BKDN 3
243	2	12-May-05	318187.79	5995751.60	8.78	BKDN 3
244	2	12-May-05	318186.95	5995753.48	8.99	BKDN 3
245	2	12-May-05	318186.57	5995754.26	9.04	BKDN 3
246	2	12-May-05	318185.70	5995755.53	9.41	BKDN 3
247	2	12-May-05	318185.82	5995755.36	9.39	FRDN 3
248	2	12-May-05	318185.56	5995755.80	9.49	FRDN 3
249	2	12-May-05	318185.49	5995756.13	9.69	FRDN 3
250	2	12-May-05	318185.31	5995756.61	9.86	FRDN 3
251	2	12-May-05	318185.12	5995756.89	10.11	FRDN 3
252	2	12-May-05	318184.87	5995757.20	10.22	FRDN 3
253	2	12-May-05	318184.32	5995758.10	10.62	FRDN 3
254	2	12-May-05	318183.98	5995758.55	10.64	FRDN 3
255	2	12-May-05	318183.91	5995759.07	10.68	FRDN 3
256	2	12-May-05	318183.79	5995759.60	10.67	FRDN 3
257	2	12-May-05	318183.29	5995760.04	10.67	FRDN 3
258	2	12-May-05	318182.81	5995760.69	10.62	FRDN 3

259	2	12-May-05	318182.53	5995761.25	10.39	FRDN 3
260	2	12-May-05	318182.36	5995761.69	10.32	FRDN 3
261	2	12-May-05	318182.17	5995762.04	10.33	FRDN 3
262	2	12-May-05	318182.02	5995762.53	10.26	FRDN 3
263	2	12-May-05	318181.89	5995763.10	10.12	FRDN 3
264	2	12-May-05	318181.53	5995763.50	10.09	FRDN 3
265	2	12-May-05	318181.38	5995763.87	10.06	FRDN 3
266	2	12-May-05	318181.14	5995764.16	10.14	FRDN 3
267	2	12-May-05	318180.90	5995764.55	10.08	FRDN 3
268	2	12-May-05	318180.65	5995765.13	9.90	FRDN 3
269	2	12-May-05	318180.29	5995765.56	9.69	FRDN 3
270	2	12-May-05	318180.11	5995765.85	9.53	FRDN 3
271	2	12-May-05	318179.95	5995766.33	9.34	FRDN 3
272	2	12-May-05	318179.70	5995766.93	8.98	FRDN 3
273	2	12-May-05	318179.54	5995767.40	8.75	FRDN 3
274	2	12-May-05	318179.30	5995767.57	8.51	FRDN 3
275	2	12-May-05	318179.23	5995767.97	8.26	FRDN 3
276	2	12-May-05	318178.66	5995768.59	7.81	SCRP 3
277	2	12-May-05	318178.57	5995768.64	7.56	SCRP 3
278	2	12-May-05	318178.48	5995768.88	7.29	SCRP 3
279	2	12-May-05	318178.31	5995769.22	6.96	SCRP 3
280	2	12-May-05	318177.91	5995769.32	6.70	SCRP 3
281	2	12-May-05	318177.80	5995769.58	6.65	DSM 3
282	2	12-May-05	318177.76	5995770.13	6.58	DSM 3
283	2	12-May-05	318177.51	5995770.58	6.52	DSM 3
284	2	12-May-05	318177.29	5995770.81	6.54	DSM 3
285	2	12-May-05	318177.21	5995770.93	6.58	DSM 3
286	2	12-May-05	318177.13	5995771.21	6.53	DSM 3
287	2	12-May-05	318176.61	5995772.43	6.49	DSM 3
288	2	12-May-05	318176.19	5995773.11	6.44	DSM 3
289	2	12-May-05	318175.75	5995773.50	6.41	DSM 3
290	2	12-May-05	318175.34	5995774.12	6.34	DSM 3
291	2	12-May-05	318174.75	5995775.39	6.19	DSM 3
292	2	12-May-05	318174.44	5995775.89	6.15	DSM 3
293	2	12-May-05	318174.23	5995776.49	6.13	DSM 3
294	2	12-May-05	318173.93	5995777.45	6.13	DSM 3
295	2	12-May-05	318173.45	5995778.38	6.08	DSM 3
296	2	12-May-05	318172.72	5995779.99	6.08	DSM 3
297	2	12-May-05	318171.52	5995781.84	5.97	DSM 3
298	2	12-May-05	318170.73	5995783.61	5.84	BCH 3
299	2	12-May-05	318169.02	5995786.81	5.60	BCH 3
300	2	12-May-05	318166.56	5995791.64	5.41	BCH 3
301	2	12-May-05	318164.07	5995796.33	5.27	BCH 3
302	2	12-May-05	318160.11	5995803.79	5.11	BCH 3
303	2	12-May-05	318155.42	5995812.25	4.92	BCH 3
304	2	12-May-05	318150.08	5995821.40	4.76	BCH 3
305	2	12-May-05	318147.22	5995826.64	4.67	BCH 3
306	2	12-May-05	318141.79	5995835.63	4.54	BCH 3
307	2	12-May-05	318136.23	5995845.77	4.38	BCH 3
308	2	12-May-05	318130.35	5995856.59	4.20	BCH 3
309	2	12-May-05	318123.68	5995868.36	4.04	BCH 3

310	2	12-May-05	318119.00	5995877.81	3.88	BCH 3
311	2	12-May-05	318114.00	5995885.82	3.76	BCH 3
312	2	12-May-05	318112.91	5995888.98	3.70	OWL3 1245
1	3	**20-Feb-04**	**324779.00**	**5994272.00**	**19.08**	**Top Rebar BM 1**
2	3	**20-Feb-04**	**324779.00**	**5994272.00**	**18.80**	**Btm Rebar BM 1**
3	3	20-Feb-04	324769.43	5994259.36	16.62	PIN 1
4	3	20-Feb-04	324769.47	5994261.64	16.63	FRDUNE 1N
5	3	20-Feb-04	324769.64	5994263.84	16.69	FRDUNE 1N
6	3	20-Feb-04	324769.84	5994267.08	16.52	FRDUNE 1N
7	3	20-Feb-04	324770.19	5994270.46	16.92	FRDUNE 1N
8	3	20-Feb-04	324770.70	5994273.30	17.32	FRDUNE 1N
9	3	20-Feb-04	324771.17	5994275.64	17.62	FRDUNE 1N
10	3	20-Feb-04	324771.59	5994278.24	17.44	FRDUNE 1N
11	3	20-Feb-04	324772.01	5994279.63	17.13	FRDUNE 1N
12	3	20-Feb-04	324772.25	5994281.03	16.52	FRDUNE 1N
13	3	20-Feb-04	324772.54	5994283.96	16.46	FRDUNE 1N
14	3	20-Feb-04	324773.22	5994287.22	16.57	FRDUNE 1N
15	3	20-Feb-04	324773.87	5994289.41	16.67	FRDUNE 1N
16	3	20-Feb-04	324774.58	5994292.28	15.98	FRDUNE 1N
17	3	20-Feb-04	324775.64	5994295.54	15.10	SCRP 1N
18	3	20-Feb-04	324776.03	5994297.34	13.72	SCRP 1N
19	3	20-Feb-04	324776.39	5994300.48	11.69	SCRP 1N
20	3	20-Feb-04	324776.94	5994305.28	10.14	SCRP 1N
21	3	20-Feb-04	324777.61	5994308.92	9.09	SCRP 1N
22	3	20-Feb-04	324778.32	5994311.24	8.33	TOE 1N
23	3	20-Feb-04	324778.65	5994319.32	7.58	DRFTWD 1N
24	3	20-Feb-04	324780.38	5994321.91	7.48	DRFTWD 1N
25	3	20-Feb-04	324779.54	5994324.50	8.48	DRFTWD 1N
26	3	20-Feb-04	324781.47	5994327.45	8.46	DRFTWD 2N
27	3	20-Feb-04	324780.64	5994328.25	8.22	DRFTWD 1N
28	3	20-Feb-04	324781.49	5994328.31	8.19	SNDCBL 1N
29	3	20-Feb-04	324782.34	5994332.74	7.22	SNDCBL 1N
30	3	20-Feb-04	324783.97	5994340.36	6.36	SNDCBL 1N
31	3	20-Feb-04	324785.76	5994352.77	5.65	SNDCBL 1N
32	3	20-Feb-04	324787.46	5994363.06	5.36	SNDCBL 1N
33	3	20-Feb-04	324789.40	5994376.03	5.33	SNDCBL 1N
34	3	20-Feb-04	324791.20	5994386.37	5.24	SNDCBL 1N
35	3	20-Feb-04	324793.33	5994398.07	5.02	SNDCBL 1N
36	3	20-Feb-04	324795.22	5994412.11	4.33	OWL 16211N
37	3	20-Feb-04	324727.23	5994264.35	13.54	FRDUNE 2N
38	3	20-Feb-04	324728.11	5994267.21	13.73	FRDUNE 2N
39	3	20-Feb-04	324728.67	5994270.84	13.23	FRDUNE 2N
40	3	20-Feb-04	324729.37	5994274.27	12.99	FRDUNE 2N
41	3	20-Feb-04	324730.12	5994278.22	12.88	FRDUNE 2N
42	3	20-Feb-04	324731.10	5994281.46	12.77	FRDUNE 2N
43	3	20-Feb-04	324731.75	5994284.06	13.00	FRDUNE 2N
44	3	20-Feb-04	324732.39	5994287.83	13.18	FRDUNE 2N
45	3	20-Feb-04	324733.18	5994290.85	13.47	FRDUNE 2N
46	3	20-Feb-04	324733.65	5994294.46	13.32	FRDUNE 2N
47	3	20-Feb-04	324734.39	5994298.07	13.44	FRDUNE 2N
48	3	20-Feb-04	324735.39	5994299.28	13.34	FRDUNE 2N

49	3	20-Feb-04	324735.92	5994303.08	13.20	FRDUNE 2N
50	3	20-Feb-04	324736.77	5994305.80	13.17	FRDUNE 2N
51	3	20-Feb-04	324737.62	5994307.80	13.40	FRDUNE 2N
52	3	20-Feb-04	324738.72	5994311.02	12.74	SCRP 2N
53	3	20-Feb-04	324738.46	5994311.66	14.26	CRST 2
54	3	20-Feb-04	324739.05	5994312.62	11.83	SCRP 2N
55	3	20-Feb-04	324739.83	5994316.99	10.24	SCRP 2N
56	3	20-Feb-04	324739.94	5994319.93	9.15	SCRP 2N
57	3	20-Feb-04	324740.42	5994321.91	9.06	SCRP 2N
58	3	20-Feb-04	324740.37	5994324.41	8.82	TOE 2N
59	3	20-Feb-04	324740.93	5994331.62	8.23	DRFTWD 2N
60	3	20-Feb-04	324741.41	5994336.48	7.99	DRFTWD 2N
61	3	20-Feb-04	324748.08	5994337.19	7.28	DRFTWD LN
62	3	20-Feb-04	324741.96	5994338.00	8.18	SNDCBL 2N
63	3	20-Feb-04	324742.37	5994339.40	7.97	SNDCBL 2N
64	3	20-Feb-04	324729.48	5994340.41	7.31	DRFTWD LN
65	3	20-Feb-04	324742.91	5994340.82	7.45	SNDCBL 2N
66	3	20-Feb-04	324743.70	5994343.54	7.16	SNDCBL 2N
67	3	20-Feb-04	324712.01	5994345.49	7.43	DRFTWD LN
68	3	20-Feb-04	324744.74	5994348.44	6.60	SNDCBL 2N
69	3	20-Feb-04	324746.00	5994354.92	6.04	SNDCBL 2N
70	3	20-Feb-04	324747.38	5994364.57	5.72	SNDCBL 2N
71	3	20-Feb-04	324748.59	5994378.29	5.46	SNDCBL 2N
72	3	20-Feb-04	324749.12	5994390.89	5.33	SNDCBL 2N
73	3	20-Feb-04	324749.75	5994401.78	5.11	SNDCBL 2N
74	3	20-Feb-04	324750.47	5994411.92	4.85	SNDCBL 2N
75	3	20-Feb-04	324750.71	5994417.21	4.59	OWL 16352N
76	3	20-Feb-04	324672.36	5994265.16	11.52	FRDUNE N
77	3	20-Feb-04	324672.83	5994267.87	11.51	FRDUNE N
78	3	20-Feb-04	324673.20	5994270.17	11.53	FRDUNE N
79	3	20-Feb-04	324673.44	5994272.24	12.00	FRDUNE N
80	3	20-Feb-04	324673.72	5994273.88	12.31	FRDUNE N
81	3	20-Feb-04	324673.98	5994276.28	12.55	FRDUNE N
82	3	20-Feb-04	324674.27	5994278.51	12.66	FRDUNE N
83	3	20-Feb-04	324674.56	5994281.04	12.51	FRDUNE N
84	3	20-Feb-04	324674.96	5994284.09	12.50	FRDUNE N
85	3	20-Feb-04	324675.47	5994286.46	12.73	FRDUNE N
86	3	20-Feb-04	324675.96	5994288.84	12.68	FRDUNE N
87	3	20-Feb-04	324676.28	5994292.07	12.39	FRDUNE N
88	3	20-Feb-04	324676.60	5994294.51	12.29	FRDUNE N
89	3	20-Feb-04	324677.11	5994297.48	12.47	FRDUNE N
90	3	20-Feb-04	324677.65	5994300.72	12.59	FRDUNE N
91	3	20-Feb-04	324678.09	5994302.83	12.74	FRDUNE N
92	3	20-Feb-04	324678.43	5994305.59	12.82	FRDUNE N
93	3	20-Feb-04	324678.84	5994308.95	12.92	FRDUNE N
94	3	20-Feb-04	324679.35	5994311.37	13.15	FRDUNE N
95	3	20-Feb-04	324679.87	5994314.08	13.19	FRDUNE N
96	3	20-Feb-04	324680.45	5994315.47	13.40	FRDUNE N
97	3	20-Feb-04	324680.75	5994318.00	13.16	FRDUNE N
98	3	20-Feb-04	324681.29	5994320.05	13.31	FRDUNE N
99	3	20-Feb-04	324681.70	5994322.66	13.18	FRDUNE N

100	3	20-Feb-04	324682.41	5994324.92	13.27	FRDUNE N
101	3	20-Feb-04	324682.90	5994326.97	13.24	FRDUNE N
102	3	20-Feb-04	324683.63	5994328.25	12.03	SCRP
103	3	20-Feb-04	324683.72	5994329.67	11.62	SCRP
104	3	20-Feb-04	324683.98	5994332.95	10.26	SCRP
105	3	20-Feb-04	324684.34	5994334.72	9.14	SCRP
106	3	20-Feb-04	324684.54	5994335.66	8.87	TOE
107	3	20-Feb-04	324685.21	5994342.60	8.65	DRFTWD
108	3	20-Feb-04	324685.49	5994345.85	8.37	DRFTWD
109	3	20-Feb-04	324686.25	5994349.12	8.36	DRFTWD
110	3	20-Feb-04	324694.54	5994349.94	7.33	DRFTWD LN
111	3	20-Feb-04	324688.99	5994350.19	7.32	BKBCH 2
112	3	20-Feb-04	324686.70	5994352.27	7.78	DRFTWD
113	3	20-Feb-04	324687.25	5994356.52	7.46	DRFTWD
114	3	20-Feb-04	324688.41	5994357.59	7.29	SNDCBL 3N
115	3	20-Feb-04	324680.45	5994357.75	6.80	DRFTWD LN
116	3	20-Feb-04	324687.87	5994359.98	6.96	DRFTWD
117	3	20-Feb-04	324689.04	5994360.60	6.84	SNDCBL 3N
118	3	20-Feb-04	324689.79	5994365.06	6.46	SNDCBL 3N
119	3	20-Feb-04	324689.34	5994365.15	6.52	SNDCBL
120	3	20-Feb-04	324691.53	5994373.48	5.93	SNDCBL 3N
121	3	20-Feb-04	324690.71	5994374.98	5.99	SNDCBL
122	3	20-Feb-04	324690.97	5994379.41	5.77	SNDCBL
123	3	20-Feb-04	324692.87	5994381.67	5.75	SNDCBL 3N
124	3	20-Feb-04	324694.18	5994390.43	5.59	SNDCBL 3N
125	3	20-Feb-04	324693.17	5994390.57	5.62	OWL 11.16
126	3	20-Feb-04	324695.41	5994398.78	5.38	SNDCBL 3N
127	3	20-Feb-04	324696.27	5994406.68	5.30	SNDCBL 3N
128	3	20-Feb-04	324697.59	5994415.78	5.19	SNDCBL 3N
129	3	20-Feb-04	324698.81	5994424.47	4.89	SNDCBL 3N
130	3	20-Feb-04	324699.93	5994431.63	4.56	SNDCBL 3N
131	3	20-Feb-04	324700.85	5994438.41	4.11	SNDCBL 3N
132	3	20-Feb-04	324701.38	5994443.34	3.72	OWL 16453N
133	3	20-Feb-04	324606.12	5994268.49	12.44	PIN 4
134	3	20-Feb-04	324605.53	5994268.55	12.46	FRDUNE
135	3	20-Feb-04	324606.05	5994271.05	12.74	FRDUNE
136	3	20-Feb-04	324604.84	5994272.80	12.94	FRDUNE
137	3	20-Feb-04	324606.44	5994273.85	13.17	FRDUNE
138	3	20-Feb-04	324606.90	5994276.32	13.15	FRDUNE
139	3	20-Feb-04	324607.31	5994279.77	13.17	FRDUNE
140	3	20-Feb-04	324607.90	5994282.83	13.41	FRDUNE
141	3	20-Feb-04	324608.34	5994285.69	13.56	FRDUNE
142	3	20-Feb-04	324608.87	5994287.52	13.82	FRDUNE
143	3	20-Feb-04	324609.22	5994289.51	13.96	FRDUNE
144	3	20-Feb-04	324609.49	5994292.25	13.97	FRDUNE
145	3	20-Feb-04	324609.87	5994294.90	14.05	FRDUNE
146	3	20-Feb-04	324610.25	5994297.25	13.76	FRDUNE
147	3	20-Feb-04	324610.42	5994300.40	13.77	FRDUNE
148	3	20-Feb-04	324610.98	5994302.91	13.47	FRDUNE
149	3	20-Feb-04	324611.37	5994304.88	13.13	FRDUNE
150	3	20-Feb-04	324611.62	5994307.44	13.12	FRDUNE

151	3	20-Feb-04	324611.87	5994310.29	12.99	FRDUNE
152	3	20-Feb-04	324612.26	5994312.81	13.21	FRDUNE
153	3	20-Feb-04	324612.72	5994315.50	13.51	FRDUNE
154	3	20-Feb-04	324613.16	5994317.68	13.93	FRDUNE
155	3	20-Feb-04	324613.55	5994319.42	14.13	FRDUNE
156	3	20-Feb-04	324613.92	5994322.31	14.21	FRDUNE
157	3	20-Feb-04	324614.52	5994325.15	14.15	FRDUNE
158	3	20-Feb-04	324615.15	5994327.57	14.15	FRDUNE
159	3	20-Feb-04	324615.71	5994330.22	14.09	FRDUNE
160	3	20-Feb-04	324616.31	5994332.98	13.88	FRDUNE
161	3	20-Feb-04	324616.94	5994335.56	13.79	FRDUNE
162	3	20-Feb-04	324617.40	5994336.57	13.67	FRDUNE
163	3	20-Feb-04	324617.72	5994340.24	13.34	CRST
164	3	20-Feb-04	324618.15	5994342.08	13.38	CRST
165	3	20-Feb-04	324618.86	5994344.08	12.15	SCRP
166	3	20-Feb-04	324619.46	5994348.15	10.12	SCRP
167	3	20-Feb-04	324619.98	5994350.37	9.11	TOE
168	3	20-Feb-04	324620.41	5994356.07	9.20	DRFTWD
169	3	20-Feb-04	324620.88	5994359.55	9.10	DRFTWD
170	3	20-Feb-04	324662.83	5994360.33	7.22	DRFTWD LN
171	3	20-Feb-04	324621.37	5994363.78	8.28	DRFTWD
172	3	20-Feb-04	324651.58	5994364.56	7.20	DRFTWD LN
173	3	20-Feb-04	324633.47	5994367.42	7.09	DRFTWD LN
174	3	20-Feb-04	324622.10	5994367.46	8.01	DRFTWD
175	3	20-Feb-04	324624.05	5994368.67	6.91	BKBCH
176	3	20-Feb-04	324622.54	5994370.83	7.83	DRFTWD
177	3	20-Feb-04	324619.20	5994372.43	7.08	DRFTWD LN
178	3	20-Feb-04	324622.96	5994374.30	7.19	DRFTWD
179	3	20-Feb-04	324607.11	5994375.84	7.10	DRFTWD LN
180	3	20-Feb-04	324624.72	5994381.48	6.51	SNDCBL 4
181	3	20-Feb-04	324692.26	5994385.55	5.59	OWL 11.16
182	3	20-Feb-04	324625.27	5994387.31	6.18	SNDCBL 4
183	3	20-Feb-04	324626.21	5994394.07	5.86	SNDCBL 4
184	3	20-Feb-04	324627.44	5994401.01	5.65	SNDCBL 4
185	3	20-Feb-04	324628.57	5994406.79	5.60	OWL 10.54
186	3	20-Feb-04	324629.56	5994412.31	5.42	OWL 10.54
187	3	20-Feb-04	324639.58	5994455.74	3.53	OWL 1655 3
1	3	**8-Jun-04**	**324779.00**	**5994272.00**	**19.08**	**Top Rebar BM 1**
2	3	**8-Jun-04**	**324779.00**	**5994272.00**	**18.81**	**Btm Rebar Bm 1**
3	3	8-Jun-04	324702.56	5994319.20	14.06	STN2
4	3	8-Jun-04	324801.14	5994456.71	13.96	STN2
5	3	8-Jun-04	324799.41	5994447.85	1.25	TR1WL
6	3	8-Jun-04	324798.48	5994442.36	1.58	TR1
7	3	8-Jun-04	324797.95	5994438.34	1.80	TR1
8	3	8-Jun-04	324797.68	5994435.57	2.32	TR1
9	3	8-Jun-04	324796.73	5994430.35	2.54	TR1
10	3	8-Jun-04	324794.82	5994418.63	2.87	TR1
11	3	8-Jun-04	324794.06	5994410.77	3.72	TR1
12	3	8-Jun-04	324792.52	5994400.86	4.12	TR1
13	3	8-Jun-04	324791.13	5994391.68	4.59	TR1
14	3	8-Jun-04	324790.25	5994385.72	5.00	TR1

15	3	8-Jun-04	324789.09	5994379.75	5.14	TR1
16	3	8-Jun-04	324787.88	5994372.58	5.25	TR1
17	3	8-Jun-04	324787.04	5994366.87	5.43	TR1
18	3	8-Jun-04	324785.98	5994360.08	5.65	TR1
19	3	8-Jun-04	324785.45	5994357.23	5.84	TR1
20	3	8-Jun-04	324785.03	5994354.69	5.92	TR1
21	3	8-Jun-04	324784.63	5994352.26	6.04	TR1
22	3	8-Jun-04	324784.16	5994349.48	6.13	TR1
23	3	8-Jun-04	324783.71	5994347.13	6.25	TR1
24	3	8-Jun-04	324783.23	5994344.91	6.36	TR1
25	3	8-Jun-04	324782.90	5994342.64	6.49	TR1
26	3	8-Jun-04	324782.52	5994340.12	6.63	TR1
27	3	8-Jun-04	324782.38	5994338.51	6.79	TR1
28	3	8-Jun-04	324781.73	5994335.31	6.88	TR1
29	3	8-Jun-04	324781.61	5994334.13	7.12	TR1
30	3	8-Jun-04	324781.34	5994333.14	7.26	TR1DR
31	3	8-Jun-04	324781.15	5994332.58	7.42	TR1
32	3	8-Jun-04	324781.06	5994331.93	7.50	TR1
33	3	8-Jun-04	324780.87	5994330.95	7.66	TR1
34	3	8-Jun-04	324780.81	5994330.31	7.78	TR1
35	3	8-Jun-04	324780.72	5994329.50	7.84	TR1
36	3	8-Jun-04	324780.62	5994329.01	8.08	TR1
37	3	8-Jun-04	324780.53	5994328.20	8.14	TR1
38	3	8-Jun-04	324780.42	5994327.52	8.28	TR1
39	3	8-Jun-04	324780.30	5994326.84	8.37	TR1
40	3	8-Jun-04	324780.19	5994326.13	8.42	TR1
41	3	8-Jun-04	324780.09	5994325.33	8.50	TR1
42	3	8-Jun-04	324779.88	5994324.42	8.65	TR1
43	3	8-Jun-04	324779.74	5994322.54	8.68	TR1
44	3	8-Jun-04	324779.71	5994323.27	8.72	TR1
45	3	8-Jun-04	324779.71	5994323.08	8.86	TR1
46	3	8-Jun-04	324779.67	5994322.25	8.86	TR1
47	3	8-Jun-04	324779.65	5994322.00	8.60	TR1
48	3	8-Jun-04	324779.54	5994321.67	8.52	TR1
49	3	8-Jun-04	324779.47	5994321.22	8.56	TR1
50	3	8-Jun-04	324779.36	5994320.65	8.56	TR1
51	3	8-Jun-04	324779.23	5994320.03	8.60	TR1
52	3	8-Jun-04	324779.18	5994319.51	8.61	TR1
53	3	8-Jun-04	324779.14	5994318.95	8.62	TR1
54	3	8-Jun-04	324779.07	5994318.71	8.62	TR1
55	3	8-Jun-04	324778.97	5994318.34	8.58	TR1
56	3	8-Jun-04	324778.94	5994317.94	8.53	TR1
57	3	8-Jun-04	324778.80	5994317.24	8.50	TR1
58	3	8-Jun-04	324778.70	5994316.47	8.53	TR1
59	3	8-Jun-04	324778.48	5994315.11	8.60	TR1
60	3	8-Jun-04	324778.38	5994313.41	8.72	TR1
61	3	8-Jun-04	324778.21	5994311.92	8.95	TR1
62	3	8-Jun-04	324777.99	5994310.16	9.17	TR1
63	3	8-Jun-04	324777.85	5994308.76	9.43	TR1
64	3	8-Jun-04	324777.53	5994306.74	9.61	TR1
65	3	8-Jun-04	324777.42	5994305.43	9.84	TR1

66	3	8-Jun-04	324777.28	5994304.12	10.12	TR1
67	3	8-Jun-04	324777.09	5994302.47	10.41	TR1
68	3	8-Jun-04	324776.98	5994301.28	10.75	TR1
69	3	8-Jun-04	324776.65	5994299.79	11.16	TR1
70	3	8-Jun-04	324776.33	5994298.93	11.98	TR1
71	3	8-Jun-04	324776.13	5994298.15	12.51	TR1
72	3	8-Jun-04	324775.90	5994296.04	13.04	TR1
73	3	8-Jun-04	324775.77	5994295.20	14.61	TR1
74	3	8-Jun-04	324775.68	5994294.78	15.19	TR1
75	3	8-Jun-04	324775.44	5994294.18	15.56	TR1
76	3	8-Jun-04	324775.40	5994293.85	16.01	TR1
77	3	8-Jun-04	324775.18	5994292.99	16.09	TR1
78	3	8-Jun-04	324774.83	5994291.92	16.06	TR1
79	3	8-Jun-04	324774.63	5994291.10	16.06	TR1
80	3	8-Jun-04	324774.53	5994290.45	16.16	TR1
81	3	8-Jun-04	324774.43	5994290.07	16.42	TR1
82	3	8-Jun-04	324774.38	5994289.07	16.53	TR1
83	3	8-Jun-04	324774.21	5994287.83	16.59	TR1
84	3	8-Jun-04	324773.87	5994286.77	16.64	TR1
85	3	8-Jun-04	324773.84	5994286.32	16.57	TR1
86	3	8-Jun-04	324773.73	5994285.74	16.63	TR1
87	3	8-Jun-04	324773.16	5994283.18	16.53	TR1
88	3	8-Jun-04	324773.00	5994282.29	16.45	TR1
89	3	8-Jun-04	324772.86	5994281.54	16.58	TR1
90	3	8-Jun-04	324772.56	5994280.53	16.55	TR1
91	3	8-Jun-04	324772.40	5994278.88	16.64	TR1
92	3	8-Jun-04	324772.35	5994279.60	17.33	TR1
93	3	8-Jun-04	324771.98	5994269.59	17.12	TR1
94	3	8-Jun-04	324771.82	5994277.16	17.17	TR1
95	3	8-Jun-04	324771.76	5994275.50	17.62	TR1
96	3	8-Jun-04	324771.66	5994268.14	17.65	TR1
97	3	8-Jun-04	324771.45	5994274.46	16.86	TR1
98	3	8-Jun-04	324771.35	5994271.62	17.67	TR1
99	3	8-Jun-04	324771.27	5994266.11	17.21	TR1
100	3	8-Jun-04	324771.21	5994273.20	16.74	TR1
101	3	8-Jun-04	324771.16	5994265.37	17.33	TR1
102	3	8-Jun-04	324770.83	5994263.98	16.76	TR1
103	3	8-Jun-04	324770.52	5994262.87	16.92	TR1
104	3	8-Jun-04	324770.43	5994262.36	17.01	TR1
105	3	8-Jun-04	324770.35	5994262.16	17.11	TR1
106	3	8-Jun-04	324770.19	5994261.84	17.08	TR1
107	3	8-Jun-04	324769.98	5994261.30	16.94	TR1
108	3	8-Jun-04	324769.79	5994260.46	16.67	TR1
109	3	8-Jun-04	324769.47	5994259.18	16.61	TR1
110	3	8-Jun-04	324765.37	5994465.51	16.63	TR1P
111	3	8-Jun-04	324763.07	5994454.54	1.60	TR2WL
112	3	8-Jun-04	324761.74	5994448.03	1.80	TR2
113	3	8-Jun-04	324761.25	5994445.99	2.01	TR2
114	3	8-Jun-04	324760.72	5994443.06	2.23	TR2
115	3	8-Jun-04	324759.44	5994436.36	2.54	TR2
116	3	8-Jun-04	324757.40	5994428.48	3.07	TR2

117	3	8-Jun-04	324755.58	5994420.11	3.65	TR2
118	3	8-Jun-04	324753.04	5994409.22	4.11	TR2
119	3	8-Jun-04	324751.39	5994400.21	4.64	TR2
120	3	8-Jun-04	324749.17	5994388.98	4.99	TR2
121	3	8-Jun-04	324748.67	5994386.15	5.38	TR2
122	3	8-Jun-04	324748.25	5994384.26	5.49	TR2
123	3	8-Jun-04	324747.65	5994382.17	5.45	TR2
124	3	8-Jun-04	324747.12	5994379.62	5.45	TR2
125	3	8-Jun-04	324746.27	5994375.50	5.57	TR2
126	3	8-Jun-04	324745.73	5994371.44	5.77	TR2
127	3	8-Jun-04	324745.20	5994367.90	5.94	TR2
128	3	8-Jun-04	324744.43	5994364.09	6.01	TR2
129	3	8-Jun-04	324743.66	5994359.32	6.15	TR2
130	3	8-Jun-04	324743.39	5994357.34	6.39	TR2
131	3	8-Jun-04	324742.98	5994354.56	6.50	TR2
132	3	8-Jun-04	324742.37	5994351.84	6.69	TR2
133	3	8-Jun-04	324742.03	5994348.80	6.90	TR2
134	3	8-Jun-04	324741.91	5994347.59	7.09	TR2
135	3	8-Jun-04	324741.84	5994346.57	7.22	TR2DR
136	3	8-Jun-04	324741.60	5994345.41	7.38	TR2
137	3	8-Jun-04	324741.57	5994344.78	7.52	TR2
138	3	8-Jun-04	324741.44	5994343.89	7.63	TR2
139	3	8-Jun-04	324741.21	5994342.56	7.89	TR2
140	3	8-Jun-04	324741.09	5994341.54	7.90	TR2
141	3	8-Jun-04	324741.01	5994340.82	7.98	TR2
142	3	8-Jun-04	324740.91	5994340.33	8.10	TR2
143	3	8-Jun-04	324740.77	5994339.57	8.24	TR2
144	3	8-Jun-04	324740.44	5994336.07	8.49	TR2
145	3	8-Jun-04	324740.44	5994337.74	8.47	TR2
146	3	8-Jun-04	324740.38	5994336.49	8.90	TR2
147	3	8-Jun-04	324740.37	5994337.07	8.45	TR2
148	3	8-Jun-04	324740.25	5994334.83	8.67	TR2
149	3	8-Jun-04	324740.10	5994334.35	8.49	TR2
150	3	8-Jun-04	324740.05	5994333.98	8.37	TR2
151	3	8-Jun-04	324739.95	5994333.18	8.40	TR2
152	3	8-Jun-04	324739.83	5994332.68	8.49	TR2
153	3	8-Jun-04	324739.74	5994331.89	8.61	TR2
154	3	8-Jun-04	324739.69	5994331.35	8.81	TR2
155	3	8-Jun-04	324739.52	5994330.52	8.83	TR2
156	3	8-Jun-04	324739.32	5994329.63	8.90	TR2
157	3	8-Jun-04	324739.04	5994327.64	8.96	TR2
158	3	8-Jun-04	324738.75	5994325.93	9.12	TR2
159	3	8-Jun-04	324738.36	5994323.88	9.25	TR2
160	3	8-Jun-04	324737.99	5994322.09	9.47	TR2
161	3	8-Jun-04	324737.87	5994321.34	9.64	TR2
162	3	8-Jun-04	324737.80	5994320.47	9.73	TR2
163	3	8-Jun-04	324737.71	5994319.76	9.90	TR2
164	3	8-Jun-04	324737.32	5994318.37	10.05	TR2
165	3	8-Jun-04	324737.12	5994317.38	10.71	TR2
166	3	8-Jun-04	324736.72	5994315.49	11.03	TR2
167	3	8-Jun-04	324736.44	5994314.01	11.72	TR2

168	3	8-Jun-04	324736.26	5994313.00	12.39	TR2
169	3	8-Jun-04	324736.14	5994312.28	12.92	TR2
170	3	8-Jun-04	324735.97	5994311.77	13.24	TR2
171	3	8-Jun-04	324735.81	5994310.98	13.36	TR2
172	3	8-Jun-04	324735.60	5994310.10	13.34	TR2
173	3	8-Jun-04	324735.52	5994309.42	13.36	TR2
174	3	8-Jun-04	324735.34	5994308.73	13.50	TR2
175	3	8-Jun-04	324735.21	5994308.05	13.67	TR2
176	3	8-Jun-04	324735.00	5994306.79	13.66	TR2
177	3	8-Jun-04	324734.64	5994304.58	13.58	TR2
178	3	8-Jun-04	324734.36	5994303.03	13.57	TR2
179	3	8-Jun-04	324734.19	5994302.24	13.59	TR2
180	3	8-Jun-04	324734.01	5994301.42	13.74	TR2
181	3	8-Jun-04	324733.21	5994297.13	13.74	TR2
182	3	8-Jun-04	324732.26	5994293.73	13.57	TR2
183	3	8-Jun-04	324732.00	5994292.61	13.66	TR2
184	3	8-Jun-04	324731.83	5994291.47	13.76	TR2
185	3	8-Jun-04	324731.59	5994288.67	13.79	TR2
186	3	8-Jun-04	324731.09	5994284.71	13.46	TR2
187	3	8-Jun-04	324730.61	5994281.40	13.19	TR2
188	3	8-Jun-04	324730.44	5994279.46	12.94	TR2
189	3	8-Jun-04	324730.12	5994277.45	12.85	TR2
190	3	8-Jun-04	324729.70	5994275.35	13.01	TR2
191	3	8-Jun-04	324729.54	5994273.72	12.96	TR2
192	3	8-Jun-04	324729.21	5994270.91	13.09	TR2
193	3	8-Jun-04	324728.75	5994268.11	13.33	TR2
194	3	8-Jun-04	324728.24	5994265.50	13.71	TR2
195	3	8-Jun-04	324727.58	5994262.87	13.73	TR2
196	3	8-Jun-04	324727.27	5994260.09	13.64	TR2
197	3	8-Jun-04	324672.40	5994262.75	13.72	TR2P
198	3	8-Jun-04	324672.63	5994264.36	11.63	TR3P
199	3	8-Jun-04	324673.53	5994269.45	11.55	TR3
200	3	8-Jun-04	324673.93	5994271.86	11.45	TR3
201	3	8-Jun-04	324674.07	5994273.69	11.98	TR3
202	3	8-Jun-04	324674.47	5994276.29	12.33	TR3
203	3	8-Jun-04	324674.85	5994279.90	12.60	TR3
204	3	8-Jun-04	324675.32	5994282.69	12.65	TR3
205	3	8-Jun-04	324675.92	5994286.83	12.72	TR3
206	3	8-Jun-04	324676.55	5994290.97	12.85	TR3
207	3	8-Jun-04	324676.94	5994293.93	12.64	TR3
208	3	8-Jun-04	324677.52	5994297.27	12.44	TR3
209	3	8-Jun-04	324677.65	5994298.05	12.44	TR3
210	3	8-Jun-04	324677.74	5994298.99	12.56	TR3
211	3	8-Jun-04	324678.06	5994301.28	12.61	TR3
212	3	8-Jun-04	324678.65	5994304.39	12.63	TR3
213	3	8-Jun-04	324678.58	5994305.76	12.82	TR3
214	3	8-Jun-04	324680.00	5994308.50	12.90	TR3
215	3	8-Jun-04	324681.40	5994310.42	13.20	TR3
216	3	8-Jun-04	324683.76	5994314.75	13.12	TR3
217	3	8-Jun-04	324684.24	5994315.67	13.21	TR3
218	3	8-Jun-04	324684.41	5994316.22	13.38	TR3

219	3	8-Jun-04	324684.67	5994316.78	13.47	TR3
220	3	8-Jun-04	324684.95	5994317.50	13.61	TR3
221	3	8-Jun-04	324685.14	5994318.03	13.52	TR3
222	3	8-Jun-04	324685.42	5994318.77	13.02	TR3
223	3	8-Jun-04	324685.49	5994319.18	12.81	TR3
224	3	8-Jun-04	324685.73	5994319.88	12.69	TR3
225	3	8-Jun-04	324685.94	5994320.77	12.60	TR3
226	3	8-Jun-04	324686.04	5994321.08	12.54	TR3
227	3	8-Jun-04	324686.14	5994321.37	12.51	TR3
228	3	8-Jun-04	324686.12	5994321.83	12.49	TR3
229	3	8-Jun-04	324686.32	5994322.91	12.41	TR3
230	3	8-Jun-04	324686.49	5994323.82	12.03	TR3
231	3	8-Jun-04	324686.68	5994324.79	11.72	TR3
232	3	8-Jun-04	324686.85	5994325.77	11.46	TR3
233	3	8-Jun-04	324686.98	5994326.67	11.16	TR3
234	3	8-Jun-04	324687.23	5994328.31	10.40	TR3
235	3	8-Jun-04	324687.29	5994328.84	10.22	TR3
236	3	8-Jun-04	324687.33	5994329.62	9.87	TR3
237	3	8-Jun-04	324687.45	5994330.22	9.73	TR3
238	3	8-Jun-04	324687.92	5994334.06	9.07	TR3
239	3	8-Jun-04	324688.02	5994334.96	9.00	TR3
240	3	8-Jun-04	324688.20	5994336.21	8.90	TR3
241	3	8-Jun-04	324688.29	5994337.22	8.82	TR3
242	3	8-Jun-04	324688.38	5994337.87	8.82	TR3
243	3	8-Jun-04	324688.42	5994338.47	8.89	TR3
244	3	8-Jun-04	324688.61	5994339.22	8.75	TR3
245	3	8-Jun-04	324688.63	5994339.44	8.70	TR3
246	3	8-Jun-04	324688.67	5994339.75	8.67	TR3
247	3	8-Jun-04	324688.70	5994340.00	8.73	TR3
248	3	8-Jun-04	324688.74	5994340.61	8.86	TR3
249	3	8-Jun-04	324688.76	5994340.90	8.96	TR3
250	3	8-Jun-04	324688.87	5994341.37	9.06	TR3
251	3	8-Jun-04	324688.93	5994341.80	9.06	TR3
252	3	8-Jun-04	324689.05	5994342.58	9.00	TR3
253	3	8-Jun-04	324689.08	5994343.66	8.87	TR3
254	3	8-Jun-04	324689.32	5994345.67	8.51	TR3
255	3	8-Jun-04	324689.64	5994347.71	8.26	TR3
256	3	8-Jun-04	324689.75	5994348.56	8.12	TR3
257	3	8-Jun-04	324689.86	5994349.46	8.00	TR3
258	3	8-Jun-04	324690.01	5994350.41	7.88	TR3
259	3	8-Jun-04	324690.14	5994350.95	7.79	TR3
260	3	8-Jun-04	324690.22	5994351.76	7.66	TR3
261	3	8-Jun-04	324690.34	5994352.41	7.62	TR3
262	3	8-Jun-04	324690.50	5994353.44	7.45	TR3
263	3	8-Jun-04	324690.55	5994354.50	7.29	TR3
264	3	8-Jun-04	324690.60	5994356.44	7.08	TR3
265	3	8-Jun-04	324690.70	5994358.74	6.84	TR3
266	3	8-Jun-04	324690.71	5994359.50	6.83	TR3DR
267	3	8-Jun-04	324691.02	5994362.10	6.67	TR3
268	3	8-Jun-04	324691.52	5994365.30	6.47	TR3
269	3	8-Jun-04	324692.21	5994369.37	6.21	TR3

270	3	8-Jun-04	324692.80	5994375.16	5.91	TR3
271	3	8-Jun-04	324693.81	5994381.49	5.69	TR3
272	3	8-Jun-04	324694.91	5994392.31	5.35	TR3
273	3	8-Jun-04	324698.51	5994401.77	5.11	TR3
274	3	8-Jun-04	324699.45	5994408.33	5.01	TR3
275	3	8-Jun-04	324700.75	5994418.92	4.53	TR3
276	3	8-Jun-04	324701.54	5994426.30	4.20	TR3
277	3	8-Jun-04	324702.96	5994439.14	3.51	TR3
278	3	8-Jun-04	324704.77	5994447.21	2.87	TR3
279	3	8-Jun-04	324706.17	5994453.24	2.34	TR3
280	3	8-Jun-04	324706.86	5994457.28	1.94	TR3
281	3	8-Jun-04	324707.46	5994460.08	1.76	TR3
282	3	8-Jun-04	324707.89	5994462.11	1.64	TR3
283	3	8-Jun-04	324642.98	5994479.99	1.75	TR3WL
284	3	8-Jun-04	324641.86	5994474.52	2.01	TR4WL
285	3	8-Jun-04	324640.76	5994468.49	2.61	TR4
286	3	8-Jun-04	324638.94	5994458.63	3.34	TR4
287	3	8-Jun-04	324636.96	5994448.49	4.06	TR4
288	3	8-Jun-04	324635.21	5994438.94	4.51	TR4
289	3	8-Jun-04	324634.59	5994434.38	4.69	TR4
290	3	8-Jun-04	324634.14	5994432.52	4.77	TR4
291	3	8-Jun-04	324633.06	5994427.30	5.01	TR4
292	3	8-Jun-04	324634.79	5994425.47	5.24	TR4
293	3	8-Jun-04	324634.29	5994423.39	5.33	TR4
294	3	8-Jun-04	324633.77	5994421.43	5.39	TR4
295	3	8-Jun-04	324633.33	5994419.71	5.36	TR4
296	3	8-Jun-04	324633.07	5994418.68	5.32	TR4
297	3	8-Jun-04	324632.87	5994418.05	5.25	TR4
298	3	8-Jun-04	324632.33	5994415.07	5.33	TR4
299	3	8-Jun-04	324631.66	5994412.36	5.46	TR4
300	3	8-Jun-04	324631.14	5994409.80	5.48	TR4
301	3	8-Jun-04	324630.83	5994408.08	5.57	TR4
302	3	8-Jun-04	324629.41	5994402.63	5.91	TR4
303	3	8-Jun-04	324628.70	5994398.38	6.17	TR4
304	3	8-Jun-04	324628.19	5994395.85	6.34	TR4
305	3	8-Jun-04	324627.98	5994394.64	6.39	TR4
306	3	8-Jun-04	324627.74	5994393.11	6.54	TR4
307	3	8-Jun-04	324627.58	5994391.11	6.71	TR4
308	3	8-Jun-04	324627.26	5994389.56	6.89	TR4
309	3	8-Jun-04	324627.01	5994387.01	7.16	TR4
310	3	8-Jun-04	324626.66	5994385.65	7.26	TR4DR
311	3	8-Jun-04	324626.36	5994384.45	7.43	TR4
312	3	8-Jun-04	324626.16	5994383.38	7.61	TR4
313	3	8-Jun-04	324625.90	5994382.49	7.69	TR4
314	3	8-Jun-04	324625.72	5994381.91	7.89	TR4
315	3	8-Jun-04	324625.59	5994381.18	8.04	TR4
316	3	8-Jun-04	324625.61	5994381.67	7.98	TR4
317	3	8-Jun-04	324625.53	5994380.80	8.05	TR4
318	3	8-Jun-04	324625.28	5994379.21	8.09	TR4
319	3	8-Jun-04	324625.07	5994378.22	8.13	TR4
320	3	8-Jun-04	324624.90	5994376.99	8.37	TR4

321	3	8-Jun-04	324624.25	5994375.09	8.80	TR4
322	3	8-Jun-04	324623.87	5994372.99	9.07	TR4
323	3	8-Jun-04	324623.64	5994371.42	9.21	TR4
324	3	8-Jun-04	324623.41	5994370.55	9.33	TR4
325	3	8-Jun-04	324623.31	5994369.94	9.33	TR4
326	3	8-Jun-04	324623.22	5994369.58	9.38	TR4
327	3	8-Jun-04	324623.19	5994369.38	9.38	TR4
328	3	8-Jun-04	324623.03	5994369.03	9.27	TR4
329	3	8-Jun-04	324622.91	5994368.45	9.15	TR4
330	3	8-Jun-04	324622.57	5994366.98	9.17	TR4
331	3	8-Jun-04	324622.24	5994365.80	9.07	TR4
332	3	8-Jun-04	324623.58	5994367.65	9.20	TR4
333	3	8-Jun-04	324621.78	5994363.82	9.29	TR4
334	3	8-Jun-04	324621.57	5994362.94	9.38	TR4
335	3	8-Jun-04	324621.32	5994362.13	9.58	TR4
336	3	8-Jun-04	324621.26	5994361.39	9.77	TR4
337	3	8-Jun-04	324621.14	5994360.62	10.10	TR4
338	3	8-Jun-04	324620.97	5994359.87	10.60	TR4
339	3	8-Jun-04	324620.83	5994358.65	11.20	TR4
340	3	8-Jun-04	324620.80	5994359.08	11.01	TR4
341	3	8-Jun-04	324620.61	5994358.01	11.55	TR4
342	3	8-Jun-04	324620.50	5994357.13	11.90	TR4
343	3	8-Jun-04	324620.34	5994355.72	12.61	TR4
344	3	8-Jun-04	324620.21	5994354.09	13.84	TR4
345	3	8-Jun-04	324620.30	5994355.60	12.80	TR4
346	3	8-Jun-04	324620.11	5994353.16	13.97	TR4
347	3	8-Jun-04	324620.13	5994353.55	13.93	TR4
348	3	8-Jun-04	324620.22	5994355.10	13.28	TR4
349	3	8-Jun-04	324620.29	5994356.32	12.35	TR4
350	3	8-Jun-04	324620.14	5994354.56	13.62	TR4
351	3	8-Jun-04	324619.82	5994352.12	14.07	TR4
352	3	8-Jun-04	324619.54	5994351.39	14.21	TR4
353	3	8-Jun-04	324619.16	5994349.39	14.05	TR4
354	3	8-Jun-04	324618.89	5994348.48	13.99	TR4
355	3	8-Jun-04	324618.74	5994347.72	13.88	TR4
356	3	8-Jun-04	324618.39	5994346.80	13.76	TR4
357	3	8-Jun-04	324618.19	5994346.24	13.92	TR4
358	3	8-Jun-04	324617.97	5994345.03	14.09	TR4
359	3	8-Jun-04	324617.75	5994343.87	14.17	TR4
360	3	8-Jun-04	324617.36	5994342.54	14.44	TR4
361	3	8-Jun-04	324617.05	5994341.04	14.61	TR4
362	3	8-Jun-04	324616.77	5994339.72	14.65	TR4
363	3	8-Jun-04	324616.51	5994338.43	14.57	TR4
364	3	8-Jun-04	324615.91	5994336.69	14.68	TR4
365	3	8-Jun-04	324615.52	5994335.18	14.67	TR4
366	3	8-Jun-04	324615.24	5994334.29	14.63	TR4
367	3	8-Jun-04	324614.86	5994333.01	14.33	TR4
368	3	8-Jun-04	324614.96	5994333.01	13.78	TR4
369	3	8-Jun-04	324614.30	5994330.66	13.59	TR4
370	3	8-Jun-04	324613.65	5994329.11	13.80	TR4
371	3	8-Jun-04	324613.16	5994327.69	13.76	TR4

372	3	8-Jun-04	324612.78	5994326.51	13.56	TR4
373	3	8-Jun-04	324612.20	5994325.19	13.56	TR4
374	3	8-Jun-04	324611.61	5994323.34	13.58	TR4
375	3	8-Jun-04	324611.25	5994322.21	13.56	TR4
376	3	8-Jun-04	324610.97	5994321.38	13.56	TR4
377	3	8-Jun-04	324608.66	5994298.23	13.37	TR4
378	3	8-Jun-04	324609.15	5994304.15	14.13	TR4
379	3	8-Jun-04	324608.21	5994293.97	13.09	TR4
380	3	8-Jun-04	324608.85	5994301.53	13.65	TR4
381	3	8-Jun-04	324610.47	5994320.16	13.64	TR4
382	3	8-Jun-04	324607.94	5994291.93	13.13	TR4
383	3	8-Jun-04	324609.15	5994306.02	14.16	TR4
384	3	8-Jun-04	324609.25	5994307.20	14.15	TR4
385	3	8-Jun-04	324609.33	5994308.15	14.05	TR4
386	3	8-Jun-04	324609.53	5994310.42	14.15	TR4
387	3	8-Jun-04	324607.69	5994289.83	13.19	TR4
388	3	8-Jun-04	324607.56	5994288.86	13.15	TR4
389	3	8-Jun-04	324609.88	5994318.72	13.75	TR4
390	3	8-Jun-04	324606.99	5994285.75	12.71	TR4
391	3	8-Jun-04	324609.45	5994315.18	14.42	TR4
392	3	8-Jun-04	324609.44	5994317.48	14.03	TR4
393	3	8-Jun-04	324606.39	5994283.53	12.43	TR4
1	3	22-Jul-04	**324779.00**	**5994272.00**	**19.08**	**Top Rebar BM 1**
2	3	22-Jul-04	**324779.00**	**5994272.00**	**18.78**	**Btm Rebar BM 1**
3	3	22-Jul-04	324799.29	5994430.86	2.83	1SND
4	3	22-Jul-04	324793.70	5994399.50	4.66	1SND
5	3	22-Jul-04	324790.37	5994383.76	5.17	1SND
6	3	22-Jul-04	324788.19	5994368.97	5.44	1SND
7	3	22-Jul-04	324785.04	5994347.10	6.25	1HGTDLN
8	3	22-Jul-04	324784.58	5994344.74	6.40	1SND
9	3	22-Jul-04	324784.19	5994342.58	6.54	1SND
10	3	22-Jul-04	324782.55	5994334.16	7.33	1BKSHR
11	3	22-Jul-04	324782.47	5994333.42	7.33	1BKSHR
12	3	22-Jul-04	324782.32	5994332.27	7.50	1BKSHR
13	3	22-Jul-04	324782.26	5994331.59	7.70	1BKSHR
14	3	22-Jul-04	324781.98	5994330.42	7.84	1BKSHR
15	3	22-Jul-04	324781.90	5994329.43	8.07	1BKSHR
16	3	22-Jul-04	324781.75	5994328.74	8.20	1BKSHR
17	3	22-Jul-04	324781.55	5994327.08	8.71	1BKSHR
18	3	22-Jul-04	324781.46	5994326.46	8.91	1BKSHR
19	3	22-Jul-04	324781.25	5994325.48	8.76	1BKSHR
20	3	22-Jul-04	324781.02	5994324.38	8.73	1BKSHR
21	3	22-Jul-04	324780.59	5994322.38	8.88	1BKSHR
22	3	22-Jul-04	324780.53	5994321.73	8.72	1BKSHR
23	3	22-Jul-04	324780.46	5994320.93	8.52	1BKSHR
24	3	22-Jul-04	324780.36	5994319.57	8.56	1BKSHR
25	3	22-Jul-04	324779.86	5994318.52	8.59	1BKSHR
26	3	22-Jul-04	324779.66	5994316.59	8.47	1BKSHR
27	3	22-Jul-04	324779.43	5994315.26	8.82	1BKSHR
28	3	22-Jul-04	324779.10	5994313.29	9.15	1BKSHR
29	3	22-Jul-04	324778.72	5994310.41	9.48	1BKSHR

30	3	22-Jul-04	324777.70	5994305.91	10.27	1FRDN
31	3	22-Jul-04	324776.85	5994301.44	11.19	1FRDN
32	3	22-Jul-04	324776.59	5994299.12	12.47	1FRDN
33	3	22-Jul-04	324776.50	5994299.13	11.31	1FRDN
34	3	22-Jul-04	324776.05	5994296.22	14.24	1FRDN
35	3	22-Jul-04	324775.41	5994293.90	16.09	1FRDN
36	3	22-Jul-04	324774.83	5994291.12	16.07	1FRDN
37	3	22-Jul-04	324774.54	5994289.68	16.60	1BKDN
38	3	22-Jul-04	324772.84	5994281.23	16.54	1BKDN
39	3	22-Jul-04	324772.19	5994278.31	17.45	1BKDN
40	3	22-Jul-04	324771.48	5994274.98	17.63	1BKDN
41	3	22-Jul-04	324770.77	5994271.08	16.99	1BKDN
42	3	22-Jul-04	324770.16	5994266.48	16.51	1BKDN
43	3	22-Jul-04	324769.93	5994262.61	16.97	1BKDN
44	3	22-Jul-04	324769.68	5994261.46	16.64	1BKDN
45	3	22-Jul-04	324769.45	5994259.31	16.63	1BKDN
46	3	22-Jul-04	324756.72	5994436.67	2.86	2SND
47	3	22-Jul-04	324753.31	5994416.60	4.25	2SND
48	3	22-Jul-04	324748.14	5994385.66	5.36	2SND
49	3	22-Jul-04	324743.48	5994357.68	6.29	2HGTDLN
50	3	22-Jul-04	324742.59	5994352.13	6.69	2SND
51	3	22-Jul-04	324741.59	5994346.38	7.19	2SND
52	3	22-Jul-04	324740.83	5994341.98	7.83	2BKSHR
53	3	22-Jul-04	324740.60	5994340.58	8.20	2BKSHR
54	3	22-Jul-04	324740.28	5994338.63	8.17	2BKSHR
55	3	22-Jul-04	324740.03	5994337.56	8.36	2BKSHR
56	3	22-Jul-04	324739.83	5994336.14	8.95	2BKSHR
57	3	22-Jul-04	324739.64	5994335.29	9.01	2BKSHR
58	3	22-Jul-04	324739.46	5994334.03	8.81	2BKSHR
59	3	22-Jul-04	324739.21	5994332.33	8.61	2BKSHR
60	3	22-Jul-04	324739.01	5994331.64	8.43	2BKSHR
61	3	22-Jul-04	324738.70	5994330.17	8.68	2BKSHR
62	3	22-Jul-04	324738.46	5994328.79	8.80	2BKSHR
63	3	22-Jul-04	324737.90	5994326.01	9.14	2BKSHR
64	3	22-Jul-04	324737.30	5994322.22	9.60	2BKSHR
65	3	22-Jul-04	324737.05	5994320.07	9.85	2BKSHR
66	3	22-Jul-04	324736.19	5994316.79	10.75	2BKSHR
67	3	22-Jul-04	324735.86	5994314.62	11.50	2BKSHR
68	3	22-Jul-04	324735.64	5994312.85	12.19	2BKSHR
69	3	22-Jul-04	324735.39	5994311.37	13.10	2FRDN
70	3	22-Jul-04	324735.22	5994310.15	13.42	2FRDN
71	3	22-Jul-04	324734.95	5994308.37	13.29	2FRDN
72	3	22-Jul-04	324734.81	5994307.41	13.48	2FRDN
73	3	22-Jul-04	324734.68	5994306.98	13.66	2FRDN
74	3	22-Jul-04	324734.27	5994304.80	13.52	2FRDN
75	3	22-Jul-04	324733.84	5994301.98	13.59	2FRDN
76	3	22-Jul-04	324733.55	5994300.45	13.75	2FRDN
77	3	22-Jul-04	324732.63	5994294.66	13.56	2FRDN
78	3	22-Jul-04	324732.20	5994291.98	13.77	2FRDN
79	3	22-Jul-04	324732.05	5994290.71	13.69	2FRDN
80	3	22-Jul-04	324731.73	5994289.09	13.48	2BKDN

81	3	22-Jul-04	324731.24	5994285.99	13.25	2BKDN
82	3	22-Jul-04	324730.14	5994279.93	12.83	2BKDN
83	3	22-Jul-04	324729.42	5994275.30	12.92	2BKDN
84	3	22-Jul-04	324728.90	5994271.46	13.28	2BKDN
85	3	22-Jul-04	324728.66	5994269.62	13.59	2BKDN
86	3	22-Jul-04	324728.27	5994266.19	13.74	2BKDN
87	3	22-Jul-04	324728.00	5994264.30	13.56	2BKDN
88	3	22-Jul-04	324727.78	5994262.81	13.62	2BKDN
89	3	22-Jul-04	324727.55	5994261.37	13.78	2BKDN
90	3	22-Jul-04	324727.24	5994260.16	13.70	2BKDN
91	3	22-Jul-04	324672.65	5994260.96	11.63	3BKDN
92	3	22-Jul-04	324673.34	5994264.12	11.47	3BKDN
93	3	22-Jul-04	324673.85	5994267.41	11.44	3BKDN
94	3	22-Jul-04	324674.38	5994269.48	11.84	3BKDN
95	3	22-Jul-04	324674.73	5994271.29	12.31	3BKDN
96	3	22-Jul-04	324675.45	5994274.64	12.59	3BKDN
97	3	22-Jul-04	324676.57	5994279.70	12.75	3BKDN
98	3	22-Jul-04	324676.99	5994281.76	12.68	3BKDN
99	3	22-Jul-04	324677.41	5994283.91	12.90	3BKDN
100	3	22-Jul-04	324677.68	5994285.40	12.75	3BKDN
101	3	22-Jul-04	324678.42	5994288.33	12.98	3BKDN
102	3	22-Jul-04	324679.21	5994291.76	12.75	3BKDN
103	3	22-Jul-04	324679.67	5994293.90	12.63	3BKDN
104	3	22-Jul-04	324680.09	5994295.73	12.65	3BKDN
105	3	22-Jul-04	324680.46	5994297.79	12.76	3BKDN
106	3	22-Jul-04	324680.80	5994299.51	12.65	3BKDN
107	3	22-Jul-04	324681.71	5994302.95	12.94	3BKDN
108	3	22-Jul-04	324682.59	5994306.67	13.10	3BKDN
109	3	22-Jul-04	324683.30	5994309.62	13.42	3BKDN
110	3	22-Jul-04	324684.43	5994314.43	13.28	3BKDN
111	3	22-Jul-04	324685.00	5994316.72	13.17	3FRDN
112	3	22-Jul-04	324685.34	5994318.52	13.45	3FRDN
113	3	22-Jul-04	324685.74	5994319.45	13.64	3FRDN
114	3	22-Jul-04	324685.76	5994320.25	13.42	3FRDN
115	3	22-Jul-04	324686.12	5994322.09	12.58	3FRDN
116	3	22-Jul-04	324686.47	5994323.85	12.51	3FRDN
117	3	22-Jul-04	324686.94	5994326.35	11.77	3FRDN
118	3	22-Jul-04	324687.19	5994328.06	11.36	3FRDN
119	3	22-Jul-04	324687.61	5994330.44	10.31	3FRDN
120	3	22-Jul-04	324687.92	5994332.26	9.73	3FRDN
121	3	22-Jul-04	324688.33	5994334.29	9.39	3BKSHR
122	3	22-Jul-04	324688.82	5994337.65	8.91	3BKSHR
123	3	22-Jul-04	324688.98	5994339.51	8.70	3BKSHR
124	3	22-Jul-04	324689.12	5994340.48	8.96	3BKSHR
125	3	22-Jul-04	324689.32	5994341.56	8.65	3BKSHR
126	3	22-Jul-04	324689.41	5994342.77	8.97	3BKSHR
127	3	22-Jul-04	324689.68	5994344.02	9.18	3BKSHR
128	3	22-Jul-04	324690.00	5994346.22	8.89	3BKSHR
129	3	22-Jul-04	324690.37	5994348.52	8.33	3BKSHR
130	3	22-Jul-04	324690.57	5994350.27	8.15	3BKSHR
131	3	22-Jul-04	324690.82	5994351.83	7.96	3SND

132	3	22-Jul-04	324690.86	5994353.03	7.50	3SND
133	3	22-Jul-04	324690.96	5994353.87	7.57	3SND
134	3	22-Jul-04	324691.05	5994354.52	7.65	3SND
135	3	22-Jul-04	324691.10	5994355.12	7.74	3SND
136	3	22-Jul-04	324691.39	5994356.75	7.33	3SND
137	3	22-Jul-04	324691.58	5994357.76	7.16	3SND
138	3	22-Jul-04	324691.78	5994359.36	7.09	3SND
139	3	22-Jul-04	324692.94	5994366.40	6.41	3SND
140	3	22-Jul-04	324693.01	5994368.42	6.27	3SND
141	3	22-Jul-04	324693.79	5994374.66	6.03	3SND
142	3	22-Jul-04	324697.07	5994399.95	5.20	3SND
143	3	22-Jul-04	324700.17	5994419.30	4.51	3SND
144	3	22-Jul-04	324702.85	5994436.08	3.65	3SND
145	3	22-Jul-04	324704.85	5994456.29	1.96	3SND
146	3	22-Jul-04	324639.72	5994462.51	1.85	4SND
147	3	22-Jul-04	324640.85	5994452.00	3.12	4SND
148	3	22-Jul-04	324638.75	5994439.50	4.02	4SND
149	3	22-Jul-04	324635.55	5994421.96	4.83	4SND
150	3	22-Jul-04	324632.21	5994402.49	5.48	4SND
151	3	22-Jul-04	324628.50	5994381.73	6.34	4SND
152	3	22-Jul-04	324627.87	5994378.34	6.76	4SND
153	3	22-Jul-04	324627.38	5994375.99	6.95	4BKSHR
154	3	22-Jul-04	324627.13	5994374.11	7.14	4BKSHR
155	3	22-Jul-04	324626.70	5994372.41	7.48	4BKSHR
156	3	22-Jul-04	324626.41	5994371.05	7.48	4BKSHR
157	3	22-Jul-04	324626.04	5994369.40	7.97	4BKSHR
158	3	22-Jul-04	324625.77	5994367.90	8.18	4BKSHR
159	3	22-Jul-04	324625.52	5994366.30	8.26	4BKSHR
160	3	22-Jul-04	324625.37	5994365.17	8.09	4BKSHR
161	3	22-Jul-04	324625.12	5994364.43	8.31	4BKSHR
162	3	22-Jul-04	324624.97	5994363.53	8.36	4BKSHR
163	3	22-Jul-04	324624.87	5994363.24	8.31	4BKSHR
164	3	22-Jul-04	324624.72	5994362.29	8.66	4BKSHR
165	3	22-Jul-04	324624.59	5994361.46	8.55	4BKSHR
166	3	22-Jul-04	324624.46	5994360.77	9.15	4BKSHR
167	3	22-Jul-04	324624.12	5994359.54	9.40	4BKSHR
168	3	22-Jul-04	324623.94	5994358.40	9.19	4BKSHR
169	3	22-Jul-04	324623.73	5994356.82	9.02	4BKSHR
170	3	22-Jul-04	324623.53	5994355.49	8.99	4BKSHR
171	3	22-Jul-04	324623.39	5994354.27	9.20	4BKSHR
172	3	22-Jul-04	324623.29	5994353.04	9.77	4BKSHR
173	3	22-Jul-04	324623.02	5994352.14	10.11	4BKSHR
174	3	22-Jul-04	324622.77	5994350.58	9.96	4BKSHR
175	3	22-Jul-04	324622.61	5994348.41	10.17	4BKSHR
176	3	22-Jul-04	324622.40	5994347.41	10.48	4BKSHR
177	3	22-Jul-04	324622.27	5994346.60	10.79	4BKSHR
178	3	22-Jul-04	324622.11	5994345.44	11.47	4BKSHR
179	3	22-Jul-04	324621.95	5994344.19	12.00	4FRDN
180	3	22-Jul-04	324621.74	5994342.97	12.56	4FRDN
181	3	22-Jul-04	324621.56	5994341.55	13.15	4FRDN
182	3	22-Jul-04	324621.29	5994340.41	13.53	4FRDN

183	3	22-Jul-04	324621.11	5994339.65	13.59	4FRDN
184	3	22-Jul-04	324620.91	5994338.51	13.26	4FRDN
185	3	22-Jul-04	324620.72	5994337.65	12.99	4FRDN
186	3	22-Jul-04	324620.56	5994336.83	12.95	4FRDN
187	3	22-Jul-04	324620.32	5994335.87	13.17	4FRDN
188	3	22-Jul-04	324620.02	5994334.47	13.42	4BKDN
189	3	22-Jul-04	324619.79	5994333.11	13.81	4BKDN
190	3	22-Jul-04	324619.32	5994331.07	13.88	4BKDN
191	3	22-Jul-04	324618.68	5994328.28	13.89	4BKDN
192	3	22-Jul-04	324618.11	5994325.93	14.13	4BKDN
193	3	22-Jul-04	324617.59	5994323.45	13.90	4BKDN
194	3	22-Jul-04	324617.14	5994321.06	14.00	4BKDN
195	3	22-Jul-04	324616.40	5994318.05	14.07	4BKDN
196	3	22-Jul-04	324615.96	5994315.64	13.79	4BKDN
197	3	22-Jul-04	324615.56	5994313.57	13.48	4BKDN
198	3	22-Jul-04	324615.35	5994312.18	13.36	4BKDN
199	3	22-Jul-04	324614.86	5994310.34	13.03	4BKDN
200	3	22-Jul-04	324614.60	5994308.98	13.06	4BKDN
201	3	22-Jul-04	324613.82	5994305.43	13.00	4BKDN
202	3	22-Jul-04	324613.40	5994303.65	13.16	4BKDN
203	3	22-Jul-04	324613.19	5994302.79	13.33	4BKDN
204	3	22-Jul-04	324612.93	5994301.80	13.67	4BKDN
205	3	22-Jul-04	324612.20	5994299.09	13.98	4BKDN
206	3	22-Jul-04	324612.05	5994298.01	13.94	4BKDN
207	3	22-Jul-04	324611.82	5994297.05	13.83	4BKDN
208	3	22-Jul-04	324611.52	5994295.95	13.92	4BKDN
209	3	22-Jul-04	324611.31	5994295.24	14.08	4BKDN
210	3	22-Jul-04	324611.01	5994293.85	14.20	4BKDN
211	3	22-Jul-04	324610.62	5994292.39	14.14	4BKDN
212	3	22-Jul-04	324610.32	5994290.98	13.83	4BKDN
213	3	22-Jul-04	324610.10	5994289.58	13.94	4BKDN
214	3	22-Jul-04	324609.75	5994288.04	13.91	4BKDN
215	3	22-Jul-04	324609.39	5994285.74	13.50	4BKDN
216	3	22-Jul-04	324609.26	5994285.06	13.45	4BKDN
217	3	22-Jul-04	324609.07	5994284.14	13.52	4BKDN
218	3	22-Jul-04	324608.90	5994282.79	13.41	4BKDN
219	3	22-Jul-04	324608.63	5994281.56	13.19	4BKDN
220	3	22-Jul-04	324608.43	5994280.21	13.21	4BKDN
221	3	22-Jul-04	324607.89	5994278.25	13.09	4BKDN
222	3	22-Jul-04	324607.23	5994274.89	13.18	4BKDN
223	3	22-Jul-04	324606.36	5994270.41	12.61	4BKDN
224	3	22-Jul-04	324606.10	5994268.78	12.41	4BKDN
1	**3**	**16-Feb-05**	**324779.00**	**5994272.00**	**19.08**	**Top Rebar BM 1**
2	**3**	**16-Feb-05**	**324779.00**	**5994272.00**	**18.77**	**Btm Rebar BM 1**
3	3	16-Feb-05	324769.26	5994259.29	16.75	LINE 1
4	3	16-Feb-05	324769.61	5994260.86	16.80	LINE 1
5	3	16-Feb-05	324769.66	5994261.80	16.92	LINE 1
6	3	16-Feb-05	324769.82	5994262.78	17.07	LINE 1
7	3	16-Feb-05	324769.97	5994263.67	16.90	LINE 1
8	3	16-Feb-05	324770.24	5994265.24	16.83	LINE 1
9	3	16-Feb-05	324770.51	5994266.52	16.79	LINE 1

10	3	16-Feb-05	324770.79	5994268.23	16.92	LINE 1
11	3	16-Feb-05	324771.05	5994269.47	17.09	LINE 1
12	3	16-Feb-05	324771.32	5994271.24	17.29	LINE 1
13	3	16-Feb-05	324771.69	5994273.19	17.66	LINE 1
14	3	16-Feb-05	324771.97	5994274.37	17.90	LINE 1
15	3	16-Feb-05	324772.28	5994275.87	17.89	LINE 1
16	3	16-Feb-05	324772.58	5994277.99	17.52	LINE 1
17	3	16-Feb-05	324772.67	5994278.77	17.45	LINE 1
18	3	16-Feb-05	324772.82	5994279.78	17.04	LINE 1
19	3	16-Feb-05	324772.94	5994280.77	16.74	LINE 1
20	3	16-Feb-05	324773.16	5994282.46	16.73	LINE 1
21	3	16-Feb-05	324773.24	5994283.16	16.62	LINE 1
22	3	16-Feb-05	324773.33	5994284.18	16.77	LINE 1
23	3	16-Feb-05	324773.61	5994285.44	16.85	LINE 1
24	3	16-Feb-05	324773.83	5994286.64	16.75	LINE 1
25	3	16-Feb-05	324774.04	5994287.78	16.77	LINE 1
26	3	16-Feb-05	324773.99	5994288.80	16.63	LINE 1
27	3	16-Feb-05	324775.05	5994291.87	16.07	LINE 1
28	3	16-Feb-05	324774.78	5994291.26	16.18	LINE 1
29	3	16-Feb-05	324774.25	5994290.01	16.58	LINE 1
30	3	16-Feb-05	324774.53	5994290.69	16.36	LINE 1
31	3	16-Feb-05	324775.18	5994292.61	16.24	LINE 1
32	3	16-Feb-05	324775.33	5994293.14	16.32	LINE 1CRST
33	3	16-Feb-05	324775.58	5994293.90	16.02	LINE 1FDN
34	3	16-Feb-05	324775.72	5994294.53	15.59	LINE 1SCRP
35	3	16-Feb-05	324775.85	5994295.37	15.01	LINE 1SCRP
36	3	16-Feb-05	324776.08	5994296.39	14.24	LINE 1SCRP
37	3	16-Feb-05	324776.12	5994297.19	13.71	LINE 1RMP
38	3	16-Feb-05	324776.11	5994297.24	13.71	LINE 1SCRP
39	3	16-Feb-05	324776.32	5994298.25	13.00	LINE 1RMP
40	3	16-Feb-05	324776.49	5994299.45	12.25	LINE 1RMP
41	3	16-Feb-05	324776.68	5994300.25	11.99	LINE 1RMP
42	3	16-Feb-05	324776.78	5994300.95	11.59	LINE 1RMP
43	3	16-Feb-05	324776.94	5994302.39	10.99	LINE 1RMP
44	3	16-Feb-05	324777.29	5994304.21	10.46	LINE 1RMP
45	3	16-Feb-05	324777.52	5994306.06	9.95	LINE 1RMP
46	3	16-Feb-05	324777.96	5994307.55	9.60	LINE 1RMP
47	3	16-Feb-05	324778.19	5994308.99	9.35	LINE 1RMP
48	3	16-Feb-05	324778.44	5994310.19	9.18	LINE 1DSM
49	3	16-Feb-05	324778.88	5994311.67	9.04	LINE 1DSM
50	3	16-Feb-05	324779.06	5994312.97	8.95	LINE 1DSM
51	3	16-Feb-05	324779.16	5994313.84	9.01	LINE 1DSM
52	3	16-Feb-05	324779.34	5994314.84	8.97	LINE 1DSM
53	3	16-Feb-05	324779.64	5994316.48	8.80	LINE 1DSM
54	3	16-Feb-05	324779.82	5994317.67	8.52	LINE 1DSM
55	3	16-Feb-05	324780.07	5994319.01	8.39	LINE 1DSM
56	3	16-Feb-05	324780.01	5994319.05	8.38	LINE 1DSM
57	3	16-Feb-05	324780.39	5994320.50	8.42	LINE 1DSM
58	3	16-Feb-05	324780.68	5994321.54	8.67	LINE 1DSM
59	3	16-Feb-05	324780.75	5994322.52	8.89	LINE 1DSM
60	3	16-Feb-05	324780.95	5994323.44	8.85	LINE 1DSM

61	3	16-Feb-05	324781.48	5994324.98	7.84	LINE 1BCH
62	3	16-Feb-05	324781.08	5994324.14	8.27	LINE 1BCH
63	3	16-Feb-05	324781.64	5994326.12	6.98	LINE 1BCH
64	3	16-Feb-05	324781.68	5994326.78	6.80	LINE 1BCH
65	3	16-Feb-05	324781.67	5994329.13	6.48	LINE 1BCH
66	3	16-Feb-05	324781.86	5994330.59	6.37	LINE 1BCH
67	3	16-Feb-05	324782.45	5994334.45	6.05	LINE 1BCH
68	3	16-Feb-05	324782.98	5994338.22	5.75	LINE 1BCH
69	3	16-Feb-05	324784.57	5994344.19	5.61	LINE 1BCH
70	3	16-Feb-05	324785.25	5994348.36	5.45	LINE 1BCH
71	3	16-Feb-05	324785.68	5994351.70	5.43	LINE 1BCH
72	3	16-Feb-05	324786.08	5994353.87	5.55	LINE 1BCH
73	3	16-Feb-05	324786.51	5994356.07	5.71	LINE 1BCH
74	3	16-Feb-05	324787.10	5994360.19	5.66	LINE 1BCH
75	3	16-Feb-05	324787.86	5994365.70	5.46	LINE 1BCH
76	3	16-Feb-05	324789.21	5994373.02	5.13	LINE 1BCH
77	3	16-Feb-05	324790.62	5994381.62	4.71	LINE 1BCH
78	3	16-Feb-05	324793.48	5994393.01	4.05	LINE 1BCH
79	3	16-Feb-05	324794.87	5994402.37	3.59	LINE 1BCH
80	3	16-Feb-05	324796.16	5994412.07	3.15	LINE 1OWL
81	3	16-Feb-05	324727.57	5994258.72	13.91	LINE 2
82	3	16-Feb-05	324727.71	5994260.00	13.94	LINE 2
83	3	16-Feb-05	324728.05	5994262.06	13.78	LINE 2
84	3	16-Feb-05	324728.49	5994265.73	13.90	LINE 2
85	3	16-Feb-05	324729.06	5994269.33	13.55	LINE 2
86	3	16-Feb-05	324729.26	5994271.61	13.33	LINE 2
87	3	16-Feb-05	324729.90	5994275.84	13.20	LINE 2
88	3	16-Feb-05	324730.65	5994282.04	13.30	LINE 2
89	3	16-Feb-05	324731.35	5994286.51	13.61	LINE 2
90	3	16-Feb-05	324732.08	5994290.98	13.93	LINE 2
91	3	16-Feb-05	324733.04	5994297.27	13.94	LINE 2
92	3	16-Feb-05	324733.95	5994304.18	13.74	LINE 2
93	3	16-Feb-05	324734.87	5994309.05	13.55	LINE 2CRST
94	3	16-Feb-05	324734.67	5994308.87	13.64	LINE 2RMP
95	3	16-Feb-05	324734.81	5994309.97	13.20	LINE 2RMP
96	3	16-Feb-05	324735.01	5994311.05	12.54	LINE 2RMP
97	3	16-Feb-05	324735.27	5994312.27	12.04	LINE 2RMP
98	3	16-Feb-05	324735.82	5994314.57	11.21	LINE 2RMP
99	3	16-Feb-05	324736.15	5994316.96	10.44	LINE 2RMP
100	3	16-Feb-05	324736.54	5994318.93	9.79	LINE 2RMP
101	3	16-Feb-05	324736.52	5994318.95	9.80	LINE 2DSM
102	3	16-Feb-05	324736.75	5994319.88	9.62	LINE 2DSM
103	3	16-Feb-05	324736.93	5994321.18	9.62	LINE 2DSM
104	3	16-Feb-05	324737.07	5994322.44	9.49	LINE 2DSM
105	3	16-Feb-05	324737.36	5994323.81	9.28	LINE 2DSM
106	3	16-Feb-05	324737.57	5994325.20	9.06	LINE 2DSM
107	3	16-Feb-05	324737.81	5994326.70	8.82	LINE 2DSM
108	3	16-Feb-05	324738.05	5994327.94	9.01	LINE 2DSM
109	3	16-Feb-05	324738.81	5994330.90	7.24	LINE 2DSM
110	3	16-Feb-05	324738.22	5994329.48	8.81	LINE 2DSM
111	3	16-Feb-05	324738.77	5994331.59	6.99	LINE 2DSM

112	3	16-Feb-05	324738.87	5994333.05	6.80	LINE 2DSM
113	3	16-Feb-05	324739.07	5994334.33	6.54	LINE 2DSM
114	3	16-Feb-05	324739.37	5994336.17	6.47	LINE 2BCH
115	3	16-Feb-05	324740.30	5994339.78	6.21	LINE 2BCH
116	3	16-Feb-05	324740.05	5994339.58	6.22	LINE 2BCH
117	3	16-Feb-05	324740.88	5994344.70	5.78	LINE 2BCH
118	3	16-Feb-05	324741.30	5994347.03	5.69	LINE 2BCH
119	3	16-Feb-05	324742.05	5994351.67	5.57	LINE 2BCH
120	3	16-Feb-05	324742.72	5994354.28	5.43	LINE 2BCH
121	3	16-Feb-05	324743.22	5994356.49	5.53	LINE 2BCH
122	3	16-Feb-05	324743.30	5994357.16	5.71	LINE 2BCH
123	3	16-Feb-05	324743.62	5994358.63	5.75	LINE 2BCH
124	3	16-Feb-05	324744.64	5994364.96	5.68	LINE 2BCH
125	3	16-Feb-05	324745.24	5994368.46	5.54	LINE 2BCH
126	3	16-Feb-05	324746.59	5994376.94	5.23	LINE 2BCH
127	3	16-Feb-05	324748.34	5994386.41	4.77	LINE 2BCH
128	3	16-Feb-05	324750.05	5994395.47	4.26	LINE 2BCH
129	3	16-Feb-05	324751.92	5994406.53	3.73	LINE 2BCH
130	3	16-Feb-05	324753.25	5994414.53	3.26	LINE 2OWL
131	3	16-Feb-05	324672.27	5994263.57	11.71	LINE 3
132	3	16-Feb-05	324672.92	5994268.62	11.71	LINE 3
133	3	16-Feb-05	324673.39	5994272.04	12.07	LINE 3
134	3	16-Feb-05	324673.77	5994274.74	12.53	LINE 3
135	3	16-Feb-05	324674.12	5994277.91	12.94	LINE 3
136	3	16-Feb-05	324674.64	5994282.46	12.98	LINE 3
137	3	16-Feb-05	324675.31	5994287.06	13.06	LINE 3
138	3	16-Feb-05	324675.82	5994290.72	12.97	LINE 3
139	3	16-Feb-05	324676.18	5994293.12	12.69	LINE 3
140	3	16-Feb-05	324676.52	5994296.18	12.66	LINE 3
141	3	16-Feb-05	324677.18	5994300.24	12.82	LINE 3
142	3	16-Feb-05	324677.82	5994304.63	12.93	LINE 3
143	3	16-Feb-05	324678.20	5994308.22	13.14	LINE 3
144	3	16-Feb-05	324678.78	5994311.85	13.38	LINE 3
145	3	16-Feb-05	324680.17	5994317.67	13.43	LINE 3
146	3	16-Feb-05	324680.59	5994320.19	13.25	LINE 3
147	3	16-Feb-05	324680.76	5994321.35	13.12	LINE 3
148	3	16-Feb-05	324681.00	5994322.80	13.23	LINE 3
149	3	16-Feb-05	324681.21	5994324.28	13.53	LINE 3
150	3	16-Feb-05	324681.52	5994326.46	13.49	LINE 3
151	3	16-Feb-05	324681.83	5994328.36	13.51	LINE 3
152	3	16-Feb-05	324681.96	5994329.34	13.64	LINE 3CRST
153	3	16-Feb-05	324682.13	5994330.33	12.95	LINE 3RMP
154	3	16-Feb-05	324682.22	5994331.10	12.25	LINE 3RMP
155	3	16-Feb-05	324682.45	5994332.08	11.89	LINE 3RMP
156	3	16-Feb-05	324682.64	5994333.54	11.47	LINE 3RMP
157	3	16-Feb-05	324682.84	5994334.78	11.19	LINE 3RMP
158	3	16-Feb-05	324683.11	5994336.05	10.72	LINE 3RMP
159	3	16-Feb-05	324683.23	5994336.61	10.16	LINE 3RMP
160	3	16-Feb-05	324683.29	5994337.25	9.96	LINE 3DSM
161	3	16-Feb-05	324683.44	5994337.99	9.81	LINE 3DSM
162	3	16-Feb-05	324683.47	5994339.03	9.40	LINE 3DSM

163	3	16-Feb-05	324683.87	5994340.41	9.03	LINE 3DSM
164	3	16-Feb-05	324684.08	5994341.80	8.68	LINE 3DSM
165	3	16-Feb-05	324684.25	5994342.96	8.42	LINE 3DSM
166	3	16-Feb-05	324684.54	5994343.98	8.30	LINE 3DSM
167	3	16-Feb-05	324684.55	5994344.44	8.00	LINE 3DSM
168	3	16-Feb-05	324684.52	5994344.78	7.69	LINE 3BCH
169	3	16-Feb-05	324684.73	5994346.44	7.38	LINE 3BCH
170	3	16-Feb-05	324684.82	5994346.95	7.10	LINE 3BCH
171	3	16-Feb-05	324685.28	5994349.65	6.79	LINE 3BCH
172	3	16-Feb-05	324685.73	5994353.10	6.42	LINE 3BCH
173	3	16-Feb-05	324686.18	5994355.90	6.08	LINE 3BCH
174	3	16-Feb-05	324686.74	5994358.94	5.82	LINE 3BCH
175	3	16-Feb-05	324687.24	5994361.21	5.64	LINE 3BCH
176	3	16-Feb-05	324687.69	5994364.37	5.58	LINE 3BCH
177	3	16-Feb-05	324688.37	5994368.61	5.53	LINE 3BCH
178	3	16-Feb-05	324689.14	5994372.93	5.40	LINE 3BCH
179	3	16-Feb-05	324690.03	5994376.99	5.48	LINE 3BCH
180	3	16-Feb-05	324690.97	5994381.52	5.46	LINE 3BCH
181	3	16-Feb-05	324692.24	5994388.77	5.21	LINE 3BCH
182	3	16-Feb-05	324692.73	5994392.54	5.06	LINE 3BCH
183	3	16-Feb-05	324693.65	5994398.25	4.79	LINE 3BCH
184	3	16-Feb-05	324694.92	5994405.34	4.40	LINE 3BCH
185	3	16-Feb-05	324695.98	5994411.40	4.05	LINE 3BCH
186	3	16-Feb-05	324697.30	5994418.48	3.69	LINE 3BCH
187	3	16-Feb-05	324698.39	5994425.04	3.32	LINE 3BCH
188	3	16-Feb-05	324699.23	5994431.04	3.02	LINE 3OWL
189	3	16-Feb-05	324605.91	5994269.85	12.42	LINE 4
190	3	16-Feb-05	324606.26	5994272.06	12.70	LINE 4
191	3	16-Feb-05	324606.82	5994275.01	13.07	LINE 4
192	3	16-Feb-05	324607.47	5994278.41	13.17	LINE 4
193	3	16-Feb-05	324607.99	5994281.68	13.22	LINE 4
194	3	16-Feb-05	324608.53	5994284.47	13.53	LINE 4
195	3	16-Feb-05	324609.16	5994286.72	13.61	LINE 4
196	3	16-Feb-05	324609.55	5994289.26	14.11	LINE 4
197	3	16-Feb-05	324609.76	5994291.18	14.08	LINE 4
198	3	16-Feb-05	324610.20	5994292.68	14.15	LINE 4
199	3	16-Feb-05	324610.56	5994294.36	14.34	LINE 4
200	3	16-Feb-05	324610.87	5994296.45	14.24	LINE 4
201	3	16-Feb-05	324611.21	5994298.00	13.95	LINE 4
202	3	16-Feb-05	324611.54	5994299.97	14.18	LINE 4
203	3	16-Feb-05	324611.93	5994302.43	13.91	LINE 4
204	3	16-Feb-05	324612.35	5994305.02	13.34	LINE 4
205	3	16-Feb-05	324612.88	5994308.04	13.05	LINE 4
206	3	16-Feb-05	324613.46	5994310.92	13.08	LINE 4
207	3	16-Feb-05	324613.80	5994312.87	13.31	LINE 4
208	3	16-Feb-05	324614.51	5994316.20	13.83	LINE 4
209	3	16-Feb-05	324615.13	5994319.17	14.31	LINE 4
210	3	16-Feb-05	324615.75	5994322.52	14.30	LINE 4
211	3	16-Feb-05	324616.60	5994326.27	14.19	LINE 4
212	3	16-Feb-05	324617.29	5994329.84	14.21	LINE 4
213	3	16-Feb-05	324617.92	5994333.40	14.05	LINE 4

214	3	16-Feb-05	324618.53	5994336.03	13.72	LINE 4
215	3	16-Feb-05	324619.22	5994339.57	13.63	LINE 4
216	3	16-Feb-05	324619.57	5994341.79	13.65	LINE 4STOS
217	3	16-Feb-05	324619.76	5994342.55	13.56	LINE 4STOS
218	3	16-Feb-05	324619.92	5994343.34	13.22	LINE 4STOS
219	3	16-Feb-05	324620.09	5994344.41	12.59	LINE 4STOS
220	3	16-Feb-05	324620.25	5994345.43	12.13	LINE 4STOS
221	3	16-Feb-05	324620.54	5994347.30	11.25	LINE 4STOS
222	3	16-Feb-05	324620.70	5994349.15	10.48	LINE 4TOE
223	3	16-Feb-05	324621.06	5994350.93	10.05	LINE 4SCRP
224	3	16-Feb-05	324621.34	5994352.74	9.82	LINE 4SCRP
225	3	16-Feb-05	324621.42	5994353.56	8.63	LINE 4SCRP
226	3	16-Feb-05	324621.45	5994354.38	7.81	LINE 4SCRP
227	3	16-Feb-05	324621.71	5994355.21	7.24	LINE 4BCH
228	3	16-Feb-05	324621.93	5994357.03	6.97	LINE 4BCH
229	3	16-Feb-05	324622.28	5994359.17	6.67	LINE 4BCH
230	3	16-Feb-05	324622.87	5994363.21	6.23	LINE 4BCH
231	3	16-Feb-05	324623.50	5994367.46	5.88	LINE 4BCH
232	3	16-Feb-05	324624.12	5994371.05	5.61	LINE 4BCH
233	3	16-Feb-05	324624.49	5994373.37	5.58	LINE 4BCH
234	3	16-Feb-05	324625.38	5994377.82	5.50	LINE 4BCH
235	3	16-Feb-05	324626.29	5994383.09	5.49	LINE 4BCH
236	3	16-Feb-05	324627.21	5994389.56	5.40	LINE 4BCH
237	3	16-Feb-05	324627.81	5994393.79	5.36	LINE 4BCH
238	3	16-Feb-05	324628.49	5994398.24	5.22	LINE 4BCH
239	3	16-Feb-05	324629.67	5994404.91	4.90	LINE 4BCH
240	3	16-Feb-05	324630.86	5994412.20	4.44	LINE 4OWL
241	3	16-Feb-05	324632.14	5994420.27	3.91	LINE 4OWL
242	3	16-Feb-05	324633.29	5994428.57	3.44	LINE 4OWL
243	3	16-Feb-05	324634.41	5994436.80	2.96	LINE 4OWL
1	3	**11-May-05**	**324779.00**	**5994272.00**	**19.08**	**Top Rebar BM 1**
2	3	**11-May-05**	**324779.00**	**5994272.00**	**18.80**	**Btm Rebar BM 1**
3	3	11-May-05	324769.93	5994258.91	16.73	LN 1
4	3	11-May-05	324770.18	5994260.52	16.80	LN 1
5	3	11-May-05	324770.29	5994261.27	16.94	LN 1
6	3	11-May-05	324770.52	5994262.11	17.15	LN 1
7	3	11-May-05	324770.56	5994262.86	17.05	LN 1
8	3	11-May-05	324770.60	5994263.59	16.92	LN 1
9	3	11-May-05	324770.74	5994264.89	16.86	LN 1
10	3	11-May-05	324770.79	5994265.99	16.74	LN 1
11	3	11-May-05	324770.89	5994266.56	16.93	LN 1
12	3	11-May-05	324771.14	5994267.77	16.92	LN 1
13	3	11-May-05	324771.33	5994268.92	17.13	LN 1
14	3	11-May-05	324771.51	5994270.06	17.29	LN 1
15	3	11-May-05	324771.75	5994271.44	17.53	LN 1
16	3	11-May-05	324771.78	5994272.52	17.72	LN 1
17	3	11-May-05	324771.89	5994273.71	17.90	LN 1
18	3	11-May-05	324771.89	5994274.55	17.90	LN 1
19	3	11-May-05	324772.25	5994275.81	17.82	LN 1
20	3	11-May-05	324772.24	5994276.94	17.67	LN 1
21	3	11-May-05	324772.31	5994278.20	17.46	LN 1

22	3	11-May-05	324772.40	5994279.24	17.16	LN 1
23	3	11-May-05	324772.45	5994279.94	16.95	LN 1
24	3	11-May-05	324772.59	5994280.64	16.71	LN 1
25	3	11-May-05	324772.75	5994281.26	16.71	LN 1
26	3	11-May-05	324773.07	5994282.50	16.86	LN 1
27	3	11-May-05	324773.23	5994283.90	16.65	LN 1
28	3	11-May-05	324773.42	5994285.27	16.71	LN 1
29	3	11-May-05	324773.42	5994286.14	16.80	LN 1
30	3	11-May-05	324773.62	5994287.08	16.80	LN 1
31	3	11-May-05	324773.78	5994288.12	16.80	LN 1
32	3	11-May-05	324773.96	5994289.06	16.79	LN 1
33	3	11-May-05	324773.96	5994289.87	16.58	LN 1
34	3	11-May-05	324774.02	5994290.58	16.32	LN 1
35	3	11-May-05	324774.10	5994291.27	16.19	LN 1
36	3	11-May-05	324774.30	5994291.87	16.22	LN 1
37	3	11-May-05	324774.38	5994292.49	16.27	LN 1
38	3	11-May-05	324774.54	5994293.09	16.31	LN 1
39	3	11-May-05	324774.61	5994293.35	16.30	LN 1
40	3	11-May-05	324774.63	5994293.56	16.14	LN 1
41	3	11-May-05	324774.75	5994293.89	15.92	LN 1
42	3	11-May-05	324775.03	5994294.79	15.21	LN 1
43	3	11-May-05	324774.81	5994294.20	15.74	LN 1
44	3	11-May-05	324775.16	5994295.24	14.94	LN 1
45	3	11-May-05	324774.91	5994294.53	15.52	LN 1
46	3	11-May-05	324775.13	5994295.99	14.43	LN 1
47	3	11-May-05	324775.16	5994296.52	14.14	LN 1
48	3	11-May-05	324775.20	5994296.85	13.88	LN 1
49	3	11-May-05	324775.20	5994297.34	13.56	LN 1
50	3	11-May-05	324775.26	5994297.82	13.31	LN 1
51	3	11-May-05	324775.34	5994298.31	12.93	LN 1
52	3	11-May-05	324775.52	5994298.95	12.54	LN 1
53	3	11-May-05	324775.62	5994299.54	12.20	LN 1
54	3	11-May-05	324775.98	5994300.65	11.65	LN 1
55	3	11-May-05	324776.32	5994301.77	11.20	LN 1
56	3	11-May-05	324776.45	5994302.71	10.86	LN 1
57	3	11-May-05	324776.47	5994304.04	10.44	LN 1
58	3	11-May-05	324776.54	5994305.24	10.06	LN 1
59	3	11-May-05	324776.67	5994307.15	9.65	LN 1
60	3	11-May-05	324776.74	5994308.79	9.27	LN 1
61	3	11-May-05	324777.03	5994310.59	8.96	LN 1
62	3	11-May-05	324777.22	5994311.39	8.95	LN 1
63	3	11-May-05	324777.31	5994312.31	8.83	LN 1
64	3	11-May-05	324777.61	5994313.75	8.63	LN 1
65	3	11-May-05	324777.82	5994314.86	8.56	LN 1
66	3	11-May-05	324778.00	5994315.51	8.56	LN 1
67	3	11-May-05	324778.03	5994315.79	8.52	LN 1
68	3	11-May-05	324778.25	5994316.67	8.47	LN 1
69	3	11-May-05	324778.50	5994317.70	8.48	LN 1
70	3	11-May-05	324778.38	5994317.41	8.40	LN 1
71	3	11-May-05	324778.83	5994319.01	8.47	LN 1
72	3	11-May-05	324778.59	5994318.33	8.48	LN 1

73	3	11-May-05	324778.99	5994319.88	8.47	LN 1
74	3	11-May-05	324779.16	5994320.53	8.52	LN 1
75	3	11-May-05	324779.60	5994321.79	8.49	LN 1
76	3	11-May-05	324779.22	5994320.74	8.69	LN 1
77	3	11-May-05	324779.33	5994321.08	8.60	LN 1
78	3	11-May-05	324779.43	5994321.42	8.60	LN 1
79	3	11-May-05	324779.67	5994322.20	8.49	LN 1
80	3	11-May-05	324779.70	5994322.57	8.43	LN 1
81	3	11-May-05	324779.90	5994323.30	8.42	LN 1
82	3	11-May-05	324779.98	5994323.96	7.97	LN 1
83	3	11-May-05	324779.89	5994323.70	8.11	LN 1
84	3	11-May-05	324780.03	5994324.33	7.78	LN 1
85	3	11-May-05	324780.03	5994324.77	7.61	LN 1
86	3	11-May-05	324780.35	5994325.76	7.28	LN 1
87	3	11-May-05	324780.21	5994325.55	7.28	LN 1
88	3	11-May-05	324780.02	5994325.02	7.52	LN 1
89	3	11-May-05	324780.55	5994327.00	7.07	LN 1
90	3	11-May-05	324780.03	5994328.99	6.68	LN 1
91	3	11-May-05	324780.36	5994330.13	6.67	LN 1
92	3	11-May-05	324780.51	5994331.05	6.70	LN 1
93	3	11-May-05	324781.06	5994333.24	6.67	LN 1
94	3	11-May-05	324781.35	5994334.70	6.60	LN 1
95	3	11-May-05	324781.58	5994336.78	6.42	LN 1
96	3	11-May-05	324782.01	5994339.32	6.22	LN 1
97	3	11-May-05	324782.48	5994342.20	5.97	LN 1
98	3	11-May-05	324783.05	5994345.19	5.75	LN 1
99	3	11-May-05	324783.56	5994348.31	5.56	LN 1
100	3	11-May-05	324784.04	5994350.97	5.45	LN 1
101	3	11-May-05	324784.51	5994354.30	5.29	LN 1
102	3	11-May-05	324784.95	5994357.15	5.19	LN 1
103	3	11-May-05	324785.49	5994360.41	5.03	LN 1
104	3	11-May-05	324786.05	5994363.74	4.97	LN 1
105	3	11-May-05	324787.05	5994368.08	5.12	LN 1
106	3	11-May-05	324787.56	5994371.87	5.05	LN 1
107	3	11-May-05	324787.97	5994375.36	4.88	LN 1
108	3	11-May-05	324789.25	5994381.18	4.47	LN 1
109	3	11-May-05	324790.01	5994386.05	4.08	LN 1
110	3	11-May-05	324790.66	5994390.46	3.68	LN 1
111	3	11-May-05	324791.71	5994395.77	3.20	LN 1
112	3	11-May-05	324792.99	5994403.16	2.51	LN 1
113	3	11-May-05	324794.01	5994409.33	1.94	LN 1
114	3	11-May-05	324795.28	5994414.79	1.74	LN 1
115	3	11-May-05	324796.45	5994419.53	1.61	LN 1
116	3	11-May-05	324797.24	5994424.74	1.49	LN 1
117	3	11-May-05	324798.66	5994430.59	1.33	LN 1
118	3	11-May-05	324799.50	5994437.25	1.25	LN1OWL1124
119	3	11-May-05	324727.21	5994260.19	13.94	LN 2
120	3	11-May-05	324727.38	5994260.81	13.97	LN 2
121	3	11-May-05	324727.53	5994262.04	13.88	LN 2
122	3	11-May-05	324727.82	5994262.91	13.76	LN 2
123	3	11-May-05	324728.18	5994264.00	13.76	LN 2

124	3	11-May-05	324728.37	5994265.31	13.94	LN 2
125	3	11-May-05	324728.62	5994266.92	13.93	LN 2
126	3	11-May-05	324729.02	5994268.57	13.79	LN 2
127	3	11-May-05	324729.00	5994270.04	13.70	LN 2
128	3	11-May-05	324729.27	5994271.88	13.50	LN 2
129	3	11-May-05	324729.61	5994272.95	13.35	LN 2
130	3	11-May-05	324729.98	5994274.61	13.24	LN 2
131	3	11-May-05	324730.02	5994275.73	13.24	LN 2
132	3	11-May-05	324730.24	5994277.01	13.24	LN 2
133	3	11-May-05	324730.32	5994277.82	13.24	LN 2
134	3	11-May-05	324730.44	5994278.83	13.13	LN 2
135	3	11-May-05	324730.74	5994280.49	13.22	LN 2
136	3	11-May-05	324730.75	5994281.16	13.27	LN 2
137	3	11-May-05	324730.80	5994282.35	13.27	LN 2
138	3	11-May-05	324730.88	5994283.74	13.30	LN 2
139	3	11-May-05	324731.20	5994285.19	13.42	LN 2
140	3	11-May-05	324731.60	5994286.59	13.54	LN 2
141	3	11-May-05	324731.89	5994288.55	13.65	LN 2
142	3	11-May-05	324732.11	5994289.82	13.76	LN 2
143	3	11-May-05	324732.38	5994290.97	13.83	LN 2
144	3	11-May-05	324732.63	5994291.95	13.91	LN 2
145	3	11-May-05	324732.88	5994293.03	13.88	LN 2
146	3	11-May-05	324733.06	5994294.17	13.79	LN 2
147	3	11-May-05	324733.51	5994295.74	13.85	LN 2
148	3	11-May-05	324733.67	5994296.68	13.86	LN 2
149	3	11-May-05	324733.97	5994298.32	13.93	LN 2
150	3	11-May-05	324734.24	5994299.52	13.93	LN 2
151	3	11-May-05	324734.41	5994300.86	13.93	LN 2
152	3	11-May-05	324734.58	5994301.63	13.99	LN 2
153	3	11-May-05	324734.75	5994302.56	13.86	LN 2
154	3	11-May-05	324734.83	5994303.48	13.82	LN 2
155	3	11-May-05	324735.11	5994304.34	13.68	LN 2
156	3	11-May-05	324735.23	5994305.46	13.69	LN 2
157	3	11-May-05	324735.38	5994306.55	13.63	LN 2
158	3	11-May-05	324735.45	5994307.21	13.63	LN 2
159	3	11-May-05	324735.56	5994307.94	13.56	LN 2
160	3	11-May-05	324735.93	5994309.35	13.69	LN 2
161	3	11-May-05	324735.74	5994308.90	13.62	LN 2
162	3	11-May-05	324735.99	5994309.89	13.60	LN 2
163	3	11-May-05	324736.10	5994310.32	13.51	LN 2
164	3	11-May-05	324736.12	5994310.50	13.47	LN 2
165	3	11-May-05	324736.09	5994310.71	13.27	LN 2
166	3	11-May-05	324736.17	5994311.34	13.00	LN 2
167	3	11-May-05	324736.16	5994311.75	12.73	LN 2
168	3	11-May-05	324736.25	5994312.36	12.49	LN 2
169	3	11-May-05	324736.40	5994312.74	12.30	LN 2
170	3	11-May-05	324737.19	5994314.83	11.36	LN 2
171	3	11-May-05	324736.60	5994313.66	11.94	LN 2
172	3	11-May-05	324736.73	5994314.12	11.74	LN 2
173	3	11-May-05	324737.47	5994316.19	10.99	LN 2
174	3	11-May-05	324737.56	5994317.16	10.71	LN 2

175	3	11-May-05	324737.59	5994317.61	10.56	LN 2
176	3	11-May-05	324737.74	5994318.35	10.32	LN 2
177	3	11-May-05	324737.87	5994319.40	10.10	LN 2
178	3	11-May-05	324738.00	5994320.53	9.86	LN 2
179	3	11-May-05	324738.31	5994321.88	9.58	LN 2
180	3	11-May-05	324738.38	5994323.35	9.37	LN 2
181	3	11-May-05	324738.32	5994324.81	9.05	LN 2
182	3	11-May-05	324738.63	5994325.81	8.89	LN 2
183	3	11-May-05	324739.45	5994328.03	8.79	LN 2
184	3	11-May-05	324738.88	5994326.64	8.79	LN 2
185	3	11-May-05	324739.84	5994329.16	8.46	LN 2
186	3	11-May-05	324739.11	5994327.35	8.70	LN 2
187	3	11-May-05	324739.98	5994329.73	8.21	LN 2
188	3	11-May-05	324740.08	5994330.38	8.00	LN 2
189	3	11-May-05	324740.22	5994331.40	7.68	LN 2
190	3	11-May-05	324740.48	5994332.24	7.42	LN 2
191	3	11-May-05	324740.54	5994333.40	7.17	LN 2
192	3	11-May-05	324740.75	5994334.62	6.90	LN 2
193	3	11-May-05	324740.93	5994335.61	6.79	LN 2
194	3	11-May-05	324741.46	5994338.41	6.76	LN 2
195	3	11-May-05	324741.97	5994341.39	6.70	LN 2
196	3	11-May-05	324742.36	5994344.08	6.73	LN 2
197	3	11-May-05	324742.51	5994344.83	6.73	LN 2
198	3	11-May-05	324742.75	5994346.26	6.56	LN 2
199	3	11-May-05	324743.39	5994349.57	6.19	LN 2
200	3	11-May-05	324743.82	5994351.92	5.96	LN 2
201	3	11-May-05	324744.33	5994355.68	5.67	LN 2
202	3	11-May-05	324745.91	5994364.71	5.27	LN 2
203	3	11-May-05	324747.37	5994372.25	5.04	LN 2
204	3	11-May-05	324748.41	5994378.48	5.02	LN 2
205	3	11-May-05	324750.05	5994387.02	4.65	LN 2
206	3	11-May-05	324751.77	5994396.50	3.82	LN 2
207	3	11-May-05	324752.84	5994403.13	3.19	LN 2
208	3	11-May-05	324754.01	5994409.65	2.59	LN 2
209	3	11-May-05	324754.73	5994414.87	2.04	LN 2
210	3	11-May-05	324755.53	5994419.24	1.75	LN 2
211	3	11-May-05	324757.30	5994429.81	1.64	LN 2
212	3	11-May-05	324758.08	5994436.91	1.51	LN 2
213	3	11-May-05	324759.18	5994442.62	1.29	LN 2
214	3	11-May-05	324759.69	5994445.32	1.29	LN2OWL1125
215	3	11-May-05	324672.35	5994262.72	11.76	LN 3
216	3	11-May-05	324672.40	5994263.49	11.83	LN 3
217	3	11-May-05	324672.57	5994264.36	11.72	LN 3
218	3	11-May-05	324672.70	5994265.86	11.69	LN 3
219	3	11-May-05	324672.94	5994267.23	11.76	LN 3
220	3	11-May-05	324673.31	5994269.37	11.79	LN 3
221	3	11-May-05	324673.53	5994271.01	12.03	LN 3
222	3	11-May-05	324673.71	5994271.60	12.24	LN 3
223	3	11-May-05	324673.83	5994272.51	12.41	LN 3
224	3	11-May-05	324673.98	5994273.26	12.51	LN 3
225	3	11-May-05	324674.07	5994274.06	12.61	LN 3

226	3	11-May-05	324674.30	5994274.94	12.77	LN 3
227	3	11-May-05	324674.56	5994275.79	12.89	LN 3
228	3	11-May-05	324674.86	5994277.17	12.98	LN 3
229	3	11-May-05	324674.94	5994278.94	13.00	LN 3
230	3	11-May-05	324675.08	5994280.40	12.90	LN 3
231	3	11-May-05	324675.26	5994281.82	12.93	LN 3
232	3	11-May-05	324675.49	5994283.11	12.95	LN 3
233	3	11-May-05	324675.83	5994284.35	13.06	LN 3
234	3	11-May-05	324675.98	5994285.35	13.11	LN 3
235	3	11-May-05	324676.22	5994286.39	13.09	LN 3
236	3	11-May-05	324676.31	5994287.25	12.96	LN 3
237	3	11-May-05	324676.42	5994287.71	13.07	LN 3
238	3	11-May-05	324676.72	5994288.39	13.02	LN 3
239	3	11-May-05	324676.76	5994289.70	13.03	LN 3
240	3	11-May-05	324676.95	5994290.72	12.91	LN 3
241	3	11-May-05	324676.93	5994291.93	12.79	LN 3
242	3	11-May-05	324677.01	5994292.73	12.74	LN 3
243	3	11-May-05	324677.17	5994293.06	12.78	LN 3
244	3	11-May-05	324677.32	5994294.48	12.68	LN 3
245	3	11-May-05	324677.32	5994295.67	12.65	LN 3
246	3	11-May-05	324677.58	5994296.81	12.66	LN 3
247	3	11-May-05	324677.90	5994298.04	12.89	LN 3
248	3	11-May-05	324678.22	5994299.37	12.90	LN 3
249	3	11-May-05	324678.47	5994302.36	12.95	LN 3
250	3	11-May-05	324678.81	5994304.69	13.10	LN 3
251	3	11-May-05	324678.98	5994306.13	13.17	LN 3
252	3	11-May-05	324679.23	5994307.71	13.19	LN 3
253	3	11-May-05	324679.52	5994309.47	13.28	LN 3
254	3	11-May-05	324679.66	5994310.20	13.38	LN 3
255	3	11-May-05	324679.81	5994311.59	13.35	LN 3
256	3	11-May-05	324680.07	5994312.77	13.35	LN 3
257	3	11-May-05	324680.41	5994314.01	13.49	LN 3
258	3	11-May-05	324680.68	5994315.62	13.57	LN 3
259	3	11-May-05	324680.81	5994317.12	13.40	LN 3
260	3	11-May-05	324681.13	5994319.88	13.49	LN 3
261	3	11-May-05	324681.38	5994322.23	13.38	LN 3
262	3	11-May-05	324681.81	5994324.06	13.41	LN 3
263	3	11-May-05	324682.05	5994325.33	13.48	LN 3
264	3	11-May-05	324682.11	5994326.04	13.42	LN 3
265	3	11-May-05	324682.33	5994326.69	13.28	LN 3
266	3	11-May-05	324682.35	5994327.13	13.15	LN 3
267	3	11-May-05	324682.37	5994327.39	12.95	LN 3
268	3	11-May-05	324682.41	5994327.70	12.79	LN 3
269	3	11-May-05	324682.33	5994327.99	12.51	LN 3
270	3	11-May-05	324682.36	5994328.19	12.32	LN 3
271	3	11-May-05	324682.55	5994328.54	12.22	LN 3
272	3	11-May-05	324682.62	5994328.86	12.08	LN 3
273	3	11-May-05	324682.58	5994329.04	11.94	LN 3
274	3	11-May-05	324682.68	5994329.44	11.81	LN 3
275	3	11-May-05	324682.79	5994330.14	11.71	LN 3
276	3	11-May-05	324682.90	5994330.78	11.60	LN 3

277	3	11-May-05	324682.89	5994331.22	11.46	LN 3
278	3	11-May-05	324683.04	5994331.65	11.29	LN 3
279	3	11-May-05	324683.15	5994332.08	11.07	LN 3
280	3	11-May-05	324683.23	5994332.51	10.81	LN 3
281	3	11-May-05	324683.38	5994333.14	10.47	LN 3
282	3	11-May-05	324683.50	5994333.44	10.29	LN 3
283	3	11-May-05	324683.47	5994333.76	10.04	LN 3
284	3	11-May-05	324683.55	5994334.11	9.83	LN 3
285	3	11-May-05	324683.63	5994334.78	9.48	LN 3
286	3	11-May-05	324683.80	5994335.44	9.20	LN 3
287	3	11-May-05	324683.84	5994336.10	8.82	LN 3
288	3	11-May-05	324684.09	5994337.13	8.52	LN 3
289	3	11-May-05	324684.29	5994337.87	8.36	LN 3
290	3	11-May-05	324684.50	5994338.69	8.18	LN 3
291	3	11-May-05	324684.46	5994339.40	7.97	LN 3
292	3	11-May-05	324684.59	5994340.02	7.74	LN 3
293	3	11-May-05	324684.78	5994340.60	7.56	LN 3
294	3	11-May-05	324684.81	5994341.20	7.47	LN 3
295	3	11-May-05	324685.09	5994342.02	7.28	LN 3
296	3	11-May-05	324685.19	5994342.61	7.07	LN 3
297	3	11-May-05	324685.34	5994343.47	6.90	LN 3
298	3	11-May-05	324685.52	5994344.10	6.78	LN 3
299	3	11-May-05	324685.73	5994345.02	6.84	LN 3
300	3	11-May-05	324685.95	5994346.79	6.76	LN 3
301	3	11-May-05	324686.15	5994349.99	6.78	LN 3
302	3	11-May-05	324686.42	5994352.42	6.78	LN 3
303	3	11-May-05	324686.99	5994355.41	6.67	LN 3
304	3	11-May-05	324687.23	5994356.72	6.52	LN 3
305	3	11-May-05	324687.48	5994358.91	6.29	LN 3
306	3	11-May-05	324687.81	5994361.19	6.06	LN 3
307	3	11-May-05	324688.14	5994363.17	5.88	LN 3
308	3	11-May-05	324688.78	5994367.88	5.56	LN 3
309	3	11-May-05	324689.79	5994372.96	5.34	LN 3
310	3	11-May-05	324690.67	5994377.04	5.16	LN 3
311	3	11-May-05	324690.98	5994382.18	5.00	LN 3
312	3	11-May-05	324691.32	5994383.88	5.10	LN 3
313	3	11-May-05	324691.72	5994386.92	5.15	LN 3
314	3	11-May-05	324692.25	5994390.43	4.95	LN 3
315	3	11-May-05	324692.93	5994395.70	4.55	LN 3
316	3	11-May-05	324693.66	5994400.78	4.11	LN 3
317	3	11-May-05	324694.78	5994407.85	3.47	LN 3
318	3	11-May-05	324695.74	5994414.28	2.88	LN 3
319	3	11-May-05	324696.70	5994420.32	2.28	LN 3
320	3	11-May-05	324697.35	5994424.95	1.87	LN3OWL1221
321	3	11-May-05	324606.12	5994268.23	12.52	LN 4
322	3	11-May-05	324606.38	5994270.40	12.79	LN 4
323	3	11-May-05	324607.24	5994274.69	13.29	LN 4
324	3	11-May-05	324607.97	5994279.06	13.31	LN 4
325	3	11-May-05	324608.69	5994282.12	13.49	LN 4
326	3	11-May-05	324609.25	5994285.06	13.72	LN 4
327	3	11-May-05	324609.91	5994288.40	14.18	LN 4

328	3	11-May-05	324610.28	5994289.89	14.04	LN 4
329	3	11-May-05	324610.62	5994292.07	14.34	LN 4
330	3	11-May-05	324610.97	5994294.24	14.33	LN 4
331	3	11-May-05	324611.18	5994296.12	14.03	LN 4
332	3	11-May-05	324611.63	5994297.82	14.11	LN 4
333	3	11-May-05	324611.72	5994298.85	14.11	LN 4
334	3	11-May-05	324611.06	5994300.30	13.93	LN 4
335	3	11-May-05	324611.34	5994301.87	13.84	LN 4
336	3	11-May-05	324611.55	5994303.35	13.42	LN 4
337	3	11-May-05	324611.98	5994305.57	13.20	LN 4
338	3	11-May-05	324613.71	5994310.99	13.31	LN 4
339	3	11-May-05	324613.22	5994309.71	13.13	LN 4
340	3	11-May-05	324613.46	5994310.40	13.21	LN 4
341	3	11-May-05	324612.35	5994307.49	13.11	LN 4
342	3	11-May-05	324613.86	5994311.60	13.43	LN 4
343	3	11-May-05	324614.33	5994313.32	13.63	LN 4
344	3	11-May-05	324614.34	5994314.33	13.85	LN 4
345	3	11-May-05	324614.59	5994315.05	13.90	LN 4
346	3	11-May-05	324614.08	5994313.78	13.72	LN 4
347	3	11-May-05	324614.85	5994316.09	14.05	LN 4
348	3	11-May-05	324615.06	5994316.67	14.22	LN 4
349	3	11-May-05	324615.24	5994317.83	14.36	LN 4
350	3	11-May-05	324615.55	5994319.08	14.41	LN 4
351	3	11-May-05	324615.80	5994319.95	14.33	LN 4
352	3	11-May-05	324616.04	5994321.30	14.32	LN 4
353	3	11-May-05	324616.27	5994323.25	14.31	LN 4
354	3	11-May-05	324616.58	5994325.97	14.31	LN 4
355	3	11-May-05	324616.91	5994327.05	14.34	LN 4
356	3	11-May-05	324617.11	5994328.80	14.26	LN 4
357	3	11-May-05	324617.45	5994329.89	14.23	LN 4
358	3	11-May-05	324617.52	5994331.32	14.14	LN 4
359	3	11-May-05	324617.71	5994332.31	14.02	LN 4
360	3	11-May-05	324617.90	5994333.34	13.89	LN 4
361	3	11-May-05	324618.01	5994334.16	13.83	LN 4
362	3	11-May-05	324618.08	5994335.40	13.79	LN 4
363	3	11-May-05	324618.38	5994336.30	13.70	LN 4
364	3	11-May-05	324618.63	5994337.77	13.67	LN 4
365	3	11-May-05	324618.67	5994338.90	13.65	LN 4
366	3	11-May-05	324618.82	5994339.95	13.67	LN 4
367	3	11-May-05	324618.87	5994340.55	13.73	LN 4
368	3	11-May-05	324618.87	5994341.01	13.65	LN 4
369	3	11-May-05	324618.94	5994341.53	13.43	LN 4
370	3	11-May-05	324618.90	5994342.01	13.29	LN 4
371	3	11-May-05	324618.86	5994342.28	13.09	LN 4
372	3	11-May-05	324618.82	5994342.65	12.83	LN 4
373	3	11-May-05	324618.89	5994343.07	12.64	LN 4
374	3	11-May-05	324619.03	5994343.45	12.47	LN 4
375	3	11-May-05	324619.07	5994343.82	12.26	LN 4
376	3	11-May-05	324619.17	5994344.14	12.11	LN 4
377	3	11-May-05	324619.18	5994344.58	11.98	LN 4
378	3	11-May-05	324619.18	5994344.92	11.83	LN 4

379	3	11-May-05	324619.18	5994345.39	11.60	LN 4
380	3	11-May-05	324619.23	5994345.78	11.40	LN 4
381	3	11-May-05	324619.24	5994346.18	11.24	LN 4
382	3	11-May-05	324619.34	5994346.58	11.06	LN 4
383	3	11-May-05	324619.68	5994347.62	10.59	LN 4
384	3	11-May-05	324619.43	5994347.10	10.81	LN 4
385	3	11-May-05	324619.66	5994347.94	10.30	LN 4
386	3	11-May-05	324619.71	5994348.28	10.08	LN 4
387	3	11-May-05	324619.72	5994348.57	9.91	LN 4
388	3	11-May-05	324619.83	5994348.94	9.74	LN 4
389	3	11-May-05	324619.89	5994349.36	9.46	LN 4
390	3	11-May-05	324619.99	5994349.71	9.37	LN 4
391	3	11-May-05	324620.63	5994351.45	8.06	LN 4
392	3	11-May-05	324620.03	5994349.89	9.19	LN 4
393	3	11-May-05	324619.98	5994349.99	9.15	LN 4
394	3	11-May-05	324620.51	5994351.37	8.22	LN 4
395	3	11-May-05	324620.61	5994351.64	8.00	LN 4
396	3	11-May-05	324620.46	5994351.27	8.29	LN 4
397	3	11-May-05	324620.85	5994352.32	7.83	LN 4
398	3	11-May-05	324620.02	5994350.16	9.10	LN 4
399	3	11-May-05	324620.31	5994351.05	8.77	LN 4
400	3	11-May-05	324620.74	5994352.18	7.94	LN 4
401	3	11-May-05	324620.19	5994350.74	8.94	LN 4
402	3	11-May-05	324620.85	5994352.52	7.83	LN 4
403	3	11-May-05	324620.85	5994352.75	7.77	LN 4
404	3	11-May-05	324620.98	5994353.18	7.71	LN 4
405	3	11-May-05	324620.88	5994352.92	7.78	LN 4
406	3	11-May-05	324621.20	5994354.08	7.21	LN 4
407	3	11-May-05	324621.19	5994354.36	7.17	LN 4
408	3	11-May-05	324621.37	5994354.93	7.05	LN 4
409	3	11-May-05	324621.37	5994355.48	6.88	LN 4
410	3	11-May-05	324621.47	5994356.23	6.73	LN 4
411	3	11-May-05	324621.63	5994357.02	6.70	LN 4
412	3	11-May-05	324622.01	5994359.78	6.76	LN 4
413	3	11-May-05	324622.83	5994363.26	6.78	LN 4
414	3	11-May-05	324623.17	5994365.58	6.78	LN 4
415	3	11-May-05	324623.71	5994368.03	6.63	LN 4
416	3	11-May-05	324624.27	5994370.48	6.32	LN 4
417	3	11-May-05	324624.89	5994373.65	5.96	LN 4
418	3	11-May-05	324625.64	5994377.64	5.67	LN 4
419	3	11-May-05	324626.64	5994382.69	5.40	LN 4
420	3	11-May-05	324627.23	5994386.59	5.22	LN 4
421	3	11-May-05	324627.80	5994389.78	5.12	LN 4
422	3	11-May-05	324628.05	5994391.75	5.22	LN 4
423	3	11-May-05	324628.34	5994394.70	5.31	LN 4
424	3	11-May-05	324628.90	5994397.78	5.19	LN 4
425	3	11-May-05	324630.07	5994403.48	4.80	LN 4
426	3	11-May-05	324631.56	5994410.64	4.18	LN 4
427	3	11-May-05	324632.24	5994414.84	3.79	LN 4
428	3	11-May-05	324633.04	5994419.31	3.38	LN 4
429	3	11-May-05	324633.88	5994424.35	2.87	LN 4

430	3	11-May-05	324634.73	5994428.35	2.47	LN 4
431	3	11-May-05	324635.27	5994432.43	2.07	LN 4
432	3	11-May-05	324635.96	5994436.35	1.90	LN 4
433	3	11-May-05	324636.68	5994439.67	1.86	LN4OWL1222
1	4	**29-May-04**	**5993134.00**	**324552.00**	**11.58**	**Top Rebard BM 2**
2	4	**29-May-04**	**5993134.00**	**324552.00**	**11.09**	**Btm Rebar Bm 2**
3	4	29-May-04	5993140.18	324575.60	12.07	BM 3 BTM
4	4	29-May-04	5993140.14	324575.58	12.79	BM 3 TOP
5	4	29-May-04	5993115.39	324580.02	14.68	FRDN 1
6	4	29-May-04	5993116.25	324580.00	14.66	FRDN 1
7	4	29-May-04	5993117.10	324579.92	14.47	FRDN 1
8	4	29-May-04	5993118.03	324579.80	14.30	FRDN 1
9	4	29-May-04	5993118.91	324579.61	14.25	FRDN 1
10	4	29-May-04	5993120.36	324579.35	14.18	FRDN 1
11	4	29-May-04	5993121.28	324579.12	14.22	FRDN 1
12	4	29-May-04	5993121.98	324578.98	13.96	FRDN 1
13	4	29-May-04	5993122.53	324578.86	13.77	FRDN 1
14	4	29-May-04	5993123.28	324578.68	13.51	FRDN 1
15	4	29-May-04	5993124.11	324578.73	13.23	FRDN 1
16	4	29-May-04	5993125.03	324578.51	13.14	FRDN 1
17	4	29-May-04	5993126.12	324578.36	13.03	FRDN 1
18	4	29-May-04	5993127.03	324578.08	12.86	FRDN 1
19	4	29-May-04	5993128.36	324577.82	12.65	FRDN 1
20	4	29-May-04	5993129.70	324577.60	12.53	FRDN 1
21	4	29-May-04	5993131.14	324577.25	12.39	FRDN 1
22	4	29-May-04	5993133.21	324576.82	12.24	FRDN 1
23	4	29-May-04	5993134.42	324576.66	12.17	FRDN 1
24	4	29-May-04	5993135.64	324576.45	12.21	FRDN 1
25	4	29-May-04	5993136.98	324576.30	12.18	FRDN 1
26	4	29-May-04	5993138.67	324575.99	12.10	FRDN 1
27	4	29-May-04	5993141.21	324575.47	11.95	FRDN 1
28	4	29-May-04	5993141.85	324575.32	11.88	FRDN 1
29	4	29-May-04	5993142.38	324575.08	11.57	FRDN 1
30	4	29-May-04	5993143.07	324574.92	11.29	FRDN 1
31	4	29-May-04	5993143.68	324574.77	11.11	FRDN 1
32	4	29-May-04	5993144.34	324574.60	10.91	FRDN 1
33	4	29-May-04	5993145.06	324574.44	10.71	FRDN 1
34	4	29-May-04	5993145.97	324574.37	10.52	RMP 1
35	4	29-May-04	5993146.82	324574.25	10.36	RMP 1
36	4	29-May-04	5993147.66	324574.18	10.24	RMP 1
37	4	29-May-04	5993148.66	324574.12	10.12	BKSHR 1
38	4	29-May-04	5993149.47	324574.06	10.18	BKSHR 1
39	4	29-May-04	5993150.28	324573.87	10.09	BKSHR 1
40	4	29-May-04	5993151.31	324573.65	10.06	BKSHR 1
41	4	29-May-04	5993151.95	324573.48	10.07	BKSHR 1
42	4	29-May-04	5993153.03	324573.14	10.08	BKSHR 1
43	4	29-May-04	5993154.04	324572.94	10.10	BKSHR 1
44	4	29-May-04	5993155.02	324572.86	10.15	BKSHR 1
45	4	29-May-04	5993155.89	324572.72	10.09	BKSHR 1
46	4	29-May-04	5993156.74	324572.41	10.20	BKSHR 1

47	4	29-May-04	5993157.53	324572.25	10.28	BKSHR 1
48	4	29-May-04	5993158.42	324572.12	10.34	BKSHR 1
49	4	29-May-04	5993159.26	324571.74	10.42	BKSHR 1
50	4	29-May-04	5993159.92	324571.62	10.50	BKSHR 1
51	4	29-May-04	5993160.65	324571.48	10.64	BKSHR 1
52	4	29-May-04	5993161.38	324571.41	10.71	BKSHR 1
53	4	29-May-04	5993162.46	324571.22	10.80	BKSHR 1
54	4	29-May-04	5993163.47	324570.96	10.85	BKSHR 1
55	4	29-May-04	5993164.57	324570.64	11.12	BKSHR 1
56	4	29-May-04	5993165.08	324570.53	11.22	BKSHR 1
57	4	29-May-04	5993165.74	324570.42	11.06	BKSHR 1
58	4	29-May-04	5993166.64	324570.42	10.88	BKSHR 1
59	4	29-May-04	5993167.32	324570.22	10.88	BKSHR 1
60	4	29-May-04	5993168.15	324570.18	10.92	BKSHR 1
61	4	29-May-04	5993168.71	324570.13	10.70	BKSHR 1
62	4	29-May-04	5993169.18	324570.09	10.57	BKSHR 1
63	4	29-May-04	5993170.52	324569.94	10.43	BKSHR 1
64	4	29-May-04	5993171.46	324569.69	10.42	BKSHR 1
65	4	29-May-04	5993172.40	324569.50	10.43	BKSHR 1
66	4	29-May-04	5993173.14	324569.25	10.48	BKSHR 1
67	4	29-May-04	5993173.61	324568.94	10.44	BKSHR 1
68	4	29-May-04	5993174.63	324568.86	10.26	BKSHR 1
69	4	29-May-04	5993175.76	324568.47	10.13	BKSHR 1
70	4	29-May-04	5993176.51	324568.33	10.04	BKSHR 1
71	4	29-May-04	5993177.69	324567.94	9.96	BKSHR 1
72	4	29-May-04	5993179.05	324567.88	9.92	BKSHR 1
73	4	29-May-04	5993179.98	324567.76	9.82	BKSHR 1
74	4	29-May-04	5993181.24	324567.62	9.67	BKSHR 1
75	4	29-May-04	5993182.77	324567.28	9.60	BKSHR 1
76	4	29-May-04	5993183.59	324567.05	9.60	BKSHR 1
77	4	29-May-04	5993184.17	324567.03	9.55	BKSHR 1
78	4	29-May-04	5993185.03	324566.72	9.48	BKSHR 1
79	4	29-May-04	5993186.13	324566.41	9.49	BKSHR 1
80	4	29-May-04	5993187.90	324565.95	9.39	BKSHR 1
81	4	29-May-04	5993189.03	324565.37	9.48	BKSHR 1
82	4	29-May-04	5993189.51	324565.09	9.41	BKSHR 1
83	4	29-May-04	5993190.37	324565.15	9.38	BKSHR 1
84	4	29-May-04	5993191.26	324564.91	9.45	BKSHR 1
85	4	29-May-04	5993191.72	324564.74	9.40	BKSHR 1
86	4	29-May-04	5993192.87	324564.20	9.29	BKSHR 1
87	4	29-May-04	5993193.63	324564.00	9.27	BKSHR 1
88	4	29-May-04	5993194.25	324563.87	9.17	BKSHR 1
89	4	29-May-04	5993194.84	324563.71	9.07	BCH 1
90	4	29-May-04	5993195.76	324563.45	8.97	BCH 1
91	4	29-May-04	5993196.63	324563.27	8.86	BCH 1
92	4	29-May-04	5993197.67	324562.91	8.77	BCH 1
93	4	29-May-04	5993198.70	324562.60	8.70	BCH 1
94	4	29-May-04	5993199.76	324562.38	8.64	BCH 1
95	4	29-May-04	5993200.58	324562.19	8.59	BCH 1
96	4	29-May-04	5993201.69	324561.95	8.60	BCH 1
97	4	29-May-04	5993203.12	324561.71	8.65	BCH 1

98	4	29-May-04	5993204.14	324561.52	8.65	BCH 1
99	4	29-May-04	5993205.31	324561.42	8.65	BCH 1
100	4	29-May-04	5993206.64	324560.98	8.66	BCH 1
101	4	29-May-04	5993208.42	324560.86	8.66	BCH 1
102	4	29-May-04	5993209.76	324559.43	8.65	BCH 1
103	4	29-May-04	5993211.60	324559.32	8.63	BCH 1
104	4	29-May-04	5993213.34	324559.26	8.63	BCH 1
105	4	29-May-04	5993215.46	324558.58	8.60	BCH 1
106	4	29-May-04	5993215.65	324558.74	8.59	BCH 1
107	4	29-May-04	5993217.58	324558.51	8.55	BCH 1
108	4	29-May-04	5993219.24	324558.32	8.48	BCH 1
109	4	29-May-04	5993221.08	324557.91	8.44	BCH 1
110	4	29-May-04	5993222.95	324557.75	8.40	BCH 1
111	4	29-May-04	5993222.94	324557.77	8.39	BCH 1
112	4	29-May-04	5993224.94	324557.49	8.34	BCH 1
113	4	29-May-04	5993227.46	324557.10	8.28	BCH 1
114	4	29-May-04	5993230.22	324556.37	8.31	BCH 1
115	4	29-May-04	5993232.33	324555.79	8.46	BCH 1
116	4	29-May-04	5993235.00	324555.15	8.55	BCH 1
117	4	29-May-04	5993236.63	324554.76	8.62	BCH 1
118	4	29-May-04	5993237.67	324554.50	8.68	BCH 1
119	4	29-May-04	5993239.77	324554.06	8.71	BCH 1
120	4	29-May-04	5993241.61	324553.65	8.70	BCH 1
121	4	29-May-04	5993244.09	324553.18	8.72	BCH 1
122	4	29-May-04	5993246.54	324552.41	8.72	BCH 1
123	4	29-May-04	5993249.31	324552.08	8.75	BCH 1
124	4	29-May-04	5993251.89	324551.69	8.76	BCH 1
125	4	29-May-04	5993254.60	324550.95	8.78	BCH 1
126	4	29-May-04	5993257.37	324550.48	8.77	BCH 1
127	4	29-May-04	5993261.59	324549.87	8.70	BCH 1
128	4	29-May-04	5993265.77	324549.32	8.73	BCH 1
129	4	29-May-04	5993275.10	324547.73	8.42	BCH 1
130	4	29-May-04	5993280.08	324546.23	8.37	BCH 1
131	4	29-May-04	5993284.43	324545.10	8.06	FRDN 2
132	4	29-May-04	5993115.79	324567.33	13.86	FRDN 2
133	4	29-May-04	5993117.29	324566.99	13.90	FRDN 2
134	4	29-May-04	5993118.56	324566.70	14.00	FRDN 2
135	4	29-May-04	5993119.69	324566.51	13.94	FRDN 2
136	4	29-May-04	5993121.06	324566.19	13.89	FRDN 2
137	4	29-May-04	5993122.53	324566.02	13.74	FRDN 2
138	4	29-May-04	5993123.63	324565.66	13.81	FRDN 2
139	4	29-May-04	5993124.90	324565.27	13.75	FRDN 2
140	4	29-May-04	5993126.38	324564.70	13.54	FRDN 2
141	4	29-May-04	5993127.25	324564.54	13.39	FRDN 2
142	4	29-May-04	5993127.89	324564.73	13.19	FRDN 2
143	4	29-May-04	5993129.75	324564.47	12.98	FRDN 2
144	4	29-May-04	5993131.29	324564.24	12.75	FRDN 2
145	4	29-May-04	5993132.62	324563.80	12.71	FRDN 2
146	4	29-May-04	5993133.52	324563.59	12.70	FRDN 2
147	4	29-May-04	5993134.30	324563.50	12.63	FRDN 2
148	4	29-May-04	5993135.63	324563.21	12.59	FRDN 2

149	4	29-May-04	5993137.03	324562.83	12.33	FRDN 2
150	4	29-May-04	5993137.92	324562.71	12.13	FRDN 2
151	4	29-May-04	5993138.84	324562.59	11.97	FRDN 2
152	4	29-May-04	5993139.97	324561.98	11.78	FRDN 2
153	4	29-May-04	5993140.99	324561.62	11.58	FRDN 2
154	4	29-May-04	5993141.89	324561.37	11.23	FRDN 2
155	4	29-May-04	5993142.82	324561.16	10.75	FRDN 2
156	4	29-May-04	5993143.62	324560.93	10.38	FRDN 2
157	4	29-May-04	5993144.40	324560.79	10.08	FRDN 2
158	4	29-May-04	5993145.12	324560.75	9.85	FRDN 2
159	4	29-May-04	5993147.08	324560.52	9.92	BKSHR 2
160	4	29-May-04	5993148.57	324560.29	10.03	BKSHR 2
161	4	29-May-04	5993149.99	324560.12	10.12	BKSHR 2
162	4	29-May-04	5993151.18	324559.84	10.23	BKSHR 2
163	4	29-May-04	5993152.35	324559.67	9.98	BKSHR 2
164	4	29-May-04	5993153.51	324559.41	9.88	BKSHR 2
165	4	29-May-04	5993154.38	324559.28	9.93	BKSHR 2
166	4	29-May-04	5993155.69	324558.92	10.09	BKSHR 2
167	4	29-May-04	5993157.00	324558.64	10.03	BKSHR 2
168	4	29-May-04	5993158.27	324558.28	10.12	BKSHR 2
169	4	29-May-04	5993159.46	324558.11	10.23	BKSHR 2
170	4	29-May-04	5993160.83	324558.09	10.39	BKSHR 2
171	4	29-May-04	5993161.95	324557.72	10.49	BKSHR 2
172	4	29-May-04	5993163.74	324557.30	10.67	BKSHR 2
173	4	29-May-04	5993165.01	324557.03	10.90	BKSHR 2
174	4	29-May-04	5993165.87	324556.86	11.00	BKSHR 2
175	4	29-May-04	5993167.54	324556.14	10.87	BKSHR 2
176	4	29-May-04	5993168.82	324555.81	10.75	BKSHR 2
177	4	29-May-04	5993169.97	324555.52	10.75	BKSHR 2
178	4	29-May-04	5993170.99	324555.34	10.66	BKSHR 2
179	4	29-May-04	5993171.94	324555.13	10.42	BKSHR 2
180	4	29-May-04	5993172.84	324554.78	10.32	BKSHR 2
181	4	29-May-04	5993173.80	324554.58	10.17	BKSHR 2
182	4	29-May-04	5993175.08	324554.22	9.99	BKSHR 2
183	4	29-May-04	5993176.39	324553.99	9.82	BKSHR 2
184	4	29-May-04	5993177.38	324553.80	9.72	BKSHR 2
185	4	29-May-04	5993178.67	324553.64	9.62	BKSHR 2
186	4	29-May-04	5993179.70	324553.43	9.55	BKSHR 2
187	4	29-May-04	5993180.74	324553.20	9.47	BKSHR 2
188	4	29-May-04	5993181.91	324553.02	9.45	BKSHR 2
189	4	29-May-04	5993183.22	324552.81	9.51	BKSHR 2
190	4	29-May-04	5993184.54	324552.49	9.46	BKSHR 2
191	4	29-May-04	5993185.48	324552.24	9.49	BKSHR 2
192	4	29-May-04	5993186.61	324551.93	9.48	BKSHR 2
193	4	29-May-04	5993187.57	324551.60	9.48	BKSHR 2
194	4	29-May-04	5993188.08	324551.42	9.47	BKSHR 2
195	4	29-May-04	5993188.90	324551.31	9.40	BKSHR 2
196	4	29-May-04	5993189.88	324551.17	9.39	BKSHR 2
197	4	29-May-04	5993190.99	324550.90	9.11	BCH 2
198	4	29-May-04	5993192.56	324550.59	8.96	BCH 2
199	4	29-May-04	5993193.85	324550.24	8.81	BCH 2

200	4	29-May-04	5993195.50	324549.81	8.66	BCH 2
201	4	29-May-04	5993197.45	324549.41	8.58	BCH 2
202	4	29-May-04	5993200.25	324548.86	8.53	BCH 2
203	4	29-May-04	5993202.74	324548.30	8.55	BCH 2
204	4	29-May-04	5993204.52	324548.00	8.57	BCH 2
205	4	29-May-04	5993206.91	324547.45	8.61	BCH 2
206	4	29-May-04	5993209.12	324547.00	8.64	BCH 2
207	4	29-May-04	5993211.51	324546.36	8.65	BCH 2
208	4	29-May-04	5993213.28	324545.94	8.64	BCH 2
209	4	29-May-04	5993217.54	324544.99	8.54	BCH 2
210	4	29-May-04	5993220.57	324544.44	8.44	BCH 2
211	4	29-May-04	5993224.49	324543.73	8.40	BCH 2
212	4	29-May-04	5993229.59	324542.52	8.43	BCH 2
213	4	29-May-04	5993232.87	324541.71	8.58	BCH 2
214	4	29-May-04	5993233.59	324541.58	8.65	BCH 2
215	4	29-May-04	5993234.94	324541.37	8.75	BCH 2
216	4	29-May-04	5993238.19	324540.73	8.76	BCH 2
217	4	29-May-04	5993242.23	324539.81	8.75	BCH 2
218	4	29-May-04	5993246.39	324538.85	8.73	BCH 2
219	4	29-May-04	5993250.39	324537.88	8.69	BCH 2
220	4	29-May-04	5993254.15	324536.95	8.68	BCH 2
221	4	29-May-04	5993257.69	324536.18	8.67	BCH 2
222	4	29-May-04	5993261.73	324535.41	8.66	BCH 2
223	4	29-May-04	5993265.81	324534.59	8.57	BCH 2
224	4	29-May-04	5993269.22	324533.97	8.55	BCH 2
225	4	29-May-04	5993272.55	324533.28	8.48	BCH 2
226	4	29-May-04	5993276.19	324532.42	8.42	BCH 2
227	4	29-May-04	5993278.75	324531.75	8.26	BCH 2
228	4	29-May-04	5993281.82	324531.10	8.12	BCH 2
229	4	29-May-04	5993284.32	324530.59	7.96	BCH 2
230	4	29-May-04	5993286.33	324530.09	7.84	BCH 2
231	4	29-May-04	5993115.47	324554.37	14.12	FRDN 3
232	4	29-May-04	5993116.37	324554.15	14.15	FRDN 3
233	4	29-May-04	5993117.39	324553.84	14.25	FRDN 3
234	4	29-May-04	5993117.99	324553.72	14.30	FRDN 3
235	4	29-May-04	5993118.50	324553.61	14.18	FRDN 3
236	4	29-May-04	5993119.14	324553.38	14.07	FRDN 3
237	4	29-May-04	5993119.91	324553.12	13.96	FRDN 3
238	4	29-May-04	5993121.34	324552.75	13.81	FRDN 3
239	4	29-May-04	5993122.31	324552.35	13.70	FRDN 3
240	4	29-May-04	5993122.74	324552.18	13.62	FRDN 3
241	4	29-May-04	5993123.12	324552.10	13.33	FRDN 3
242	4	29-May-04	5993123.52	324551.92	13.20	FRDN 3
243	4	29-May-04	5993123.96	324551.86	13.11	FRDN 3
244	4	29-May-04	5993124.38	324551.83	12.93	FRDN 3
245	4	29-May-04	5993124.89	324551.62	12.75	FRDN 3
246	4	29-May-04	5993125.59	324551.63	12.68	FRDN 3
247	4	29-May-04	5993126.29	324551.56	12.62	FRDN 3
248	4	29-May-04	5993126.70	324551.55	12.54	FRDN 3
249	4	29-May-04	5993127.40	324551.35	12.58	FRDN 3
250	4	29-May-04	5993127.95	324551.18	12.63	FRDN 3

251	4	29-May-04	5993128.51	324551.02	12.64	FRDN 3
252	4	29-May-04	5993129.22	324550.84	12.73	FRDN 3
253	4	29-May-04	5993129.97	324550.65	12.79	FRDN 3
254	4	29-May-04	5993130.96	324550.41	12.84	FRDN 3
255	4	29-May-04	5993131.70	324550.29	12.92	FRDN 3
256	4	29-May-04	5993132.56	324550.15	12.96	FRDN 3
257	4	29-May-04	5993133.41	324549.96	13.04	FRDN 3
258	4	29-May-04	5993134.36	324549.71	13.04	FRDN 3
259	4	29-May-04	5993135.23	324549.39	13.04	FRDN 3
260	4	29-May-04	5993136.32	324549.54	13.03	FRDN 3
261	4	29-May-04	5993136.98	324549.62	12.90	FRDN 3
262	4	29-May-04	5993137.63	324549.60	12.59	FRDN 3
263	4	29-May-04	5993138.44	324549.47	12.16	FRDN 3
264	4	29-May-04	5993139.03	324549.40	11.72	FRDN 3
265	4	29-May-04	5993139.56	324549.43	11.33	FRDN 3
266	4	29-May-04	5993140.38	324549.31	10.92	FRDN 3
267	4	29-May-04	5993141.13	324549.25	10.67	FRDN 3
268	4	29-May-04	5993142.16	324549.14	10.45	BKSHR 3
269	4	29-May-04	5993143.27	324549.06	10.16	BKSHR 3
270	4	29-May-04	5993145.66	324547.82	10.23	BKSHR 3
271	4	29-May-04	5993147.20	324547.29	10.18	BKSHR 3
272	4	29-May-04	5993148.66	324546.60	10.12	BKSHR 3
273	4	29-May-04	5993149.84	324545.88	10.12	BKSHR 3
274	4	29-May-04	5993151.02	324545.36	10.05	BKSHR 3
275	4	29-May-04	5993152.22	324544.61	10.09	BKSHR 3
276	4	29-May-04	5993154.76	324543.93	9.94	BKSHR 3
277	4	29-May-04	5993156.09	324544.27	9.80	BKSHR 3
278	4	29-May-04	5993157.53	324543.72	9.73	BKSHR 3
279	4	29-May-04	5993159.14	324544.02	9.91	BKSHR 3
280	4	29-May-04	5993160.48	324543.62	9.91	BKSHR 3
281	4	29-May-04	5993161.70	324543.29	9.91	BKSHR 3
282	4	29-May-04	5993163.02	324543.09	9.97	BKSHR 3
283	4	29-May-04	5993165.00	324542.74	10.04	BKSHR 3
284	4	29-May-04	5993166.71	324543.01	10.20	BKSHR 3
285	4	29-May-04	5993167.99	324542.55	10.28	BKSHR 3
286	4	29-May-04	5993169.09	324542.16	10.37	BKSHR 3
287	4	29-May-04	5993170.31	324541.88	10.45	BKSHR 3
288	4	29-May-04	5993171.48	324541.62	10.50	BKSHR 3
289	4	29-May-04	5993172.59	324541.41	10.60	BKSHR 3
290	4	29-May-04	5993173.06	324541.35	10.43	BKSHR 3
291	4	29-May-04	5993173.60	324541.16	10.28	BKSHR 3
292	4	29-May-04	5993174.51	324541.24	10.08	BKSHR 3
293	4	29-May-04	5993175.10	324541.04	10.07	BKSHR 3
294	4	29-May-04	5993175.77	324540.92	9.78	BKSHR 3
295	4	29-May-04	5993177.25	324540.73	9.66	BKSHR 3
296	4	29-May-04	5993178.83	324540.65	9.54	BKSHR 3
297	4	29-May-04	5993180.69	324540.22	9.41	BKSHR 3
298	4	29-May-04	5993183.39	324539.73	9.44	BKSHR 3
299	4	29-May-04	5993184.64	324539.33	9.59	BKSHR 3
300	4	29-May-04	5993185.80	324539.07	9.49	BKSHR 3
301	4	29-May-04	5993186.50	324538.98	9.46	BCH 3

302	4	29-May-04	5993187.71	324538.73	9.28	BCH 3
303	4	29-May-04	5993189.32	324538.43	8.95	BCH 3
304	4	29-May-04	5993191.56	324537.95	8.70	BCH 3
305	4	29-May-04	5993194.70	324537.24	8.60	BCH 3
306	4	29-May-04	5993197.77	324536.39	8.54	BCH 3
307	4	29-May-04	5993200.57	324535.52	8.54	BCH 3
308	4	29-May-04	5993203.04	324535.20	8.59	BCH 3
309	4	29-May-04	5993205.65	324534.77	8.60	BCH 3
310	4	29-May-04	5993208.93	324534.04	8.61	BCH 3
311	4	29-May-04	5993212.45	324533.41	8.62	BCH 3
312	4	29-May-04	5993215.72	324532.82	8.61	BCH 3
313	4	29-May-04	5993219.21	324531.92	8.52	BCH 3
314	4	29-May-04	5993224.47	324530.83	8.47	BCH 3
315	4	29-May-04	5993228.35	324530.11	8.54	BCH 3
316	4	29-May-04	5993230.71	324529.55	8.60	BCH 3
317	4	29-May-04	5993231.64	324529.50	8.71	BCH 3
318	4	29-May-04	5993234.46	324529.12	8.76	BCH 3
319	4	29-May-04	5993238.34	324528.28	8.79	BCH 3
320	4	29-May-04	5993243.62	324527.06	8.76	BCH 3
321	4	29-May-04	5993247.11	324526.50	8.69	BCH 3
322	4	29-May-04	5993250.84	324525.32	8.64	BCH 3
323	4	29-May-04	5993251.97	324524.95	8.65	BCH 3
324	4	29-May-04	5993252.41	324524.69	8.73	BCH 3
325	4	29-May-04	5993254.82	324524.12	8.80	BCH 3
326	4	29-May-04	5993257.35	324523.50	8.75	BCH 3
327	4	29-May-04	5993260.44	324523.08	8.60	BCH 3
328	4	29-May-04	5993265.57	324521.92	8.62	BCH 3
329	4	29-May-04	5993271.08	324520.58	8.45	BCH 3
330	4	29-May-04	5993276.94	324518.86	8.31	BCH 3
331	4	29-May-04	5993279.67	324518.54	8.13	BCH 3
332	4	29-May-04	5993284.02	324517.95	7.86	BCH 3
333	4	29-May-04	5993286.19	324517.69	7.73	BCH 3
334	4	29-May-04	5993288.75	324517.27	7.56	BCH 3
335	4	29-May-04	5993292.17	324516.53	7.44	BCH 3
336	4	29-May-04	5993295.54	324515.66	7.17	BCH 3
337	4	29-May-04	5993299.50	324514.68	6.87	BCH 3
338	4	29-May-04	5993303.10	324513.76	6.62	BCH 3
339	4	29-May-04	5993306.57	324513.18	6.38	BCH 3
340	4	29-May-04	5993309.93	324512.48	6.15	FRDN 4
341	4	29-May-04	5993113.71	324542.09	13.99	FRDN 4
342	4	29-May-04	5993114.35	324541.82	14.08	FRDN 4
343	4	29-May-04	5993115.09	324541.68	14.05	FRDN 4
344	4	29-May-04	5993115.61	324541.52	13.90	FRDN 4
345	4	29-May-04	5993116.11	324541.43	13.85	FRDN 4
346	4	29-May-04	5993116.75	324541.23	13.84	FRDN 4
347	4	29-May-04	5993117.36	324541.01	13.86	FRDN 4
348	4	29-May-04	5993118.07	324540.94	14.04	FRDN 4
349	4	29-May-04	5993118.72	324540.76	14.15	FRDN 4
350	4	29-May-04	5993119.41	324540.64	14.32	FRDN 4
351	4	29-May-04	5993120.04	324540.46	14.36	FRDN 4
352	4	29-May-04	5993120.67	324540.30	14.42	FRDN 4

353	4	29-May-04	5993121.32	324540.06	14.50	FRDN 4
354	4	29-May-04	5993121.99	324539.86	14.43	FRDN 4
355	4	29-May-04	5993122.46	324539.77	14.25	FRDN 4
356	4	29-May-04	5993122.97	324539.60	13.98	FRDN 4
357	4	29-May-04	5993123.64	324539.43	13.63	FRDN 4
358	4	29-May-04	5993124.32	324539.36	13.29	FRDN 4
359	4	29-May-04	5993125.04	324539.20	13.07	FRDN 4
360	4	29-May-04	5993125.72	324539.04	12.85	FRDN 4
361	4	29-May-04	5993126.35	324538.99	12.77	FRDN 4
362	4	29-May-04	5993126.89	324538.90	12.66	FRDN 4
363	4	29-May-04	5993127.35	324538.74	12.42	FRDN 4
364	4	29-May-04	5993128.08	324538.66	12.38	FRDN 4
365	4	29-May-04	5993128.66	324538.61	12.35	FRDN 4
366	4	29-May-04	5993129.32	324538.48	12.28	FRDN 4
367	4	29-May-04	5993129.98	324538.32	12.18	FRDN 4
368	4	29-May-04	5993130.61	324538.21	12.22	FRDN 4
369	4	29-May-04	5993131.29	324538.06	12.17	FRDN 4
370	4	29-May-04	5993131.90	324537.97	12.05	FRDN 4
371	4	29-May-04	5993132.63	324537.75	11.95	FRDN 4
372	4	29-May-04	5993133.10	324537.64	11.90	FRDN 4
373	4	29-May-04	5993133.78	324537.48	11.92	FRDN 4
374	4	29-May-04	5993134.53	324537.29	12.11	FRDN 4
375	4	29-May-04	5993135.16	324537.11	12.27	FRDN 4
376	4	29-May-04	5993135.63	324536.98	12.26	FRDN 4
377	4	29-May-04	5993136.15	324536.74	12.15	FRDN 4
378	4	29-May-04	5993136.79	324536.52	11.85	FRDN 4
379	4	29-May-04	5993137.37	324536.28	11.59	FRDN 4
380	4	29-May-04	5993138.15	324535.95	11.36	FRDN 4
381	4	29-May-04	5993139.01	324535.67	11.09	FRDN 4
382	4	29-May-04	5993139.86	324535.50	10.78	FRDN 4
383	4	29-May-04	5993140.84	324535.54	10.53	FRDN 4
384	4	29-May-04	5993141.88	324535.36	10.33	BKSHR 4
385	4	29-May-04	5993142.78	324535.34	10.23	BKSHR 4
386	4	29-May-04	5993143.85	324535.18	10.18	BKSHR 4
387	4	29-May-04	5993145.02	324535.00	10.16	BKSHR 4
388	4	29-May-04	5993146.14	324534.81	10.10	BKSHR 4
389	4	29-May-04	5993147.41	324534.46	9.97	BKSHR 4
390	4	29-May-04	5993148.56	324534.16	9.90	BKSHR 4
391	4	29-May-04	5993149.55	324533.97	9.83	BKSHR 4
392	4	29-May-04	5993150.53	324533.79	9.71	BKSHR 4
393	4	29-May-04	5993151.58	324533.68	9.81	BKSHR 4
394	4	29-May-04	5993152.52	324533.42	9.95	BKSHR 4
395	4	29-May-04	5993153.57	324533.32	10.03	BKSHR 4
396	4	29-May-04	5993154.52	324533.20	10.05	BKSHR 4
397	4	29-May-04	5993155.13	324533.02	10.11	BKSHR 4
398	4	29-May-04	5993155.80	324532.62	10.10	BKSHR 4
399	4	29-May-04	5993156.59	324532.15	10.04	BKSHR 4
400	4	29-May-04	5993157.40	324531.80	10.02	BKSHR 4
401	4	29-May-04	5993158.27	324531.35	10.03	BKSHR 4
402	4	29-May-04	5993159.03	324530.86	9.99	BKSHR 4
403	4	29-May-04	5993158.98	324530.89	10.00	BKSHR 4

404	4	29-May-04	5993159.95	324530.45	10.08	BKSHR 4
405	4	29-May-04	5993161.06	324529.95	10.09	BKSHR 4
406	4	29-May-04	5993161.95	324529.55	10.27	BKSHR 4
407	4	29-May-04	5993163.03	324529.31	10.46	BKSHR 4
408	4	29-May-04	5993163.91	324528.83	10.63	BKSHR 4
409	4	29-May-04	5993164.77	324528.41	10.72	BKSHR 4
410	4	29-May-04	5993165.77	324528.01	10.83	BKSHR 4
411	4	29-May-04	5993166.51	324527.75	10.87	BKSHR 4
412	4	29-May-04	5993167.84	324528.19	10.78	BKSHR 4
413	4	29-May-04	5993169.67	324527.99	10.60	BKSHR 4
414	4	29-May-04	5993170.49	324527.97	10.48	BKSHR 4
415	4	29-May-04	5993172.11	324528.23	10.29	BKSHR 4
416	4	29-May-04	5993173.26	324528.10	9.93	BKSHR 4
417	4	29-May-04	5993174.33	324528.03	9.65	BKSHR 4
418	4	29-May-04	5993175.48	324527.99	9.47	BKSHR 4
419	4	29-May-04	5993176.68	324527.76	9.49	BKSHR 4
420	4	29-May-04	5993177.25	324527.58	9.62	BKSHR 4
421	4	29-May-04	5993178.11	324527.22	9.56	BKSHR 4
422	4	29-May-04	5993178.87	324526.99	9.44	BKSHR 4
423	4	29-May-04	5993180.06	324526.74	9.51	BKSHR 4
424	4	29-May-04	5993181.00	324526.54	9.56	BKSHR 4
425	4	29-May-04	5993181.95	324526.34	9.55	BKSHR 4
426	4	29-May-04	5993183.25	324526.23	9.51	BKSHR 4
427	4	29-May-04	5993183.88	324525.95	9.44	BCH 4
428	4	29-May-04	5993184.72	324525.84	9.18	BCH 4
429	4	29-May-04	5993185.82	324525.81	9.03	BCH 4
430	4	29-May-04	5993187.12	324525.66	8.87	BCH 4
431	4	29-May-04	5993188.72	324525.46	8.72	BCH 4
432	4	29-May-04	5993190.20	324525.09	8.64	BCH 4
433	4	29-May-04	5993191.89	324524.85	8.58	BCH 4
434	4	29-May-04	5993193.73	324524.49	8.53	BCH 4
435	4	29-May-04	5993196.11	324524.01	8.48	BCH 4
436	4	29-May-04	5993199.25	324523.44	8.45	BCH 4
437	4	29-May-04	5993201.64	324523.01	8.47	BCH 4
438	4	29-May-04	5993204.13	324522.29	8.64	BCH 4
439	4	29-May-04	5993206.92	324521.65	8.71	BCH 4
440	4	29-May-04	5993209.84	324520.93	8.77	BCH 4
441	4	29-May-04	5993213.10	324520.02	8.79	BCH 4
442	4	29-May-04	5993216.42	324519.23	8.73	BCH 4
443	4	29-May-04	5993219.99	324518.94	8.60	BCH 4
444	4	29-May-04	5993222.76	324518.34	8.50	BCH 4
445	4	29-May-04	5993225.32	324517.64	8.59	BCH 4
446	4	29-May-04	5993228.47	324516.88	8.70	BCH 4
447	4	29-May-04	5993231.37	324516.16	8.73	BCH 4
448	4	29-May-04	5993234.40	324515.27	8.75	BCH 4
449	4	29-May-04	5993237.15	324514.85	8.78	BCH 4
450	4	29-May-04	5993240.91	324513.72	8.78	BCH 4
451	4	29-May-04	5993244.38	324512.74	8.73	BCH 4
452	4	29-May-04	5993246.98	324512.45	8.73	BCH 4
453	4	29-May-04	5993247.97	324512.30	8.81	BCH 4
454	4	29-May-04	5993250.85	324511.76	8.82	BCH 4

455	4	29-May-04	5993253.92	324511.00	8.69	BCH 4
456	4	29-May-04	5993256.69	324510.06	8.65	BCH 4
457	4	29-May-04	5993260.17	324509.15	8.68	BCH 4
458	4	29-May-04	5993267.14	324507.55	8.50	BCH 4
459	4	29-May-04	5993273.10	324505.71	8.32	BCH 4
460	4	29-May-04	5993275.67	324505.72	8.19	BCH 4
461	4	29-May-04	5993280.01	324504.25	7.94	BCH 4
462	4	29-May-04	5993285.26	324503.02	7.67	FRDN 5
463	4	29-May-04	5993113.78	324528.05	12.66	FRDN 5
464	4	29-May-04	5993114.53	324527.85	12.73	FRDN 5
465	4	29-May-04	5993115.17	324528.09	12.89	FRDN 5
466	4	29-May-04	5993115.71	324527.72	12.94	FRDN 5
467	4	29-May-04	5993116.46	324527.49	13.06	FRDN 5
468	4	29-May-04	5993117.39	324527.45	13.22	FRDN 5
469	4	29-May-04	5993118.09	324527.37	13.26	FRDN 5
470	4	29-May-04	5993118.95	324527.24	13.34	FRDN 5
471	4	29-May-04	5993119.67	324527.14	13.33	FRDN 5
472	4	29-May-04	5993120.54	324526.80	13.33	FRDN 5
473	4	29-May-04	5993121.44	324526.74	13.33	FRDN 5
474	4	29-May-04	5993123.70	324526.40	12.98	FRDN 5
475	4	29-May-04	5993124.15	324526.31	12.82	FRDN 5
476	4	29-May-04	5993124.68	324525.99	12.51	FRDN 5
477	4	29-May-04	5993125.05	324525.81	12.26	FRDN 5
478	4	29-May-04	5993125.58	324525.64	11.95	FRDN 5
479	4	29-May-04	5993126.04	324525.55	11.86	FRDN 5
480	4	29-May-04	5993127.34	324525.23	11.63	FRDN 5
481	4	29-May-04	5993128.32	324524.97	11.68	FRDN 5
482	4	29-May-04	5993129.08	324524.94	11.72	FRDN 5
483	4	29-May-04	5993129.51	324524.79	11.82	FRDN 5
484	4	29-May-04	5993130.06	324524.78	11.82	FRDN 5
485	4	29-May-04	5993130.75	324524.54	11.86	FRDN 5
486	4	29-May-04	5993131.33	324524.48	11.88	FRDN 5
487	4	29-May-04	5993131.93	324524.40	11.92	FRDN 5
488	4	29-May-04	5993132.51	324524.34	11.97	FRDN 5
489	4	29-May-04	5993132.93	324524.38	12.02	FRDN 5
490	4	29-May-04	5993133.20	324524.33	11.97	FRDN 5
491	4	29-May-04	5993133.60	324524.20	11.80	FRDN 5
492	4	29-May-04	5993134.19	324523.98	11.56	FRDN 5
493	4	29-May-04	5993134.75	324523.96	11.34	FRDN 5
494	4	29-May-04	5993135.52	324523.87	11.16	FRDN 5
495	4	29-May-04	5993136.37	324523.71	10.98	FRDN 5
496	4	29-May-04	5993137.15	324523.71	10.88	FRDN 5
497	4	29-May-04	5993138.01	324523.47	10.77	FRDN 5
498	4	29-May-04	5993139.08	324522.92	10.64	FRDN 5
499	4	29-May-04	5993140.11	324522.55	10.59	BKSHR 5
500	4	29-May-04	5993141.08	324522.31	10.52	BKSHR 5
501	4	29-May-04	5993142.01	324522.09	10.45	BKSHR 5
502	4	29-May-04	5993143.19	324521.85	10.46	BKSHR 5
503	4	29-May-04	5993144.81	324521.72	10.43	BKSHR 5
504	4	29-May-04	5993145.93	324521.58	10.44	BKSHR 5
505	4	29-May-04	5993147.00	324521.19	10.43	BKSHR 5

506	4	29-May-04	5993148.76	324520.69	10.42	BKSHR 5
507	4	29-May-04	5993150.01	324520.59	10.49	BKSHR 5
508	4	29-May-04	5993151.19	324520.56	10.49	BKSHR 5
509	4	29-May-04	5993151.99	324520.44	10.37	BKSHR 5
510	4	29-May-04	5993152.62	324520.21	10.27	BKSHR 5
511	4	29-May-04	5993153.46	324520.06	10.23	BKSHR 5
512	4	29-May-04	5993154.43	324519.85	10.18	BKSHR 5
513	4	29-May-04	5993155.60	324519.60	10.19	BKSHR 5
514	4	29-May-04	5993156.83	324519.46	10.23	BKSHR 5
515	4	29-May-04	5993158.02	324519.20	10.29	BKSHR 5
516	4	29-May-04	5993160.53	324518.94	10.29	BKSHR 5
517	4	29-May-04	5993161.54	324518.65	10.23	BKSHR 5
518	4	29-May-04	5993162.64	324518.36	10.24	BKSHR 5
519	4	29-May-04	5993163.88	324518.10	10.31	BKSHR 5
520	4	29-May-04	5993164.97	324517.83	10.34	BKSHR 5
521	4	29-May-04	5993166.11	324517.60	10.35	BKSHR 5
522	4	29-May-04	5993166.86	324517.41	10.25	BKSHR 5
523	4	29-May-04	5993167.67	324517.27	10.24	BKSHR 5
524	4	29-May-04	5993168.75	324517.10	10.25	BKSHR 5
525	4	29-May-04	5993169.67	324516.87	10.11	BKSHR 5
526	4	29-May-04	5993170.96	324516.49	9.89	BKSHR 5
527	4	29-May-04	5993172.08	324516.23	9.75	BKSHR 5
528	4	29-May-04	5993173.15	324516.05	9.67	BKSHR 5
529	4	29-May-04	5993174.42	324515.85	9.58	BKSHR 5
530	4	29-May-04	5993175.71	324515.63	9.55	BKSHR 5
531	4	29-May-04	5993176.70	324515.37	9.52	BKSHR 5
532	4	29-May-04	5993177.46	324515.12	9.52	BKSHR 5
533	4	29-May-04	5993178.38	324514.91	9.53	BKSHR 5
534	4	29-May-04	5993179.28	324514.87	9.55	BKSHR 5
535	4	29-May-04	5993180.26	324514.72	9.61	BKSHR 5
536	4	29-May-04	5993180.75	324514.55	9.55	BKSHR 5
537	4	29-May-04	5993181.36	324514.50	9.33	BCH 5
538	4	29-May-04	5993182.26	324514.23	9.20	BCH 5
539	4	29-May-04	5993183.48	324514.00	9.06	BCH 5
540	4	29-May-04	5993183.96	324512.74	8.87	BCH 5
541	4	29-May-04	5993185.16	324512.59	8.76	BCH 5
542	4	29-May-04	5993186.57	324512.37	8.68	BCH 5
543	4	29-May-04	5993188.20	324511.96	8.64	BCH 5
544	4	29-May-04	5993190.28	324511.57	8.59	BCH 5
545	4	29-May-04	5993194.91	324510.43	8.45	BCH 5
546	4	29-May-04	5993197.34	324510.11	8.42	BCH 5
547	4	29-May-04	5993198.91	324509.69	8.44	BCH 5
548	4	29-May-04	5993200.18	324509.39	8.54	BCH 5
549	4	29-May-04	5993201.04	324509.27	8.65	BCH 5
550	4	29-May-04	5993202.12	324509.05	8.78	BCH 5
551	4	29-May-04	5993203.97	324508.78	8.82	BCH 5
552	4	29-May-04	5993206.74	324508.16	8.84	BCH 5
553	4	29-May-04	5993208.53	324507.76	8.84	BCH 5
554	4	29-May-04	5993210.62	324507.24	8.86	BCH 5
555	4	29-May-04	5993212.20	324506.97	8.84	BCH 5
556	4	29-May-04	5993213.61	324506.73	8.81	BCH 5

557	4	29-May-04	5993217.80	324505.88	8.78	BCH 5
558	4	29-May-04	5993219.79	324505.33	8.75	BCH 5
559	4	29-May-04	5993222.01	324504.93	8.69	BCH 5
560	4	29-May-04	5993224.90	324504.27	8.66	BCH 5
561	4	29-May-04	5993228.09	324503.71	8.78	BCH 5
562	4	29-May-04	5993230.29	324503.33	8.80	BCH 5
563	4	29-May-04	5993233.11	324502.83	8.80	BCH 5
564	4	29-May-04	5993235.88	324502.25	8.78	BCH 5
565	4	29-May-04	5993239.62	324501.35	8.76	BCH 5
566	4	29-May-04	5993243.25	324500.52	8.72	BCH 5
567	4	29-May-04	5993246.98	324499.60	8.68	BCH 5
568	4	29-May-04	5993250.70	324498.97	8.78	BCH 5
569	4	29-May-04	5993254.00	324498.28	8.78	BCH 5
570	4	29-May-04	5993257.15	324497.55	8.75	BCH 5
571	4	29-May-04	5993260.46	324496.89	8.64	BCH 5
572	4	29-May-04	5993264.11	324496.03	8.52	BCH 5
573	4	29-May-04	5993267.55	324495.26	8.46	BCH 5
574	4	29-May-04	5993270.98	324494.63	8.41	BCH 5
575	4	29-May-04	5993273.77	324493.55	8.25	BCH 5
576	4	29-May-04	5993275.76	324493.32	8.11	BCH 5
577	4	29-May-04	5993278.29	324492.91	7.95	BCH 5
578	4	29-May-04	5993280.10	324492.51	7.89	BCH 5
579	4	29-May-04	5993282.12	324492.09	7.75	BCH 5
580	4	29-May-04	5993118.00	324513.63	12.89	FRDN 6
581	4	29-May-04	5993123.02	324511.88	13.42	FRDN 6
582	4	29-May-04	5993123.37	324511.82	13.36	FRDN 6
583	4	29-May-04	5993123.55	324511.65	13.16	FRDN 6
584	4	29-May-04	5993123.75	324511.58	12.86	FRDN 6
585	4	29-May-04	5993123.89	324511.50	12.52	FRDN 6
586	4	29-May-04	5993124.06	324511.43	12.42	FRDN 6
587	4	29-May-04	5993126.03	324511.09	11.27	FRDN 6
588	4	29-May-04	5993126.32	324511.07	11.11	FRDN 6
589	4	29-May-04	5993126.66	324511.07	11.01	FRDN 6
590	4	29-May-04	5993127.12	324511.10	10.90	FRDN 6
591	4	29-May-04	5993127.72	324510.95	10.80	FRDN 6
592	4	29-May-04	5993128.38	324510.90	10.71	FRDN 6
593	4	29-May-04	5993128.78	324510.80	10.71	FRDN 6
594	4	29-May-04	5993129.24	324510.69	10.71	FRDN 6
595	4	29-May-04	5993129.78	324510.63	10.77	FRDN 6
596	4	29-May-04	5993130.20	324510.59	10.83	FRDN 6
597	4	29-May-04	5993130.69	324510.47	10.88	FRDN 6
598	4	29-May-04	5993131.05	324510.39	10.90	FRDN 6
599	4	29-May-04	5993131.54	324510.28	10.89	FRDN 6
600	4	29-May-04	5993132.09	324510.19	10.88	FRDN 6
601	4	29-May-04	5993132.85	324510.02	10.83	FRDN 6
602	4	29-May-04	5993133.44	324509.94	10.81	FRDN 6
603	4	29-May-04	5993133.97	324509.84	10.79	FRDN 6
604	4	29-May-04	5993134.44	324509.71	10.75	FRDN 6
605	4	29-May-04	5993135.02	324509.62	10.74	FRDN 6
606	4	29-May-04	5993135.64	324509.47	10.70	FRDN 6
607	4	29-May-04	5993136.34	324509.31	10.66	FRDN 6

608	4	29-May-04	5993137.18	324509.12	10.60	FRDN 6
609	4	29-May-04	5993137.73	324508.98	10.54	FRDN 6
610	4	29-May-04	5993138.42	324508.82	10.49	FRDN 6
611	4	29-May-04	5993138.97	324508.74	10.43	FRDN 6
612	4	29-May-04	5993139.64	324508.52	10.34	FRDN 6
613	4	29-May-04	5993140.25	324508.39	10.27	FRDN 6
614	4	29-May-04	5993140.97	324508.25	10.17	FRDN 6
615	4	29-May-04	5993141.84	324508.03	10.06	FRDN 6
616	4	29-May-04	5993142.30	324508.01	9.99	FRDN 6
617	4	29-May-04	5993142.66	324507.99	9.97	FRDN 6
618	4	29-May-04	5993143.48	324507.91	9.91	FRDN 6
619	4	29-May-04	5993143.81	324507.82	9.96	FRDN 6
620	4	29-May-04	5993144.70	324507.67	9.98	FRDN 6
621	4	29-May-04	5993145.04	324507.69	9.91	FRDN 6
622	4	29-May-04	5993145.49	324507.59	9.85	FRDN 6
623	4	29-May-04	5993145.85	324507.49	9.81	FRDN 6
624	4	29-May-04	5993146.38	324507.36	9.75	FRDN 6
625	4	29-May-04	5993146.75	324507.33	9.72	FRDN 6
626	4	29-May-04	5993147.28	324507.25	9.73	FRDN 6
627	4	29-May-04	5993147.67	324507.23	9.76	FRDN 6
628	4	29-May-04	5993147.95	324507.16	9.78	FRDN 6
629	4	29-May-04	5993148.13	324507.05	9.80	FRDN 6
630	4	29-May-04	5993148.73	324506.91	9.73	FRDN 6
631	4	29-May-04	5993148.95	324506.85	9.72	FRDN 6
632	4	29-May-04	5993149.31	324506.74	9.66	FRDN 6
633	4	29-May-04	5993150.38	324506.58	9.74	FRDN 6
634	4	29-May-04	5993150.47	324506.57	9.75	FRDN 6
635	4	29-May-04	5993151.41	324506.44	9.93	FRDN 6
636	4	29-May-04	5993151.73	324506.33	9.90	FRDN 6
637	4	29-May-04	5993151.95	324506.31	9.87	FRDN 6
638	4	29-May-04	5993152.41	324506.22	9.79	FRDN 6
639	4	29-May-04	5993152.89	324506.13	9.75	FRDN 6
640	4	29-May-04	5993153.30	324506.07	9.72	FRDN 6
641	4	29-May-04	5993154.03	324505.96	9.68	FRDN 6
642	4	29-May-04	5993154.85	324505.83	9.71	FRDN 6
643	4	29-May-04	5993155.43	324505.70	9.76	FRDN 6
644	4	29-May-04	5993156.01	324505.59	9.78	FRDN 6
645	4	29-May-04	5993156.56	324505.49	9.79	FRDN 6
646	4	29-May-04	5993157.16	324505.38	9.81	FRDN 6
647	4	29-May-04	5993157.88	324505.25	9.88	FRDN 6
648	4	29-May-04	5993158.42	324505.13	9.93	FRDN 6
649	4	29-May-04	5993158.78	324505.11	10.00	FRDN 6
650	4	29-May-04	5993159.05	324505.06	10.07	FRDN 6
651	4	29-May-04	5993160.37	324504.79	10.21	FRDN 6
652	4	29-May-04	5993160.69	324504.77	10.11	FRDN 6
653	4	29-May-04	5993160.84	324504.72	10.05	FRDN 6
654	4	29-May-04	5993161.08	324504.70	9.97	FRDN 6
655	4	29-May-04	5993161.35	324504.65	9.92	FRDN 6
656	4	29-May-04	5993161.74	324504.54	9.86	FRDN 6
657	4	29-May-04	5993162.26	324504.34	9.79	FRDN 6
658	4	29-May-04	5993162.78	324504.14	9.72	FRDN 6

659	4	29-May-04	5993163.17	324504.07	9.72	FRDN 6
660	4	29-May-04	5993163.72	324503.76	9.70	FRDN 6
661	4	29-May-04	5993164.55	324503.62	9.62	FRDN 6
662	4	29-May-04	5993166.35	324503.06	9.48	FRDN 6
663	4	29-May-04	5993167.29	324502.81	9.43	FRDN 6
664	4	29-May-04	5993168.80	324502.50	9.37	FRDN 6
665	4	29-May-04	5993169.66	324502.06	9.35	FRDN 6
666	4	29-May-04	5993170.78	324501.82	9.37	FRDN 6
667	4	29-May-04	5993171.39	324501.69	9.40	FRDN 6
668	4	29-May-04	5993172.03	324501.59	9.43	FRDN 6
669	4	29-May-04	5993172.69	324501.48	9.47	FRDN 6
670	4	29-May-04	5993173.00	324500.83	9.48	FRDN 6
671	4	29-May-04	5993174.31	324501.14	9.36	BCH 6
672	4	29-May-04	5993175.23	324500.75	9.22	BCH 6
673	4	29-May-04	5993176.12	324500.67	9.13	BCH 6
674	4	29-May-04	5993177.46	324500.43	8.97	BCH 6
675	4	29-May-04	5993179.51	324499.84	8.78	BCH 6
676	4	29-May-04	5993181.93	324500.17	8.64	BCH 6
677	4	29-May-04	5993184.06	324499.60	8.60	BCH 6
678	4	29-May-04	5993186.14	324499.22	8.59	BCH 6
679	4	29-May-04	5993188.40	324498.94	8.62	BCH 6
680	4	29-May-04	5993190.50	324498.47	8.58	BCH 6
681	4	29-May-04	5993191.92	324498.26	8.54	BCH 6
682	4	29-May-04	5993193.93	324497.95	8.45	BCH 6
683	4	29-May-04	5993195.98	324497.57	8.39	BCH 6
684	4	29-May-04	5993197.87	324497.19	8.47	BCH 6
685	4	29-May-04	5993198.75	324496.95	8.54	BCH 6
686	4	29-May-04	5993199.20	324496.91	8.68	BCH 6
687	4	29-May-04	5993199.61	324496.84	8.76	BCH 6
688	4	29-May-04	5993199.09	324495.64	8.79	BCH 6
689	4	29-May-04	5993202.13	324494.87	8.91	BCH 6
690	4	29-May-04	5993207.00	324493.74	8.95	BCH 6
691	4	29-May-04	5993210.92	324492.96	8.93	BCH 6
692	4	29-May-04	5993214.70	324492.29	8.89	BCH 6
693	4	29-May-04	5993220.13	324491.09	8.84	BCH 6
694	4	29-May-04	5993223.76	324490.26	8.86	BCH 6
695	4	29-May-04	5993227.61	324488.91	8.89	BCH 6
696	4	29-May-04	5993232.24	324488.09	8.89	BCH 6
697	4	29-May-04	5993236.14	324487.42	8.77	BCH 6
698	4	29-May-04	5993237.54	324486.00	8.73	BCH 6
699	4	29-May-04	5993238.54	324485.77	8.75	BCH 6
700	4	29-May-04	5993239.44	324485.60	8.82	BCH 6
701	4	29-May-04	5993243.07	324484.86	8.83	BCH 6
702	4	29-May-04	5993245.59	324484.33	8.75	BCH 6
703	4	29-May-04	5993248.45	324483.77	8.65	BCH 6
704	4	29-May-04	5993252.88	324482.81	8.68	BCH 6
705	4	29-May-04	5993256.55	324482.14	8.48	BCH 6
706	4	29-May-04	5993258.53	324481.74	8.44	BCH 6
707	4	29-May-04	5993263.95	324480.53	8.25	BCH 6
708	4	29-May-04	5993266.35	324479.88	8.18	BCH 6
709	4	29-May-04	5993269.07	324479.26	8.02	BCH 6

710	4	29-May-04	5993271.39	324478.83	7.92	BCH 6
711	4	29-May-04	5993273.92	324478.19	7.90	BCH 6
712	4	29-May-04	5993276.14	324477.75	7.83	BCH 6
713	4	29-May-04	5993277.11	324477.48	7.79	BCH 6
714	4	29-May-04	5993278.13	324477.29	7.64	BCH 6
715	4	29-May-04	5993278.93	324477.22	7.52	BCH 6
716	4	29-May-04	5993280.32	324476.57	7.32	BCH 6
1	4	**22-Jul-04**	**5993134.00**	**324552.00**	**11.58**	**Top Rebar BM 2**
2	4	**22-Jul-04**	**5993134.00**	**324552.00**	**10.92**	**Btm Rebar BM 2**
3	4	22-Jul-04	5993141.73	324575.17	12.79	BM3 TOP
4	4	22-Jul-04	5993141.66	324575.17	11.92	BM3 BTM
5	4	22-Jul-04	5993145.07	324549.57	11.87	BM8 BTM
6	4	22-Jul-04	5993114.34	324582.87	11.79	1FRDN
7	4	22-Jul-04	5993115.23	324582.69	11.97	1FRDN
8	4	22-Jul-04	5993116.15	324582.61	12.04	1FRDN
9	4	22-Jul-04	5993116.75	324582.52	12.19	1FRDN
10	4	22-Jul-04	5993117.68	324582.28	12.62	1FRDN
11	4	22-Jul-04	5993118.64	324582.03	12.92	1FRDN
12	4	22-Jul-04	5993119.52	324581.94	13.36	1FRDN
13	4	22-Jul-04	5993120.15	324581.72	13.66	1FRDN
14	4	22-Jul-04	5993120.72	324581.64	13.88	1FRDN
15	4	22-Jul-04	5993121.76	324581.42	13.85	1FRDN
16	4	22-Jul-04	5993122.89	324581.19	13.66	1FRDN
17	4	22-Jul-04	5993123.72	324580.84	13.52	1FRDN
18	4	22-Jul-04	5993124.96	324580.58	13.25	1FRDN
19	4	22-Jul-04	5993126.01	324580.34	13.09	1FRDN
20	4	22-Jul-04	5993126.80	324580.13	13.02	1FRDN
21	4	22-Jul-04	5993127.56	324579.94	13.02	1FRDN
22	4	22-Jul-04	5993128.40	324579.81	12.88	1FRDN
23	4	22-Jul-04	5993129.30	324579.60	12.93	1FRDN
24	4	22-Jul-04	5993130.33	324579.42	13.00	1FRDN
25	4	22-Jul-04	5993130.90	324579.23	12.81	1FRDN
26	4	22-Jul-04	5993131.41	324579.15	12.52	1FRDN
27	4	22-Jul-04	5993132.02	324578.99	12.31	1FRDN
28	4	22-Jul-04	5993132.32	324578.91	12.20	1FRDN
29	4	22-Jul-04	5993132.86	324578.77	12.08	1FRDN
30	4	22-Jul-04	5993133.20	324578.67	11.98	1FRDN
31	4	22-Jul-04	5993133.94	324578.53	11.95	1FRDN
32	4	22-Jul-04	5993134.68	324578.43	11.95	1FRDN
33	4	22-Jul-04	5993135.28	324578.28	11.81	1FRDN
34	4	22-Jul-04	5993135.89	324578.11	11.69	1FRDN
35	4	22-Jul-04	5993136.43	324578.01	11.55	1FRDN
36	4	22-Jul-04	5993136.98	324577.88	11.48	1FRDN
37	4	22-Jul-04	5993137.36	324577.81	11.39	1FRDN
38	4	22-Jul-04	5993138.13	324577.62	11.34	1FRDN
39	4	22-Jul-04	5993142.34	324576.61	11.06	1FRDN
40	4	22-Jul-04	5993143.16	324576.47	11.04	1FRDN
41	4	22-Jul-04	5993143.84	324576.34	11.09	1FRDN
42	4	22-Jul-04	5993144.35	324576.22	11.15	1FRDN
43	4	22-Jul-04	5993145.11	324576.03	11.05	1FRDN
44	4	22-Jul-04	5993146.04	324575.88	11.01	1FRDN

45	4	22-Jul-04	5993146.83	324575.67	10.94	1FRDN
46	4	22-Jul-04	5993147.55	324575.51	10.94	1FRDN
47	4	22-Jul-04	5993148.38	324575.28	10.97	1FRDN
48	4	22-Jul-04	5993149.36	324575.09	10.89	1FRDN
49	4	22-Jul-04	5993150.43	324574.93	10.77	1DFTWDSND
50	4	22-Jul-04	5993151.28	324574.88	10.48	1DFTWDSND
51	4	22-Jul-04	5993152.33	324574.65	10.02	1DFTWDSND
52	4	22-Jul-04	5993153.27	324574.42	9.75	1DFTWDSND
53	4	22-Jul-04	5993153.92	324574.24	9.52	1DFTWDSND
54	4	22-Jul-04	5993154.95	324573.95	9.40	1DFTWDSND
55	4	22-Jul-04	5993155.38	324573.81	9.25	1DFTWDSND
56	4	22-Jul-04	5993156.48	324573.49	9.05	1DFTWDSND
57	4	22-Jul-04	5993156.95	324573.31	8.97	1DFTWDSND
58	4	22-Jul-04	5993157.45	324573.17	8.95	1DFTWDSND
59	4	22-Jul-04	5993157.95	324573.00	8.87	1DFTWDSND
60	4	22-Jul-04	5993158.53	324572.95	8.94	1DFTWDSND
61	4	22-Jul-04	5993159.44	324572.71	8.84	1DFTWDSND
62	4	22-Jul-04	5993160.38	324572.50	8.84	1DFTWDSND
63	4	22-Jul-04	5993161.27	324572.39	8.87	1DFTWDSND
64	4	22-Jul-04	5993162.41	324572.11	8.90	1DFTWDSND
65	4	22-Jul-04	5993163.13	324571.86	8.93	1DFTWDSND
66	4	22-Jul-04	5993164.18	324571.52	8.98	1DFTWDSND
67	4	22-Jul-04	5993164.50	324571.41	8.95	1DFTWDSND
68	4	22-Jul-04	5993165.01	324571.48	9.04	1DFTWDSND
69	4	22-Jul-04	5993165.68	324571.26	9.11	1DFTWDSND
70	4	22-Jul-04	5993166.79	324571.06	9.21	1DFTWDSND
71	4	22-Jul-04	5993167.23	324570.96	9.24	1DFTWDSND
72	4	22-Jul-04	5993167.95	324570.88	9.33	1DFTWDSND
73	4	22-Jul-04	5993168.51	324570.72	9.37	1DFTWDSND
74	4	22-Jul-04	5993169.57	324570.42	9.51	1DFTWDSND
75	4	22-Jul-04	5993170.60	324570.20	9.64	1DFTWDSND
76	4	22-Jul-04	5993171.07	324570.05	9.68	1DFTWDSND
77	4	22-Jul-04	5993171.96	324569.74	9.59	1DFTWDSND
78	4	22-Jul-04	5993172.55	324569.67	9.81	1DFTWDSND
79	4	22-Jul-04	5993173.42	324569.55	9.97	1DFTWDSND
80	4	22-Jul-04	5993173.92	324569.45	9.89	1DFTWDSND
81	4	22-Jul-04	5993174.66	324569.40	9.60	1DFTWDSND
82	4	22-Jul-04	5993174.91	324569.28	9.65	1DFTWDSND
83	4	22-Jul-04	5993175.51	324569.09	9.73	1DFTWDSND
84	4	22-Jul-04	5993176.02	324569.05	9.51	1DFTWDSND
85	4	22-Jul-04	5993177.01	324568.87	9.58	1DFTWDSND
86	4	22-Jul-04	5993177.89	324568.64	9.38	1DFTWDSND
87	4	22-Jul-04	5993179.32	324568.41	9.18	1DFTWDSND
88	4	22-Jul-04	5993179.86	324568.30	9.32	1DFTWDSND
89	4	22-Jul-04	5993180.42	324568.27	9.42	1DFTWDSND
90	4	22-Jul-04	5993181.27	324568.18	9.31	1DFTWDSND
91	4	22-Jul-04	5993181.84	324567.94	9.17	1DFTWDSND
92	4	22-Jul-04	5993182.61	324567.38	8.99	1DFTWDSND
93	4	22-Jul-04	5993183.25	324567.29	8.92	1DFTWDSND
94	4	22-Jul-04	5993184.14	324567.18	8.89	1DFTWDSND
95	4	22-Jul-04	5993185.19	324566.76	8.84	1DFTWDSND

96	4	22-Jul-04	5993186.51	324566.27	8.71	1DFTWDSND
97	4	22-Jul-04	5993187.40	324566.01	8.61	1DFTWDSND
98	4	22-Jul-04	5993188.79	324565.89	8.55	1DFTWDSND
99	4	22-Jul-04	5993189.49	324565.80	8.54	1DFTWDSND
100	4	22-Jul-04	5993190.16	324565.66	8.53	1DFTWDSND
101	4	22-Jul-04	5993190.91	324565.56	8.44	1DFTWDSND
102	4	22-Jul-04	5993191.77	324565.23	8.39	1DFTWDSND
103	4	22-Jul-04	5993192.65	324565.20	8.30	1DFTWDSND
104	4	22-Jul-04	5993193.37	324564.94	8.37	1DFTWDSND
105	4	22-Jul-04	5993194.63	324564.62	8.31	1DFTWDSND
106	4	22-Jul-04	5993195.24	324564.61	8.23	1DFTWDSND
107	4	22-Jul-04	5993195.66	324564.44	8.20	1DFTWDSND
108	4	22-Jul-04	5993196.01	324564.42	8.26	1DFTWDSND
109	4	22-Jul-04	5993197.02	324563.90	8.27	1DFTWDSND
110	4	22-Jul-04	5993198.04	324563.48	8.29	1DFTWDSND
111	4	22-Jul-04	5993199.03	324563.04	8.33	1DFTWDSND
112	4	22-Jul-04	5993200.25	324563.04	8.32	1DFTWDSND
113	4	22-Jul-04	5993200.60	324562.99	8.27	1DFTWDSND
114	4	22-Jul-04	5993201.35	324562.91	8.20	1DFTWDSND
115	4	22-Jul-04	5993202.63	324562.42	7.94	1SND
116	4	22-Jul-04	5993205.39	324561.98	7.61	1SND
117	4	22-Jul-04	5993207.53	324561.33	7.44	1SND
118	4	22-Jul-04	5993210.11	324560.85	7.40	1SND
119	4	22-Jul-04	5993214.01	324559.90	7.43	1SND
120	4	22-Jul-04	5993218.28	324559.18	7.48	1SND
121	4	22-Jul-04	5993224.67	324557.77	7.43	1SND
122	4	22-Jul-04	5993231.13	324556.17	7.23	1SND
123	4	22-Jul-04	5993234.66	324555.42	7.15	1SND
124	4	22-Jul-04	5993236.86	324554.94	7.21	1SND
125	4	22-Jul-04	5993237.88	324554.49	7.34	1SND
126	4	22-Jul-04	5993238.69	324554.24	7.50	1SND
127	4	22-Jul-04	5993241.37	324553.62	7.64	1SND
128	4	22-Jul-04	5993247.96	324552.12	7.69	1SND
129	4	22-Jul-04	5993265.31	324548.68	7.43	1SND
130	4	22-Jul-04	5993271.68	324547.44	7.36	1SND
131	4	22-Jul-04	5993275.99	324546.55	7.25	1SND
132	4	22-Jul-04	5993282.48	324544.70	7.18	1SND
133	4	22-Jul-04	5993286.67	324543.72	6.96	1SND
134	4	22-Jul-04	5993294.65	324542.00	6.43	1SND
135	4	22-Jul-04	5993302.25	324539.97	6.12	1SND
136	4	22-Jul-04	5993312.48	324537.53	5.74	1SND
137	4	22-Jul-04	5993321.76	324535.15	5.16	1SND
138	4	22-Jul-04	5993334.75	324532.52	4.14	1SND
139	4	22-Jul-04	5993340.27	324531.60	3.41	1SND
140	4	22-Jul-04	5993339.53	324516.68	3.35	2SND
141	4	22-Jul-04	5993332.43	324518.28	4.15	2SND
142	4	22-Jul-04	5993321.78	324521.57	5.01	2SND
143	4	22-Jul-04	5993313.08	324524.14	5.62	2SND
144	4	22-Jul-04	5993305.30	324526.10	5.93	2SND
145	4	22-Jul-04	5993298.90	324527.57	6.16	2SND
146	4	22-Jul-04	5993292.87	324528.69	6.45	2SND

147	4	22-Jul-04	5993288.30	324529.70	6.75	2SND
148	4	22-Jul-04	5993282.29	324531.18	7.18	2SND
149	4	22-Jul-04	5993273.73	324532.94	7.27	2SND
150	4	22-Jul-04	5993265.13	324534.86	7.43	2SND
151	4	22-Jul-04	5993257.08	324537.00	7.70	2SND
152	4	22-Jul-04	5993253.61	324537.78	7.69	2SND
153	4	22-Jul-04	5993249.18	324538.55	7.73	2SND
154	4	22-Jul-04	5993241.84	324540.24	7.70	2SND
155	4	22-Jul-04	5993237.27	324541.35	7.52	2SND
156	4	22-Jul-04	5993236.34	324541.56	7.36	2SND
157	4	22-Jul-04	5993234.57	324542.01	7.26	2SND
158	4	22-Jul-04	5993232.35	324542.51	7.25	2SND
159	4	22-Jul-04	5993225.77	324543.90	7.37	2SND
160	4	22-Jul-04	5993219.77	324545.37	7.47	2SND
161	4	22-Jul-04	5993214.04	324546.82	7.40	2SND
162	4	22-Jul-04	5993209.50	324547.87	7.37	2SND
163	4	22-Jul-04	5993204.72	324549.32	7.46	2SND
164	4	22-Jul-04	5993202.00	324549.53	7.64	2SND
165	4	22-Jul-04	5993199.37	324550.05	7.97	2DFTWDSND
166	4	22-Jul-04	5993197.90	324550.52	8.19	2DFTWDSND
167	4	22-Jul-04	5993197.05	324550.74	8.43	2DFTWDSND
168	4	22-Jul-04	5993196.38	324550.86	8.36	2DFTWDSND
169	4	22-Jul-04	5993195.32	324551.04	8.31	2DFTWDSND
170	4	22-Jul-04	5993194.57	324551.12	8.37	2DFTWDSND
171	4	22-Jul-04	5993193.45	324551.37	8.38	2DFTWDSND
172	4	22-Jul-04	5993192.37	324551.55	8.36	2DFTWDSND
173	4	22-Jul-04	5993191.19	324551.86	8.29	2DFTWDSND
174	4	22-Jul-04	5993189.97	324552.19	8.25	2DFTWDSND
175	4	22-Jul-04	5993188.82	324552.52	8.30	2DFTWDSND
176	4	22-Jul-04	5993188.30	324552.65	8.41	2DFTWDSND
177	4	22-Jul-04	5993187.87	324552.66	8.34	2DFTWDSND
178	4	22-Jul-04	5993187.30	324552.85	8.37	2DFTWDSND
179	4	22-Jul-04	5993186.55	324552.92	8.44	2DFTWDSND
180	4	22-Jul-04	5993186.03	324553.00	8.51	2DFTWDSND
181	4	22-Jul-04	5993185.27	324553.16	8.55	2DFTWDSND
182	4	22-Jul-04	5993184.08	324553.42	8.72	2DFTWDSND
183	4	22-Jul-04	5993183.33	324553.67	8.84	2DFTWDSND
184	4	22-Jul-04	5993182.65	324553.83	8.92	2DFTWDSND
185	4	22-Jul-04	5993182.14	324553.94	9.03	2DFTWDSND
186	4	22-Jul-04	5993181.33	324554.16	9.18	2DFTWDSND
187	4	22-Jul-04	5993180.85	324554.34	9.26	2DFTWDSND
188	4	22-Jul-04	5993180.21	324554.54	9.28	2DFTWDSND
189	4	22-Jul-04	5993179.73	324554.66	9.43	2DFTWDSND
190	4	22-Jul-04	5993179.31	324554.74	9.59	2DFTWDSND
191	4	22-Jul-04	5993178.74	324554.88	9.64	2DFTWDSND
192	4	22-Jul-04	5993178.27	324555.00	9.56	2DFTWDSND
193	4	22-Jul-04	5993177.56	324555.11	9.62	2DFTWDSND
194	4	22-Jul-04	5993177.05	324555.15	9.51	2DFTWDSND
195	4	22-Jul-04	5993176.62	324555.19	9.44	2DFTWDSND
196	4	22-Jul-04	5993175.99	324555.27	9.51	2DFTWDSND
197	4	22-Jul-04	5993175.41	324555.38	9.61	2DFTWDSND

198	4	22-Jul-04	5993174.97	324555.47	9.65	2DFTWDSND
199	4	22-Jul-04	5993174.10	324555.64	9.68	2DFTWDSND
200	4	22-Jul-04	5993173.49	324555.85	9.70	2DFTWDSND
201	4	22-Jul-04	5993173.10	324555.94	9.59	2DFTWDSND
202	4	22-Jul-04	5993172.00	324556.17	9.55	2DFTWDSND
203	4	22-Jul-04	5993170.75	324556.48	9.34	2DFTWDSND
204	4	22-Jul-04	5993169.98	324556.84	9.38	2DFTWDSND
205	4	22-Jul-04	5993169.45	324556.86	9.27	2DFTWDSND
206	4	22-Jul-04	5993168.71	324557.04	9.16	2DFTWDSND
207	4	22-Jul-04	5993167.79	324557.23	9.15	2DFTWDSND
208	4	22-Jul-04	5993167.22	324557.34	9.10	2DFTWDSND
209	4	22-Jul-04	5993166.50	324557.51	8.91	2DFTWDSND
210	4	22-Jul-04	5993165.44	324557.90	8.91	2DFTWDSND
211	4	22-Jul-04	5993164.24	324558.14	8.94	2DFTWDSND
212	4	22-Jul-04	5993163.50	324558.31	8.72	2DFTWDSND
213	4	22-Jul-04	5993162.15	324558.66	8.69	2DFTWDSND
214	4	22-Jul-04	5993161.53	324558.77	8.66	2DFTWDSND
215	4	22-Jul-04	5993161.11	324558.85	8.78	2DFTWDSND
216	4	22-Jul-04	5993160.67	324558.93	8.98	2DFTWDSND
217	4	22-Jul-04	5993159.73	324559.11	9.00	2DFTWDSND
218	4	22-Jul-04	5993159.23	324559.28	9.01	2DFTWDSND
219	4	22-Jul-04	5993158.39	324559.41	8.95	2DFTWDSND
220	4	22-Jul-04	5993157.77	324559.58	9.04	2DFTWDSND
221	4	22-Jul-04	5993157.21	324559.73	8.96	2DFTWDSND
222	4	22-Jul-04	5993157.00	324559.77	8.85	2DFTWDSND
223	4	22-Jul-04	5993156.44	324559.87	8.84	2DFTWDSND
224	4	22-Jul-04	5993155.73	324560.04	8.71	2DFTWDSND
225	4	22-Jul-04	5993153.93	324560.40	8.72	2DFTWDSND
226	4	22-Jul-04	5993152.93	324560.61	8.90	2DFTWDSND
227	4	22-Jul-04	5993151.93	324560.81	9.26	2DFTWDSND
228	4	22-Jul-04	5993151.28	324561.05	9.81	2DFTWDSND
229	4	22-Jul-04	5993150.44	324561.25	10.19	2DFTWDSND
230	4	22-Jul-04	5993149.61	324561.44	10.44	2DFTWDSND
231	4	22-Jul-04	5993148.60	324561.65	10.65	2DFTWDSND
232	4	22-Jul-04	5993147.44	324561.94	10.81	2DFTWDSND
233	4	22-Jul-04	5993146.81	324562.02	10.91	2DFTWDSND
234	4	22-Jul-04	5993144.87	324562.44	11.35	2DFTWDSND
235	4	22-Jul-04	5993143.63	324562.78	11.48	2FRDN
236	4	22-Jul-04	5993142.43	324562.98	11.45	2FRDN
237	4	22-Jul-04	5993141.58	324563.11	11.56	2FRDN
238	4	22-Jul-04	5993140.23	324563.30	11.57	2FRDN
239	4	22-Jul-04	5993139.35	324563.70	11.72	2FRDN
240	4	22-Jul-04	5993136.97	324564.10	11.88	2FRDN
241	4	22-Jul-04	5993135.47	324564.49	12.11	2FRDN
242	4	22-Jul-04	5993132.75	324565.02	12.57	2FRDN
243	4	22-Jul-04	5993131.09	324565.18	12.53	2FRDN
244	4	22-Jul-04	5993129.44	324565.52	12.66	2FRDN
245	4	22-Jul-04	5993127.23	324566.00	12.71	2FRDN
246	4	22-Jul-04	5993125.56	324566.47	12.66	2FRDN
247	4	22-Jul-04	5993123.19	324566.98	12.61	2FRDN
248	4	22-Jul-04	5993122.20	324567.14	12.43	2FRDN

249	4	22-Jul-04	5993120.91	324567.64	12.23	2FRDN
250	4	22-Jul-04	5993119.97	324567.79	12.12	2FRDN
251	4	22-Jul-04	5993119.13	324567.92	11.97	2FRDN
252	4	22-Jul-04	5993118.23	324568.04	11.94	2FRDN
253	4	22-Jul-04	5993116.87	324568.39	11.69	2FRDN
254	4	22-Jul-04	5993116.07	324568.75	11.67	2FRDN
255	4	22-Jul-04	5993115.37	324568.92	11.48	2FRDN
256	4	22-Jul-04	5993113.93	324569.43	11.25	2FRDN
257	4	22-Jul-04	5993112.32	324569.95	11.09	2FRDN
258	4	22-Jul-04	5993113.56	324555.97	10.57	3FRDN
259	4	22-Jul-04	5993115.53	324555.60	10.77	3FRDN
260	4	22-Jul-04	5993117.23	324555.32	11.11	3FRDN
261	4	22-Jul-04	5993120.51	324554.76	11.91	3FRDN
262	4	22-Jul-04	5993122.82	324554.28	12.63	3FRDN
263	4	22-Jul-04	5993124.54	324553.84	12.95	3FRDN
264	4	22-Jul-04	5993126.59	324553.29	13.07	3FRDN
265	4	22-Jul-04	5993127.57	324553.14	12.92	3FRDN
266	4	22-Jul-04	5993129.93	324552.63	12.74	3FRDN
267	4	22-Jul-04	5993130.94	324552.26	12.44	3FRDN
268	4	22-Jul-04	5993132.21	324552.05	11.94	3FRDN
269	4	22-Jul-04	5993133.31	324552.12	11.73	3FRDN
270	4	22-Jul-04	5993134.41	324551.88	11.48	3FRDN
271	4	22-Jul-04	5993135.81	324551.55	11.47	3FRDN
272	4	22-Jul-04	5993137.49	324551.06	11.80	3FRDN
273	4	22-Jul-04	5993138.79	324550.80	11.83	3FRDN
274	4	22-Jul-04	5993140.26	324550.39	11.79	3FRDN
275	4	22-Jul-04	5993142.36	324549.78	11.92	3FRDN
276	4	22-Jul-04	5993144.05	324549.33	11.91	3FRDN
277	4	22-Jul-04	5993145.52	324549.00	11.80	3FRDN
278	4	22-Jul-04	5993146.41	324548.73	11.44	3FRDN
279	4	22-Jul-04	5993147.61	324548.35	10.77	3FRDN
280	4	22-Jul-04	5993148.71	324547.92	10.04	3FRDN
281	4	22-Jul-04	5993149.42	324547.79	9.71	3FRDN
282	4	22-Jul-04	5993149.97	324547.66	9.44	3FRDN
283	4	22-Jul-04	5993151.15	324547.35	9.20	3DFTWDSND
284	4	22-Jul-04	5993152.33	324547.00	9.10	3DFTWDSND
285	4	22-Jul-04	5993153.39	324546.71	9.08	3DFTWDSND
286	4	22-Jul-04	5993154.31	324546.44	8.99	3DFTWDSND
287	4	22-Jul-04	5993155.53	324546.18	9.04	3DFTWDSND
288	4	22-Jul-04	5993156.25	324545.88	8.95	3DFTWDSND
289	4	22-Jul-04	5993157.13	324545.63	8.93	3DFTWDSND
290	4	22-Jul-04	5993157.95	324545.55	8.95	3DFTWDSND
291	4	22-Jul-04	5993158.26	324545.39	9.03	3DFTWDSND
292	4	22-Jul-04	5993159.23	324545.14	8.91	3DFTWDSND
293	4	22-Jul-04	5993159.92	324544.98	8.89	3DFTWDSND
294	4	22-Jul-04	5993160.65	324544.83	8.96	3DFTWDSND
295	4	22-Jul-04	5993161.35	324544.66	8.95	3DFTWDSND
296	4	22-Jul-04	5993162.00	324544.50	8.91	3DFTWDSND
297	4	22-Jul-04	5993162.75	324544.24	8.80	3DFTWDSND
298	4	22-Jul-04	5993163.36	324544.17	8.85	3DFTWDSND
299	4	22-Jul-04	5993163.91	324543.99	8.69	3DFTWDSND

300	4	22-Jul-04	5993164.24	324543.94	8.61	3DFTWDSND
301	4	22-Jul-04	5993164.92	324543.82	8.64	3DFTWDSND
302	4	22-Jul-04	5993166.35	324543.52	8.56	3DFTWDSND
303	4	22-Jul-04	5993167.40	324543.22	8.63	3DFTWDSND
304	4	22-Jul-04	5993168.24	324542.84	8.73	3DFTWDSND
305	4	22-Jul-04	5993169.74	324542.89	8.76	3DFTWDSND
306	4	22-Jul-04	5993170.84	324542.89	8.71	3DFTWDSND
307	4	22-Jul-04	5993172.37	324542.77	8.82	3DFTWDSND
308	4	22-Jul-04	5993173.97	324542.42	8.95	3DFTWDSND
309	4	22-Jul-04	5993175.43	324542.00	9.09	3DFTWDSND
310	4	22-Jul-04	5993176.77	324541.59	9.14	3DFTWDSND
311	4	22-Jul-04	5993177.91	324541.47	9.17	3DFTWDSND
312	4	22-Jul-04	5993178.85	324541.21	9.31	3DFTWDSND
313	4	22-Jul-04	5993179.67	324541.22	9.48	3DFTWDSND
314	4	22-Jul-04	5993180.39	324541.06	9.44	3DFTWDSND
315	4	22-Jul-04	5993181.32	324540.80	9.39	3DFTWDSND
316	4	22-Jul-04	5993181.84	324540.72	9.12	3DFTWDSND
317	4	22-Jul-04	5993182.09	324540.70	9.08	3DFTWDSND
318	4	22-Jul-04	5993182.34	324540.58	9.15	3DFTWDSND
319	4	22-Jul-04	5993182.91	324540.52	8.91	3DFTWDSND
320	4	22-Jul-04	5993183.23	324540.44	8.77	3DFTWDSND
321	4	22-Jul-04	5993183.59	324540.33	8.92	3DFTWDSND
322	4	22-Jul-04	5993183.88	324540.21	8.89	3DFTWDSND
323	4	22-Jul-04	5993184.28	324540.11	8.70	3DFTWDSND
324	4	22-Jul-04	5993185.17	324539.97	8.49	3DFTWDSND
325	4	22-Jul-04	5993186.18	324539.88	8.43	3DFTWDSND
326	4	22-Jul-04	5993186.82	324539.78	8.45	3DFTWDSND
327	4	22-Jul-04	5993187.91	324539.61	8.30	3DFTWDSND
328	4	22-Jul-04	5993188.97	324539.38	8.27	3DFTWDSND
329	4	22-Jul-04	5993190.03	324538.93	8.22	3DFTWDSND
330	4	22-Jul-04	5993191.11	324538.67	8.33	3DFTWDSND
331	4	22-Jul-04	5993191.92	324538.54	8.39	3DFTWDSND
332	4	22-Jul-04	5993192.56	324538.29	8.37	3DFTWDSND
333	4	22-Jul-04	5993193.34	324538.05	8.36	3DFTWDSND
334	4	22-Jul-04	5993194.37	324537.74	8.41	3DFTWDSND
335	4	22-Jul-04	5993194.74	324537.48	8.21	3DFTWDSND
336	4	22-Jul-04	5993195.36	324537.19	8.13	3DFTWDSND
337	4	22-Jul-04	5993196.22	324536.90	7.94	3DFTWDSND
338	4	22-Jul-04	5993198.20	324536.28	7.70	3SND
339	4	22-Jul-04	5993199.73	324536.01	7.51	3SND
340	4	22-Jul-04	5993204.36	324534.73	7.37	3SND
341	4	22-Jul-04	5993213.04	324532.90	7.39	3SND
342	4	22-Jul-04	5993219.26	324532.09	7.44	3SND
343	4	22-Jul-04	5993224.65	324531.39	7.41	3SND
344	4	22-Jul-04	5993230.07	324529.57	7.32	3SND
345	4	22-Jul-04	5993232.18	324529.22	7.38	3SND
346	4	22-Jul-04	5993233.54	324529.02	7.50	3SND
347	4	22-Jul-04	5993235.55	324528.63	7.64	3SND
348	4	22-Jul-04	5993245.49	324526.09	7.73	3SND
349	4	22-Jul-04	5993252.58	324524.82	7.71	3SND
350	4	22-Jul-04	5993259.17	324523.23	7.55	3SND

351	4	22-Jul-04	5993263.82	324522.25	7.42	3SND
352	4	22-Jul-04	5993268.31	324522.04	7.40	3SND
353	4	22-Jul-04	5993282.19	324518.27	6.90	3SND
354	4	22-Jul-04	5993294.64	324515.61	6.26	3SND
355	4	22-Jul-04	5993309.38	324512.07	5.66	3SND
356	4	22-Jul-04	5993322.05	324509.95	4.82	3SND
357	4	22-Jul-04	5993333.27	324507.84	3.92	3SND
358	4	22-Jul-04	5993337.86	324506.54	3.32	3SND
359	4	22-Jul-04	5993350.00	324503.17	3.29	3SND
360	4	22-Jul-04	5993347.36	324491.75	3.14	4SND
361	4	22-Jul-04	5993335.59	324493.54	3.33	4SND
362	4	22-Jul-04	5993328.61	324494.88	4.12	4SND
363	4	22-Jul-04	5993315.66	324497.85	5.13	4SND
364	4	22-Jul-04	5993300.56	324501.65	5.93	4SND
365	4	22-Jul-04	5993292.17	324503.75	6.24	4SND
366	4	22-Jul-04	5993284.14	324504.98	6.66	4SND
367	4	22-Jul-04	5993274.23	324507.15	7.11	4SND
368	4	22-Jul-04	5993267.52	324508.67	7.26	4SND
369	4	22-Jul-04	5993262.44	324509.53	7.45	4SND
370	4	22-Jul-04	5993257.49	324510.34	7.53	4SND
371	4	22-Jul-04	5993250.60	324512.10	7.72	4SND
372	4	22-Jul-04	5993239.49	324514.47	7.71	4SND
373	4	22-Jul-04	5993230.86	324515.90	7.64	4SND
374	4	22-Jul-04	5993226.14	324516.94	7.55	4SND
375	4	22-Jul-04	5993218.18	324519.24	7.58	4SND
376	4	22-Jul-04	5993213.22	324520.37	7.51	4SND
377	4	22-Jul-04	5993209.93	324521.02	7.30	4SND
378	4	22-Jul-04	5993205.71	324521.94	7.27	4SND
379	4	22-Jul-04	5993196.79	324524.17	7.58	4SND
380	4	22-Jul-04	5993194.27	324524.54	7.87	4DFTWDSND
381	4	22-Jul-04	5993193.37	324524.72	8.06	4DFTWDSND
382	4	22-Jul-04	5993192.53	324524.88	8.28	4DFTWDSND
383	4	22-Jul-04	5993191.52	324525.10	8.35	4DFTWDSND
384	4	22-Jul-04	5993189.14	324525.52	8.37	4DFTWDSND
385	4	22-Jul-04	5993188.00	324525.74	8.25	4DFTWDSND
386	4	22-Jul-04	5993187.00	324525.96	8.29	4DFTWDSND
387	4	22-Jul-04	5993186.37	324526.07	8.41	4DFTWDSND
388	4	22-Jul-04	5993185.92	324526.16	8.45	4DFTWDSND
389	4	22-Jul-04	5993185.29	324526.39	8.24	4DFTWDSND
390	4	22-Jul-04	5993184.07	324526.69	8.31	4DFTWDSND
391	4	22-Jul-04	5993183.28	324526.76	8.49	4DFTWDSND
392	4	22-Jul-04	5993182.41	324526.91	8.65	4DFTWDSND
393	4	22-Jul-04	5993181.49	324527.12	8.88	4DFTWDSND
394	4	22-Jul-04	5993180.68	324527.32	9.17	4DFTWDSND
395	4	22-Jul-04	5993179.36	324527.60	9.44	4DFTWDSND
396	4	22-Jul-04	5993178.54	324527.71	9.64	4DFTWDSND
397	4	22-Jul-04	5993177.40	324528.25	9.72	4DFTWDSND
398	4	22-Jul-04	5993175.11	324528.80	9.48	4DFTWDSND
399	4	22-Jul-04	5993174.67	324528.91	9.41	4DFTWDSND
400	4	22-Jul-04	5993174.01	324529.03	9.51	4DFTWDSND
401	4	22-Jul-04	5993172.45	324529.31	9.33	4DFTWDSND

402	4	22-Jul-04	5993170.63	324530.12	9.26	4DFTWDSND
403	4	22-Jul-04	5993169.26	324530.44	9.05	4DFTWDSND
404	4	22-Jul-04	5993168.16	324530.72	8.98	4DFTWDSND
405	4	22-Jul-04	5993167.34	324530.95	8.81	4DFTWDSND
406	4	22-Jul-04	5993166.25	324531.32	8.84	4DFTWDSND
407	4	22-Jul-04	5993165.26	324531.47	8.86	4DFTWDSND
408	4	22-Jul-04	5993163.80	324531.75	8.92	4DFTWDSND
409	4	22-Jul-04	5993162.88	324531.88	8.94	4DFTWDSND
410	4	22-Jul-04	5993161.48	324532.10	8.72	4DFTWDSND
411	4	22-Jul-04	5993160.19	324532.65	8.69	4DFTWDSND
412	4	22-Jul-04	5993159.26	324532.78	8.60	4DFTWDSND
413	4	22-Jul-04	5993156.50	324533.45	8.73	4DFTWDSND
414	4	22-Jul-04	5993154.01	324534.19	8.97	4DFTWDSND
415	4	22-Jul-04	5993150.89	324534.81	9.21	4FRDN
416	4	22-Jul-04	5993149.41	324535.14	9.47	4FRDN
417	4	22-Jul-04	5993147.31	324535.49	10.14	4FRDN
418	4	22-Jul-04	5993145.46	324535.96	10.75	4FRDN
419	4	22-Jul-04	5993144.29	324536.27	11.14	4FRDN
420	4	22-Jul-04	5993143.59	324536.38	11.04	4FRDN
421	4	22-Jul-04	5993142.06	324536.48	10.73	4FRDN
422	4	22-Jul-04	5993139.76	324537.05	11.02	4FRDN
423	4	22-Jul-04	5993138.67	324537.23	10.97	4FRDN
424	4	22-Jul-04	5993136.64	324537.73	11.20	4FRDN
425	4	22-Jul-04	5993134.99	324537.90	11.49	4FRDN
426	4	22-Jul-04	5993132.37	324538.66	12.47	4FRDN
427	4	22-Jul-04	5993130.54	324539.15	13.29	4FRDN
428	4	22-Jul-04	5993128.52	324539.57	13.15	4FRDN
429	4	22-Jul-04	5993126.30	324539.87	12.63	4FRDN
430	4	22-Jul-04	5993124.87	324539.92	12.60	4FRDN
431	4	22-Jul-04	5993123.23	324540.43	12.87	4FRDN
432	4	22-Jul-04	5993120.24	324541.57	12.44	4FRDN
433	4	22-Jul-04	5993116.96	324542.11	11.85	4FRDN
434	4	22-Jul-04	5993110.22	324530.20	9.57	5FRDN
435	4	22-Jul-04	5993112.29	324529.89	9.90	5FRDN
436	4	22-Jul-04	5993113.98	324529.81	10.11	5FRDN
437	4	22-Jul-04	5993115.70	324529.67	10.64	5FRDN
438	4	22-Jul-04	5993119.34	324528.87	11.27	5FRDN
439	4	22-Jul-04	5993121.15	324528.12	11.39	5FRDN
440	4	22-Jul-04	5993123.76	324527.49	11.78	5FRDN
441	4	22-Jul-04	5993126.00	324526.89	12.06	5FRDN
442	4	22-Jul-04	5993128.76	324526.32	12.18	5FRDN
443	4	22-Jul-04	5993132.08	324525.72	11.79	5FRDN
444	4	22-Jul-04	5993133.07	324525.40	11.23	5FRDN
445	4	22-Jul-04	5993134.03	324525.30	10.75	5FRDN
446	4	22-Jul-04	5993136.26	324524.74	10.46	5FRDN
447	4	22-Jul-04	5993138.07	324524.37	10.69	5FRDN
448	4	22-Jul-04	5993140.25	324523.94	10.80	5FRDN
449	4	22-Jul-04	5993141.47	324523.57	10.83	5FRDN
450	4	22-Jul-04	5993142.41	324523.28	10.40	5FRDN
451	4	22-Jul-04	5993143.57	324522.96	10.01	5FRDN
452	4	22-Jul-04	5993145.18	324522.59	9.72	5FRDN

453	4	22-Jul-04	5993146.38	324522.35	9.69	5FRDN
454	4	22-Jul-04	5993148.22	324521.99	9.51	5FRDN
455	4	22-Jul-04	5993150.03	324521.56	9.37	5DFTWDSND
456	4	22-Jul-04	5993150.73	324521.50	9.24	5DFTWDSND
457	4	22-Jul-04	5993151.73	324521.05	9.36	5DFTWDSND
458	4	22-Jul-04	5993153.82	324520.48	9.29	5DFTWDSND
459	4	22-Jul-04	5993155.12	324520.32	9.29	5DFTWDSND
460	4	22-Jul-04	5993155.72	324520.20	9.37	5DFTWDSND
461	4	22-Jul-04	5993156.52	324520.03	9.33	5DFTWDSND
462	4	22-Jul-04	5993157.39	324519.65	9.14	5DFTWDSND
463	4	22-Jul-04	5993158.31	324519.69	9.37	5DFTWDSND
464	4	22-Jul-04	5993158.88	324519.67	9.28	5DFTWDSND
465	4	22-Jul-04	5993159.52	324519.48	9.24	5DFTWDSND
466	4	22-Jul-04	5993162.50	324518.83	9.02	5DFTWDSND
467	4	22-Jul-04	5993164.04	324518.55	9.04	5DFTWDSND
468	4	22-Jul-04	5993164.98	324518.32	9.03	5DFTWDSND
469	4	22-Jul-04	5993166.28	324517.96	9.12	5DFTWDSND
470	4	22-Jul-04	5993166.98	324517.57	9.14	5DFTWDSND
471	4	22-Jul-04	5993168.13	324517.30	9.03	5DFTWDSND
472	4	22-Jul-04	5993169.66	324516.99	9.08	5DFTWDSND
473	4	22-Jul-04	5993171.42	324516.80	9.16	5DFTWDSND
474	4	22-Jul-04	5993172.67	324516.55	9.30	5DFTWDSND
475	4	22-Jul-04	5993173.72	324516.28	9.28	5DFTWDSND
476	4	22-Jul-04	5993175.68	324515.91	9.13	5DFTWDSND
477	4	22-Jul-04	5993176.71	324515.71	9.14	5DFTWDSND
478	4	22-Jul-04	5993177.90	324515.39	8.74	5DFTWDSND
479	4	22-Jul-04	5993178.90	324515.11	8.74	5DFTWDSND
480	4	22-Jul-04	5993180.02	324515.07	8.52	5DFTWDSND
481	4	22-Jul-04	5993180.95	324514.77	8.54	5DFTWDSND
482	4	22-Jul-04	5993182.03	324514.51	8.49	5DFTWDSND
483	4	22-Jul-04	5993183.49	324514.08	8.38	5DFTWDSND
484	4	22-Jul-04	5993185.05	324513.67	8.21	5DFTWDSND
485	4	22-Jul-04	5993186.02	324513.43	8.30	5DFTWDSND
486	4	22-Jul-04	5993186.69	324513.30	8.37	5DFTWDSND
487	4	22-Jul-04	5993187.45	324513.09	8.36	5DFTWDSND
488	4	22-Jul-04	5993187.75	324512.88	8.40	5DFTWDSND
489	4	22-Jul-04	5993188.39	324512.73	8.33	5DFTWDSND
490	4	22-Jul-04	5993188.66	324512.59	8.37	5DFTWDSND
491	4	22-Jul-04	5993189.22	324512.42	8.21	5DFTWDSND
492	4	22-Jul-04	5993189.86	324512.20	8.19	5DFTWDSND
493	4	22-Jul-04	5993191.27	324511.50	7.88	5DFTWDSND
494	4	22-Jul-04	5993194.46	324511.58	7.52	5SND
495	4	22-Jul-04	5993204.08	324509.35	7.25	5SND
496	4	22-Jul-04	5993208.93	324507.82	7.40	5SND
497	4	22-Jul-04	5993210.58	324507.74	7.60	5SND
498	4	22-Jul-04	5993217.80	324505.87	7.66	5SND
499	4	22-Jul-04	5993225.07	324504.57	7.66	5SND
500	4	22-Jul-04	5993240.29	324500.84	7.75	5SND
501	4	22-Jul-04	5993248.27	324499.10	7.69	5SND
502	4	22-Jul-04	5993258.91	324497.01	7.52	5SND
503	4	22-Jul-04	5993263.31	324496.00	7.30	5SND

504	4	22-Jul-04	5993268.41	324494.80	7.18	5SND
505	4	22-Jul-04	5993277.20	324493.16	6.92	5SND
506	4	22-Jul-04	5993293.10	324489.29	6.13	5SND
507	4	22-Jul-04	5993306.56	324486.08	5.60	5SND
508	4	22-Jul-04	5993318.29	324484.35	4.76	5SND
509	4	22-Jul-04	5993328.01	324482.85	3.90	5SND
510	4	22-Jul-04	5993332.70	324481.73	3.38	5SND
511	4	22-Jul-04	5993329.28	324466.32	3.37	6SND
512	4	22-Jul-04	5993322.41	324467.63	4.16	6SND
513	4	22-Jul-04	5993311.75	324470.54	5.06	6SND
514	4	22-Jul-04	5993299.61	324473.78	5.79	6SND
515	4	22-Jul-04	5993290.29	324475.11	6.14	6SND
516	4	22-Jul-04	5993279.15	324477.90	6.69	6SND
517	4	22-Jul-04	5993266.60	324481.03	7.18	6SND
518	4	22-Jul-04	5993242.56	324486.65	7.71	6SND
519	4	22-Jul-04	5993226.34	324489.73	7.77	6SND
520	4	22-Jul-04	5993209.14	324494.28	7.64	6SND
521	4	22-Jul-04	5993207.64	324494.40	7.35	6SND
522	4	22-Jul-04	5993204.25	324495.09	7.21	6SND
523	4	22-Jul-04	5993199.65	324496.08	7.29	6SND
524	4	22-Jul-04	5993192.12	324497.93	7.50	6SND
525	4	22-Jul-04	5993188.88	324498.75	7.81	6DFTWDSND
526	4	22-Jul-04	5993187.38	324498.97	8.07	6DFTWDSND
527	4	22-Jul-04	5993186.48	324499.13	8.06	6DFTWDSND
528	4	22-Jul-04	5993185.84	324499.25	8.30	6DFTWDSND
529	4	22-Jul-04	5993183.52	324499.80	8.35	6DFTWDSND
530	4	22-Jul-04	5993180.32	324500.52	8.53	6DFTWDSND
531	4	22-Jul-04	5993178.35	324501.01	8.81	6DFTWDSND
532	4	22-Jul-04	5993177.53	324501.25	8.88	6DFTWDSND
533	4	22-Jul-04	5993176.88	324501.41	8.86	6DFTWDSND
534	4	22-Jul-04	5993175.52	324501.64	8.92	6DFTWDSND
535	4	22-Jul-04	5993174.04	324502.20	9.03	6DFTWDSND
536	4	22-Jul-04	5993171.78	324502.62	9.04	6DFTWDSND
537	4	22-Jul-04	5993169.36	324503.19	8.92	6DFTWDSND
538	4	22-Jul-04	5993167.78	324503.54	8.97	6DFTWDSND
539	4	22-Jul-04	5993166.64	324503.83	9.07	6DFTWDSND
540	4	22-Jul-04	5993164.74	324504.24	8.94	6DFTWDSND
541	4	22-Jul-04	5993163.18	324504.66	9.06	6DFTWDSND
542	4	22-Jul-04	5993162.62	324504.94	9.05	6DFTWDSND
543	4	22-Jul-04	5993161.97	324505.11	9.16	6DFTWDSND
544	4	22-Jul-04	5993160.70	324505.35	9.05	6DFTWDSND
545	4	22-Jul-04	5993160.07	324505.58	8.98	6DFTWDSND
546	4	22-Jul-04	5993158.93	324505.91	9.13	6DFTWDSND
547	4	22-Jul-04	5993157.73	324506.29	9.08	6DFTWDSND
548	4	22-Jul-04	5993156.00	324506.82	9.10	6DFTWDSND
549	4	22-Jul-04	5993154.51	324507.08	8.81	6DFTWDSND
550	4	22-Jul-04	5993153.42	324507.37	8.68	6DFTWDSND
551	4	22-Jul-04	5993152.15	324507.68	8.70	6DFTWDSND
552	4	22-Jul-04	5993151.39	324507.85	8.79	6DFTWDSND
553	4	22-Jul-04	5993149.73	324508.11	8.88	6DFTWDSND
554	4	22-Jul-04	5993148.24	324508.50	8.90	6DFTWDSND

555	4	22-Jul-04	5993146.94	324508.64	8.91	6FRDN
556	4	22-Jul-04	5993145.38	324509.13	9.33	6FRDN
557	4	22-Jul-04	5993144.25	324509.45	9.70	6FRDN
558	4	22-Jul-04	5993142.74	324509.92	9.87	6FRDN
559	4	22-Jul-04	5993142.23	324510.08	9.97	6FRDN
560	4	22-Jul-04	5993140.44	324510.59	9.97	6FRDN
561	4	22-Jul-04	5993136.51	324511.77	9.88	6FRDN
562	4	22-Jul-04	5993134.36	324511.99	9.77	6FRDN
563	4	22-Jul-04	5993132.54	324512.49	10.18	6FRDN
564	4	22-Jul-04	5993131.16	324512.80	10.78	6FRDN
565	4	22-Jul-04	5993129.42	324513.15	11.33	6FRDN
566	4	22-Jul-04	5993127.48	324513.58	11.57	6FRDN
567	4	22-Jul-04	5993125.08	324513.92	11.53	6FRDN
568	4	22-Jul-04	5993122.97	324514.49	11.13	6FRDN
569	4	22-Jul-04	5993121.95	324514.77	10.86	6FRDN
570	4	22-Jul-04	5993121.09	324514.75	10.66	6FRDN
571	4	22-Jul-04	5993119.96	324514.91	10.14	6FRDN
1	4	**16-Feb-05**	**5993134.00**	**324552.00**	**11.58**	**Top Rebar BM 2**
2	4	**16-Feb-05**	**5993134.00**	**324552.00**	**11.13**	**Btm Rebar BM 2**
3	4	16-Feb-05	5993135.98	324645.05	15.29	BM1TPIN
4	4	16-Feb-05	5993136.00	324644.96	14.79	BM1BPIN
5	4	16-Feb-05	5993138.67	324552.11	12.78	BM3TPIN
6	4	16-Feb-05	5993138.64	324552.15	12.01	BM3BPIN
7	4	16-Feb-05	5993118.64	324581.71	13.76	LINE 1
8	4	16-Feb-05	5993122.96	324580.73	12.99	LINE 1
9	4	16-Feb-05	5993126.39	324579.90	12.99	LINE 1
10	4	16-Feb-05	5993129.17	324579.27	12.01	LINE 1
11	4	16-Feb-05	5993131.58	324578.69	11.83	LINE 1
12	4	16-Feb-05	5993134.27	324578.02	11.48	LINE 1
13	4	16-Feb-05	5993139.08	324576.96	11.22	LINE 1
14	4	16-Feb-05	5993143.48	324576.01	11.11	LINE 1
15	4	16-Feb-05	5993145.06	324575.66	11.10	LINE 1
16	4	16-Feb-05	5993146.28	324575.40	10.95	LINE 1
17	4	16-Feb-05	5993147.10	324575.21	10.75	LINE 1
18	4	16-Feb-05	5993148.34	324574.85	10.19	LINE 1
19	4	16-Feb-05	5993150.28	324574.38	9.69	LINE 1BKSH
20	4	16-Feb-05	5993154.16	324573.60	9.35	LINE 1BKSH
21	4	16-Feb-05	5993158.27	324572.62	9.40	LINE 1BKSH
22	4	16-Feb-05	5993162.03	324571.73	9.43	LINE 1BKSH
23	4	16-Feb-05	5993164.15	324571.26	9.60	LINE 1DSM
24	4	16-Feb-05	5993166.03	324570.88	9.84	LINE 1DSM
25	4	16-Feb-05	5993167.89	324570.53	9.87	LINE 1DSM
26	4	16-Feb-05	5993169.47	324570.19	9.91	LINE 1DSM
27	4	16-Feb-05	5993170.29	324570.00	9.69	LINE 1DSM
28	4	16-Feb-05	5993171.38	324569.71	9.77	LINE 1DSM
29	4	16-Feb-05	5993172.09	324569.52	9.66	LINE 1DSM
30	4	16-Feb-05	5993173.09	324569.23	9.61	LINE 1DSM
31	4	16-Feb-05	5993173.66	324569.19	9.45	LINE 1DSM
32	4	16-Feb-05	5993174.94	324568.94	9.31	LINE 1DSM
33	4	16-Feb-05	5993176.32	324568.58	9.35	LINE 1DSM
34	4	16-Feb-05	5993177.85	324568.27	9.21	LINE 1DSM

35	4	16-Feb-05	5993180.50	324567.70	9.00	LINE 1DSM
36	4	16-Feb-05	5993182.20	324567.23	8.92	LINE 1DSM
37	4	16-Feb-05	5993184.11	324566.84	8.89	LINE 1DSM
38	4	16-Feb-05	5993186.03	324566.45	8.94	LINE 1DSM
39	4	16-Feb-05	5993187.56	324566.03	8.87	LINE 1DSM
40	4	16-Feb-05	5993189.10	324565.76	8.70	LINE 1DSM
41	4	16-Feb-05	5993190.27	324565.51	8.55	LINE 1DSM
42	4	16-Feb-05	5993193.17	324564.87	8.17	LINE 1BCH
43	4	16-Feb-05	5993196.81	324563.94	7.90	LINE 1BCH
44	4	16-Feb-05	5993201.29	324563.03	7.54	LINE 1BCH
45	4	16-Feb-05	5993205.92	324561.95	7.39	LINE 1BCH
46	4	16-Feb-05	5993214.08	324560.13	7.47	LINE 1BCH
47	4	16-Feb-05	5993220.95	324558.62	7.46	LINE 1BCH
48	4	16-Feb-05	5993222.54	324558.35	7.58	LINE 1BCH
49	4	16-Feb-05	5993225.15	324557.80	7.94	LINE 1BCH
50	4	16-Feb-05	5993237.70	324554.86	8.05	LINE 1BCH
51	4	16-Feb-05	5993247.07	324552.84	7.97	LINE 1BCH
52	4	16-Feb-05	5993257.89	324550.48	7.86	LINE 1BCH
53	4	16-Feb-05	5993272.56	324546.98	7.82	LINE 1BCH
54	4	16-Feb-05	5993286.34	324543.93	6.70	LINE 1BCH
55	4	16-Feb-05	5993301.94	324540.34	5.45	LINE 1BCH
56	4	16-Feb-05	5993318.14	324536.59	4.06	LINE 1BCH
57	4	16-Feb-05	5993329.75	324534.33	3.11	LINE 1BCH
58	4	16-Feb-05	5993331.61	324533.65	2.99	LINE 1OWL
59	4	16-Feb-05	5993327.35	324517.94	3.03	LINE 2OWL
60	4	16-Feb-05	5993307.62	324522.86	4.77	LINE 2OWL
61	4	16-Feb-05	5993285.48	324528.21	6.59	LINE 2BCH
62	4	16-Feb-05	5993274.00	324531.09	7.54	LINE 2BCH
63	4	16-Feb-05	5993268.28	324532.86	7.95	LINE 2BCH
64	4	16-Feb-05	5993255.76	324535.77	7.94	LINE 2BCH
65	4	16-Feb-05	5993244.65	324538.32	7.99	LINE 2BCH
66	4	16-Feb-05	5993230.75	324541.47	8.00	LINE 2BCH
67	4	16-Feb-05	5993223.30	324543.20	7.91	LINE 2BCH
68	4	16-Feb-05	5993221.71	324543.61	7.80	LINE 2BCH
69	4	16-Feb-05	5993219.45	324544.11	7.54	LINE 2BCH
70	4	16-Feb-05	5993213.83	324545.35	7.46	LINE 2BCH
71	4	16-Feb-05	5993206.23	324547.10	7.41	LINE 2BCH
72	4	16-Feb-05	5993199.83	324548.68	7.48	LINE 2BCH
73	4	16-Feb-05	5993196.94	324549.33	7.68	LINE 2BCH
74	4	16-Feb-05	5993193.42	324550.13	7.96	LINE 2BCH
75	4	16-Feb-05	5993189.06	324551.21	8.34	LINE 2BCH
76	4	16-Feb-05	5993185.79	324551.90	8.64	LINE 2DSM
77	4	16-Feb-05	5993183.69	324552.48	8.71	LINE 2DSM
78	4	16-Feb-05	5993182.63	324552.72	8.95	LINE 2DSM
79	4	16-Feb-05	5993181.95	324552.86	8.95	LINE 2DSM
80	4	16-Feb-05	5993181.10	324553.09	8.96	LINE 2DSM
81	4	16-Feb-05	5993180.17	324553.31	8.88	LINE 2DSM
82	4	16-Feb-05	5993178.96	324553.59	8.97	LINE 2DSM
83	4	16-Feb-05	5993178.32	324553.77	9.01	LINE 2DSM
84	4	16-Feb-05	5993177.60	324553.91	9.12	LINE 2DSM
85	4	16-Feb-05	5993176.71	324554.13	9.18	LINE 2DSM

86	4	16-Feb-05	5993176.03	324554.27	9.27	LINE 2DSM
87	4	16-Feb-05	5993175.10	324554.56	9.31	LINE 2DSM
88	4	16-Feb-05	5993174.22	324554.77	9.24	LINE 2DSM
89	4	16-Feb-05	5993173.22	324555.03	9.36	LINE 2DSM
90	4	16-Feb-05	5993172.14	324555.27	9.64	LINE 2DSM
91	4	16-Feb-05	5993171.23	324555.51	9.92	LINE 2DSM
92	4	16-Feb-05	5993169.93	324555.75	9.83	LINE 2DSM
93	4	16-Feb-05	5993169.01	324556.04	9.74	LINE 2DSM
94	4	16-Feb-05	5993167.26	324556.43	9.57	LINE 2DSM
95	4	16-Feb-05	5993165.11	324556.91	9.50	LINE 2DSM
96	4	16-Feb-05	5993162.46	324557.61	9.32	LINE 2DSM
97	4	16-Feb-05	5993161.44	324557.84	9.20	LINE 2BKDN
98	4	16-Feb-05	5993160.09	324558.07	9.26	LINE 2BKDN
99	4	16-Feb-05	5993159.28	324558.25	9.09	LINE 2BKDN
100	4	16-Feb-05	5993157.65	324558.66	9.02	LINE 2BKDN
101	4	16-Feb-05	5993156.76	324558.94	9.10	LINE 2BKDN
102	4	16-Feb-05	5993155.46	324559.07	9.05	LINE 2BKDN
103	4	16-Feb-05	5993154.67	324559.23	9.01	LINE 2BKDN
104	4	16-Feb-05	5993153.98	324559.43	9.03	LINE 2BKDN
105	4	16-Feb-05	5993153.20	324559.64	8.96	LINE 2BKDN
106	4	16-Feb-05	5993151.92	324559.92	9.03	LINE 2BKDN
107	4	16-Feb-05	5993150.15	324560.23	9.06	LINE 2BKDN
108	4	16-Feb-05	5993149.15	324560.59	9.25	LINE 2RMP
109	4	16-Feb-05	5993148.09	324560.86	9.59	LINE 2RMP
110	4	16-Feb-05	5993147.12	324561.13	10.14	LINE 2RMP
111	4	16-Feb-05	5993145.85	324561.47	10.59	LINE 2INDN
112	4	16-Feb-05	5993143.88	324561.92	10.96	LINE 2INDN
113	4	16-Feb-05	5993141.74	324562.49	11.38	LINE 2INDN
114	4	16-Feb-05	5993139.63	324563.06	11.62	LINE 2INDN
115	4	16-Feb-05	5993136.04	324563.94	11.85	LINE 2INDN
116	4	16-Feb-05	5993134.16	324564.32	12.01	LINE 2INDN
117	4	16-Feb-05	5993132.45	324564.72	12.32	LINE 2INDN
118	4	16-Feb-05	5993131.03	324565.10	12.30	LINE 2INDN
119	4	16-Feb-05	5993129.94	324565.37	12.53	LINE 2INDN
120	4	16-Feb-05	5993128.78	324565.54	12.74	LINE 2INDN
121	4	16-Feb-05	5993123.11	324555.35	13.07	LINE 3
122	4	16-Feb-05	5993125.26	324554.84	12.90	LINE 3
123	4	16-Feb-05	5993126.00	324554.72	12.67	LINE 3
124	4	16-Feb-05	5993127.82	324554.29	12.28	LINE 3
125	4	16-Feb-05	5993128.47	324554.14	12.01	LINE 3
126	4	16-Feb-05	5993129.54	324553.93	11.77	LINE 3
127	4	16-Feb-05	5993131.63	324553.41	11.76	LINE 3
128	4	16-Feb-05	5993132.91	324553.10	12.00	LINE 3
129	4	16-Feb-05	5993134.63	324552.68	12.11	LINE 3
130	4	16-Feb-05	5993137.36	324552.06	12.09	LINE 3
131	4	16-Feb-05	5993140.26	324551.38	11.99	LINE 3
132	4	16-Feb-05	5993141.32	324551.16	11.84	LINE 3
133	4	16-Feb-05	5993142.87	324550.81	11.14	LINE 3STOS
134	4	16-Feb-05	5993145.06	324550.32	10.04	LINE 3STOS
135	4	16-Feb-05	5993146.52	324550.00	9.50	LINE 3STOS
136	4	16-Feb-05	5993148.25	324549.64	9.25	LINE 3BKDN

137	4	16-Feb-05	5993149.94	324549.20	9.09	LINE 3BKDN
138	4	16-Feb-05	5993151.40	324548.97	9.12	LINE 3DSM
139	4	16-Feb-05	5993153.21	324548.53	9.05	LINE 3DSM
140	4	16-Feb-05	5993154.72	324548.15	9.01	LINE 3DSM
141	4	16-Feb-05	5993155.84	324547.97	9.08	LINE 3DSM
142	4	16-Feb-05	5993156.80	324547.82	8.90	LINE 3DSM
143	4	16-Feb-05	5993158.43	324547.49	8.88	LINE 3DSM
144	4	16-Feb-05	5993160.25	324547.11	8.95	LINE 3DSM
145	4	16-Feb-05	5993162.14	324546.62	8.94	LINE 3DSM
146	4	16-Feb-05	5993162.72	324546.31	9.06	LINE 3DSM
147	4	16-Feb-05	5993163.40	324546.30	9.23	LINE 3DSM
148	4	16-Feb-05	5993163.69	324546.24	9.28	LINE 3DSM
149	4	16-Feb-05	5993164.28	324546.08	9.33	LINE 3DSM
150	4	16-Feb-05	5993165.85	324545.70	9.24	LINE 3DSM
151	4	16-Feb-05	5993167.55	324545.04	9.35	LINE 3DSM
152	4	16-Feb-05	5993170.75	324544.54	9.49	LINE 3DSM
153	4	16-Feb-05	5993173.40	324543.80	9.55	LINE 3DSM
154	4	16-Feb-05	5993175.70	324543.23	9.48	LINE 3DSM
155	4	16-Feb-05	5993176.82	324543.01	9.33	LINE 3DSM
156	4	16-Feb-05	5993178.28	324542.72	9.19	LINE 3DSM
157	4	16-Feb-05	5993180.05	324542.16	8.89	LINE 3DSM
158	4	16-Feb-05	5993182.01	324541.67	8.95	LINE 3DSM
159	4	16-Feb-05	5993184.12	324541.11	8.74	LINE 3DSM
160	4	16-Feb-05	5993185.85	324540.76	8.46	LINE 3BCH
161	4	16-Feb-05	5993190.94	324539.60	7.91	LINE 3BCH
162	4	16-Feb-05	5993195.52	324538.54	7.59	LINE 3BCH
163	4	16-Feb-05	5993198.33	324537.95	7.47	LINE 3BCH
164	4	16-Feb-05	5993208.15	324535.77	7.43	LINE 3BCH
165	4	16-Feb-05	5993217.03	324533.61	7.54	LINE 3BCH
166	4	16-Feb-05	5993218.44	324533.37	7.65	LINE 3BCH
167	4	16-Feb-05	5993221.54	324532.69	7.95	LINE 3BCH
168	4	16-Feb-05	5993240.25	324528.02	8.02	LINE 3BCH
169	4	16-Feb-05	5993255.79	324524.36	8.02	LINE 3BCH
170	4	16-Feb-05	5993267.35	324521.91	7.90	LINE 3BCH
171	4	16-Feb-05	5993276.30	324519.95	7.21	LINE 3BCH
172	4	16-Feb-05	5993282.53	324518.51	6.62	LINE 3BCH
173	4	16-Feb-05	5993294.45	324515.61	5.57	LINE 3BCH
174	4	16-Feb-05	5993309.39	324512.38	4.36	LINE 3BCH
175	4	16-Feb-05	5993320.71	324509.97	3.29	LINE 3OWL
176	4	16-Feb-05	5993317.69	324497.28	3.42	LINE 4OWL
177	4	16-Feb-05	5993317.79	324497.30	3.42	LINE 4BCH
178	4	16-Feb-05	5993294.64	324502.21	5.35	LINE 4BCH
179	4	16-Feb-05	5993273.29	324507.03	7.20	LINE 4BCH
180	4	16-Feb-05	5993262.05	324509.85	8.08	LINE 4BCH
181	4	16-Feb-05	5993243.76	324514.15	8.02	LINE 4BCH
182	4	16-Feb-05	5993229.09	324515.76	8.04	LINE 4BCH
183	4	16-Feb-05	5993217.12	324518.77	7.90	LINE 4BCH
184	4	16-Feb-05	5993216.11	324519.02	7.83	LINE 4BCH
185	4	16-Feb-05	5993214.58	324519.37	7.64	LINE 4BCH
186	4	16-Feb-05	5993208.43	324520.86	7.51	LINE 4BCH
187	4	16-Feb-05	5993202.33	324522.41	7.45	LINE 4BCH

188	4	16-Feb-05	5993201.11	324522.63	7.40	LINE 4BCH
189	4	16-Feb-05	5993199.93	324522.89	7.30	LINE 4BCH
190	4	16-Feb-05	5993195.10	324524.12	7.43	LINE 4BCH
191	4	16-Feb-05	5993191.97	324524.92	7.58	LINE 4BCH
192	4	16-Feb-05	5993187.65	324526.27	7.95	LINE 4BCH
193	4	16-Feb-05	5993183.87	324527.01	8.32	LINE 4BCH
194	4	16-Feb-05	5993181.02	324527.70	8.69	LINE 4DSM
195	4	16-Feb-05	5993179.68	324528.07	8.88	LINE 4DSM
196	4	16-Feb-05	5993178.78	324528.39	8.92	LINE 4DSM
197	4	16-Feb-05	5993178.13	324528.58	8.91	LINE 4DSM
198	4	16-Feb-05	5993177.32	324528.83	9.13	LINE 4DSM
199	4	16-Feb-05	5993176.41	324529.11	9.28	LINE 4DSM
200	4	16-Feb-05	5993174.54	324529.54	9.48	LINE 4DSM
201	4	16-Feb-05	5993173.88	324529.69	9.36	LINE 4DSM
202	4	16-Feb-05	5993172.85	324530.06	9.66	LINE 4DSM
203	4	16-Feb-05	5993172.23	324530.15	9.55	LINE 4DSM
204	4	16-Feb-05	5993170.78	324530.49	9.57	LINE 4DSM
205	4	16-Feb-05	5993169.50	324530.79	9.54	LINE 4DSM
206	4	16-Feb-05	5993167.53	324531.33	9.36	LINE 4DSM
207	4	16-Feb-05	5993166.69	324531.54	9.26	LINE 4DSM
208	4	16-Feb-05	5993166.07	324531.65	9.17	LINE 4DSM
209	4	16-Feb-05	5993164.43	324532.11	9.20	LINE 4DSM
210	4	16-Feb-05	5993162.72	324532.63	9.10	LINE 4DSM
211	4	16-Feb-05	5993160.62	324533.06	9.04	LINE 4DSM
212	4	16-Feb-05	5993158.40	324533.55	9.05	LINE 4DSM
213	4	16-Feb-05	5993156.98	324533.88	8.95	LINE 4DSM
214	4	16-Feb-05	5993155.84	324534.12	8.76	LINE 4DSM
215	4	16-Feb-05	5993155.25	324534.36	8.73	LINE 4DSM
216	4	16-Feb-05	5993153.80	324534.54	8.65	LINE 4DSM
217	4	16-Feb-05	5993152.11	324534.96	8.73	LINE 4RMP
218	4	16-Feb-05	5993150.05	324535.45	8.93	LINE 4RMP
219	4	16-Feb-05	5993147.92	324535.94	9.10	LINE 4RMP
220	4	16-Feb-05	5993146.34	324536.41	9.28	LINE 4RMP
221	4	16-Feb-05	5993145.37	324536.49	9.42	LINE 4RMP
222	4	16-Feb-05	5993144.32	324537.01	9.69	LINE 4STOS
223	4	16-Feb-05	5993142.57	324537.50	10.34	LINE 4STOS
224	4	16-Feb-05	5993141.14	324537.84	10.89	LINE 4STOS
225	4	16-Feb-05	5993140.01	324538.08	11.33	LINE 4CRST
226	4	16-Feb-05	5993139.15	324538.36	11.26	LINE 4
227	4	16-Feb-05	5993136.98	324538.86	11.01	LINE 4
228	4	16-Feb-05	5993135.87	324539.07	11.06	LINE 4
229	4	16-Feb-05	5993134.18	324539.57	11.31	LINE 4
230	4	16-Feb-05	5993132.25	324540.03	11.36	LINE 4
231	4	16-Feb-05	5993130.70	324540.43	11.52	LINE 4
232	4	16-Feb-05	5993129.58	324540.67	11.80	LINE 4
233	4	16-Feb-05	5993128.34	324540.88	12.25	LINE 4
234	4	16-Feb-05	5993126.67	324541.35	13.12	LINE 4
235	4	16-Feb-05	5993125.22	324541.76	13.51	LINE 4
236	4	16-Feb-05	5993123.75	324528.68	12.57	LINE 5
237	4	16-Feb-05	5993125.74	324528.21	12.32	LINE 5
238	4	16-Feb-05	5993127.15	324527.88	11.97	LINE 5

239	4	16-Feb-05	5993128.43	324527.53	11.36	LINE 5
240	4	16-Feb-05	5993129.78	324527.23	10.96	LINE 5
241	4	16-Feb-05	5993131.44	324526.93	10.85	LINE 5
242	4	16-Feb-05	5993134.12	324526.37	10.86	LINE 5
243	4	16-Feb-05	5993137.03	324525.64	10.70	LINE 5
244	4	16-Feb-05	5993139.41	324525.05	10.27	LINE 5RMP
245	4	16-Feb-05	5993142.03	324524.42	9.88	LINE 5RMP
246	4	16-Feb-05	5993143.86	324524.12	9.66	LINE 5DSM
247	4	16-Feb-05	5993146.59	324523.50	9.43	LINE 5DSM
248	4	16-Feb-05	5993148.85	324523.06	9.18	LINE 5DSM
249	4	16-Feb-05	5993151.46	324522.37	9.13	LINE 5DSM
250	4	16-Feb-05	5993153.07	324521.96	9.24	LINE 5DSM
251	4	16-Feb-05	5993154.47	324521.74	9.29	LINE 5DSM
252	4	16-Feb-05	5993155.95	324521.51	9.17	LINE 5DSM
253	4	16-Feb-05	5993158.22	324520.68	9.24	LINE 5DSM
254	4	16-Feb-05	5993160.35	324520.22	9.17	LINE 5DSM
255	4	16-Feb-05	5993162.58	324519.60	9.25	LINE 5DSM
256	4	16-Feb-05	5993163.66	324519.56	9.46	LINE 5DSM
257	4	16-Feb-05	5993167.00	324518.91	9.42	LINE 5DSM
258	4	16-Feb-05	5993169.36	324518.09	9.21	LINE 5DSM
259	4	16-Feb-05	5993172.82	324517.48	9.04	LINE 5DSM
260	4	16-Feb-05	5993174.59	324517.07	8.82	LINE 5DSM
261	4	16-Feb-05	5993176.32	324516.61	8.77	LINE 5DSM
262	4	16-Feb-05	5993177.16	324516.41	8.95	LINE 5DSM
263	4	16-Feb-05	5993178.62	324516.10	8.76	LINE 5DSM
264	4	16-Feb-05	5993179.60	324515.96	8.50	LINE 5BCH
265	4	16-Feb-05	5993182.82	324515.20	8.10	LINE 5BCH
266	4	16-Feb-05	5993187.64	324514.07	7.70	LINE 5BCH
267	4	16-Feb-05	5993189.82	324513.52	7.52	LINE 5BCH
268	4	16-Feb-05	5993197.11	324511.98	7.33	LINE 5BCH
269	4	16-Feb-05	5993198.42	324511.60	7.41	LINE 5BCH
270	4	16-Feb-05	5993201.14	324511.17	7.49	LINE 5BCH
271	4	16-Feb-05	5993209.64	324509.17	7.64	LINE 5BCH
272	4	16-Feb-05	5993213.18	324508.23	7.75	LINE 5BCH
273	4	16-Feb-05	5993215.32	324507.69	7.91	LINE 5BCH
274	4	16-Feb-05	5993229.18	324504.74	8.08	LINE 5BCH
275	4	16-Feb-05	5993244.34	324501.34	8.11	LINE 5BCH
276	4	16-Feb-05	5993257.96	324498.09	8.14	LINE 5BCH
277	4	16-Feb-05	5993266.46	324496.37	7.52	LINE 5BCH
278	4	16-Feb-05	5993276.77	324493.34	6.67	LINE 5BCH
279	4	16-Feb-05	5993289.45	324490.40	5.51	LINE 5BCH
280	4	16-Feb-05	5993311.01	324485.76	3.76	LINE 5OWL
281	4	16-Feb-05	5993307.65	324469.44	3.65	LINE 6OWL
282	4	16-Feb-05	5993292.05	324473.34	5.00	LINE 6BCH
283	4	16-Feb-05	5993278.32	324476.78	6.20	LINE 6BCH
284	4	16-Feb-05	5993263.56	324480.27	7.51	LINE 6BCH
285	4	16-Feb-05	5993253.92	324482.86	8.18	LINE 6BCH
286	4	16-Feb-05	5993240.25	324486.21	8.16	LINE 6BCH
287	4	16-Feb-05	5993223.16	324490.52	8.04	LINE 6BCH
288	4	16-Feb-05	5993211.17	324493.45	7.93	LINE 6BCH
289	4	16-Feb-05	5993208.34	324494.14	7.82	LINE 6BCH

290	4	16-Feb-05	5993204.82	324495.01	7.70	LINE 6BCH
291	4	16-Feb-05	5993201.15	324495.99	7.55	LINE 6BCH
292	4	16-Feb-05	5993195.37	324497.48	7.43	LINE 6BCH
293	4	16-Feb-05	5993194.12	324497.84	7.32	LINE 6BCH
294	4	16-Feb-05	5993189.72	324498.97	7.41	LINE 6BCH
295	4	16-Feb-05	5993184.75	324500.26	7.56	LINE 6BCH
296	4	16-Feb-05	5993182.87	324500.67	7.74	LINE 6BCH
297	4	16-Feb-05	5993179.88	324501.41	8.03	LINE 6BCH
298	4	16-Feb-05	5993177.99	324501.87	8.23	LINE 6DSM
299	4	16-Feb-05	5993175.69	324502.22	8.87	LINE 6DSM
300	4	16-Feb-05	5993174.15	324502.77	9.04	LINE 6DSM
301	4	16-Feb-05	5993173.09	324503.06	9.20	LINE 6DSM
302	4	16-Feb-05	5993170.70	324503.63	9.39	LINE 6DSM
303	4	16-Feb-05	5993169.33	324504.04	9.63	LINE 6DSM
304	4	16-Feb-05	5993168.50	324504.20	9.41	LINE 6DSM
305	4	16-Feb-05	5993165.78	324504.82	9.41	LINE 6DSM
306	4	16-Feb-05	5993162.16	324505.70	9.26	LINE 6DSM
307	4	16-Feb-05	5993158.16	324506.74	9.04	LINE 6DSM
308	4	16-Feb-05	5993153.99	324507.76	9.09	LINE 6DSM
309	4	16-Feb-05	5993150.37	324508.61	9.22	LINE 6DSM
310	4	16-Feb-05	5993147.30	324509.46	9.14	LINE 6DSM
311	4	16-Feb-05	5993143.92	324510.30	9.15	LINE 6DSM
312	4	16-Feb-05	5993141.47	324510.85	9.21	LINE 6DSM
313	4	16-Feb-05	5993140.27	324511.20	9.28	LINE 6DSM
314	4	16-Feb-05	5993139.23	324511.45	9.45	LINE 6STOS
315	4	16-Feb-05	5993137.80	324511.85	9.87	LINE 6STOS
316	4	16-Feb-05	5993136.39	324512.14	10.04	LINE 6STOS
317	4	16-Feb-05	5993133.82	324512.90	10.19	LINE 6
318	4	16-Feb-05	5993132.43	324513.22	10.03	LINE 6
319	4	16-Feb-05	5993130.08	324513.84	10.03	LINE 6
320	4	16-Feb-05	5993128.35	324514.24	10.15	LINE 6
321	4	16-Feb-05	5993126.53	324514.69	10.49	LINE 6
322	4	16-Feb-05	5993124.96	324515.12	10.88	LINE 6
323	4	16-Feb-05	5993122.94	324515.70	11.45	LINE 6
324	4	16-Feb-05	5993120.43	324516.53	11.61	LINE 6
1	4	**16-May-05**	**5993134.00**	**324552.00**	**11.58**	**Top Rebar BM 2**
2	4	**16-May-05**	**5993134.00**	**324552.00**	**10.83**	**BM Rebar BM2**
3	4	16-May-05	5993141.54	324575.17	10.38	TP BM3
4	4	16-May-05	5993141.56	324575.21	9.93	BM BM3
5	4	16-May-05	5993125.31	324578.92	10.99	LN 1
6	4	16-May-05	5993126.11	324578.81	10.87	LN 1
7	4	16-May-05	5993126.68	324578.74	10.90	LN 1
8	4	16-May-05	5993127.89	324578.41	10.67	LN 1
9	4	16-May-05	5993129.01	324578.18	10.47	LN 1
10	4	16-May-05	5993130.52	324577.88	10.33	LN 1
11	4	16-May-05	5993131.55	324577.64	10.26	LN 1
12	4	16-May-05	5993132.82	324577.31	10.14	LN 1
13	4	16-May-05	5993134.16	324576.98	10.05	LN 1
14	4	16-May-05	5993135.41	324576.61	10.02	LN 1
15	4	16-May-05	5993136.38	324576.37	10.02	LN 1
16	4	16-May-05	5993136.84	324576.27	10.09	LN 1

17	4	16-May-05	5993137.21	324576.20	10.10	LN 1
18	4	16-May-05	5993138.04	324576.00	9.99	LN 1
19	4	16-May-05	5993138.60	324575.87	9.91	LN 1
20	4	16-May-05	5993139.35	324575.69	9.94	LN 1
21	4	16-May-05	5993140.04	324575.55	9.94	LN 1
22	4	16-May-05	5993140.69	324575.42	9.97	LN 1
23	4	16-May-05	5993141.23	324575.29	9.97	LN 1
24	4	16-May-05	5993142.00	324575.15	9.85	LN 1
25	4	16-May-05	5993142.64	324575.01	9.81	LN 1
26	4	16-May-05	5993142.75	324575.01	9.81	LN 1
27	4	16-May-05	5993143.38	324574.90	9.69	LN 1
28	4	16-May-05	5993144.03	324574.73	9.37	LN 1
29	4	16-May-05	5993144.88	324574.55	9.03	LN 1
30	4	16-May-05	5993145.85	324574.32	8.72	LN 1
31	4	16-May-05	5993146.78	324574.14	8.50	LN 1
32	4	16-May-05	5993148.43	324573.74	8.18	LN 1
33	4	16-May-05	5993149.36	324573.57	8.05	LN 1
34	4	16-May-05	5993149.95	324573.36	8.02	LN 1
35	4	16-May-05	5993150.79	324573.24	7.97	LN 1
36	4	16-May-05	5993151.90	324572.93	7.94	LN 1
37	4	16-May-05	5993153.57	324572.54	8.01	LN 1
38	4	16-May-05	5993155.41	324572.17	8.04	LN 1
39	4	16-May-05	5993156.95	324571.71	8.09	LN 1
40	4	16-May-05	5993158.05	324571.51	8.13	LN 1
41	4	16-May-05	5993159.13	324571.29	8.23	LN 1
42	4	16-May-05	5993160.69	324570.91	8.38	LN 1
43	4	16-May-05	5993162.47	324570.52	8.46	LN 1
44	4	16-May-05	5993163.25	324570.43	8.52	LN 1
45	4	16-May-05	5993164.13	324570.13	8.68	LN 1
46	4	16-May-05	5993165.88	324569.64	8.64	LN 1
47	4	16-May-05	5993166.53	324569.53	8.51	LN 1
48	4	16-May-05	5993167.54	324569.28	8.35	LN 1
49	4	16-May-05	5993169.61	324568.88	8.30	LN 1
50	4	16-May-05	5993171.23	324568.64	8.12	LN 1
51	4	16-May-05	5993173.56	324567.95	8.07	LN 1
52	4	16-May-05	5993174.44	324567.76	8.11	LN 1
53	4	16-May-05	5993175.51	324567.48	7.95	LN 1
54	4	16-May-05	5993177.05	324567.20	7.77	LN 1
55	4	16-May-05	5993178.83	324566.75	7.64	LN 1
56	4	16-May-05	5993180.15	324566.34	7.62	LN 1
57	4	16-May-05	5993181.73	324566.02	7.69	LN 1
58	4	16-May-05	5993182.88	324565.72	7.68	LN 1
59	4	16-May-05	5993184.35	324565.36	7.65	LN 1
60	4	16-May-05	5993185.16	324565.09	7.66	LN 1
61	4	16-May-05	5993186.82	324564.66	7.48	LN 1
62	4	16-May-05	5993188.16	324564.70	7.22	LN 1
63	4	16-May-05	5993189.36	324564.49	7.16	LN 1
64	4	16-May-05	5993190.75	324564.15	7.15	LN 1
65	4	16-May-05	5993191.32	324564.01	7.03	LN 1
66	4	16-May-05	5993191.96	324563.93	6.90	LN 1
67	4	16-May-05	5993192.81	324563.82	6.76	LN 1

68	4	16-May-05	5993194.75	324563.16	6.69	LN 1
69	4	16-May-05	5993195.65	324562.71	6.54	LN 1
70	4	16-May-05	5993197.12	324562.25	6.43	LN 1
71	4	16-May-05	5993198.50	324562.22	6.34	LN 1
72	4	16-May-05	5993199.41	324561.96	6.30	LN 1
73	4	16-May-05	5993200.31	324561.78	6.25	LN 1
74	4	16-May-05	5993200.97	324561.59	6.23	LN 1
75	4	16-May-05	5993201.42	324561.52	6.23	LN 1
76	4	16-May-05	5993201.69	324561.57	6.41	LN 1
77	4	16-May-05	5993201.79	324561.51	6.49	LN 1
78	4	16-May-05	5993202.15	324561.41	6.52	LN 1
79	4	16-May-05	5993209.99	324559.77	6.54	LN 1
80	4	16-May-05	5993214.77	324558.80	6.55	LN 1
81	4	16-May-05	5993215.84	324558.56	6.74	LN 1
82	4	16-May-05	5993220.17	324557.50	6.85	LN 1
83	4	16-May-05	5993225.00	324556.30	6.94	LN 1
84	4	16-May-05	5993234.63	324554.25	6.97	LN 1
85	4	16-May-05	5993244.97	324551.90	6.77	LN 1
86	4	16-May-05	5993250.45	324550.63	6.60	LN 1
87	4	16-May-05	5993251.45	324550.40	6.56	LN 1
88	4	16-May-05	5993253.16	324549.98	6.38	LN 1
89	4	16-May-05	5993259.07	324548.74	5.88	LN 1
90	4	16-May-05	5993266.87	324546.95	5.27	LN 1
91	4	16-May-05	5993273.53	324545.45	5.03	LN 1
92	4	16-May-05	5993279.53	324544.10	4.72	LN 1
93	4	16-May-05	5993280.58	324543.87	4.67	LN 1
94	4	16-May-05	5993282.75	324543.27	4.69	LN 1
95	4	16-May-05	5993284.61	324542.96	4.74	LN 1
96	4	16-May-05	5993285.93	324542.63	4.66	LN 1
97	4	16-May-05	5993293.25	324540.96	4.10	LN 1
98	4	16-May-05	5993299.50	324539.62	3.54	LN 1
99	4	16-May-05	5993306.39	324538.05	2.81	LN 1
100	4	16-May-05	5993310.14	324537.20	2.28	LN 1 OWL
101	4	16-May-05	5993310.19	324537.34	2.27	LN 1 OWL
102	4	16-May-05	5993310.61	324537.14	2.29	OWL1 1215
103	4	16-May-05	5993309.04	324525.47	2.24	OWL2 1217
104	4	16-May-05	5993304.67	324526.32	2.76	LN2
105	4	16-May-05	5993295.05	324528.48	3.77	LN2
106	4	16-May-05	5993286.10	324530.34	4.57	LN2
107	4	16-May-05	5993282.85	324531.07	4.76	LN2
108	4	16-May-05	5993279.27	324531.88	4.70	LN2
109	4	16-May-05	5993277.05	324532.41	4.74	LN2
110	4	16-May-05	5993274.69	324532.93	4.81	LN2
111	4	16-May-05	5993268.50	324534.30	5.11	LN2
112	4	16-May-05	5993267.25	324534.66	5.17	LN2
113	4	16-May-05	5993264.26	324535.19	5.28	LN2
114	4	16-May-05	5993261.88	324535.75	5.41	LN2
115	4	16-May-05	5993252.96	324537.58	6.24	LN2
116	4	16-May-05	5993251.47	324537.95	6.46	LN2
117	4	16-May-05	5993250.65	324538.19	6.60	LN2
118	4	16-May-05	5993249.83	324538.40	6.63	LN2

119	4	16-May-05	5993238.57	324540.55	6.87	LN2
120	4	16-May-05	5993228.58	324542.87	6.92	LN2
121	4	16-May-05	5993221.57	324544.40	6.86	LN2
122	4	16-May-05	5993215.57	324545.70	6.70	LN2
123	4	16-May-05	5993211.02	324546.80	6.59	LN2
124	4	16-May-05	5993208.08	324547.44	6.56	LN2
125	4	16-May-05	5993200.26	324549.18	6.54	LN2
126	4	16-May-05	5993199.61	324549.27	6.33	LN2
127	4	16-May-05	5993199.24	324549.29	6.23	LN2
128	4	16-May-05	5993198.78	324549.40	6.22	LN2
129	4	16-May-05	5993198.25	324549.41	6.22	LN2
130	4	16-May-05	5993197.88	324549.55	6.22	LN2
131	4	16-May-05	5993196.10	324549.88	6.26	LN2
132	4	16-May-05	5993194.00	324550.29	6.37	LN2
133	4	16-May-05	5993192.63	324550.62	6.47	LN2
134	4	16-May-05	5993191.84	324550.79	6.54	LN2
135	4	16-May-05	5993190.52	324551.17	6.62	LN2
136	4	16-May-05	5993188.36	324551.58	6.81	LN2
137	4	16-May-05	5993182.37	324552.88	7.36	LN2
138	4	16-May-05	5993177.54	324553.96	7.69	LN2
139	4	16-May-05	5993173.98	324554.86	7.76	LN2
140	4	16-May-05	5993172.01	324555.25	7.95	LN2
141	4	16-May-05	5993171.54	324555.29	8.02	LN2
142	4	16-May-05	5993169.99	324555.60	8.29	LN2
143	4	16-May-05	5993169.10	324555.85	8.02	LN2
144	4	16-May-05	5993168.60	324555.90	7.93	LN2
145	4	16-May-05	5993167.83	324556.21	8.32	LN2
146	4	16-May-05	5993167.01	324556.36	8.52	LN2
147	4	16-May-05	5993164.56	324556.90	8.60	LN2
148	4	16-May-05	5993161.76	324557.55	8.27	LN2
149	4	16-May-05	5993158.33	324558.43	8.07	LN2
150	4	16-May-05	5993156.38	324559.00	7.97	LN2
151	4	16-May-05	5993154.60	324559.34	7.83	LN2
152	4	16-May-05	5993153.24	324559.53	7.72	LN2
153	4	16-May-05	5993152.33	324559.68	7.82	LN2
154	4	16-May-05	5993151.09	324559.94	7.85	LN2
155	4	16-May-05	5993149.77	324560.33	7.71	LN2
156	4	16-May-05	5993148.30	324560.69	7.66	LN2
157	4	16-May-05	5993147.47	324560.70	7.74	LN2
158	4	16-May-05	5993146.38	324560.98	7.75	LN2
159	4	16-May-05	5993145.14	324561.23	7.80	LN2
160	4	16-May-05	5993144.64	324561.40	7.85	LN2
161	4	16-May-05	5993144.06	324561.46	8.02	LN2
162	4	16-May-05	5993143.38	324561.63	8.31	LN2
163	4	16-May-05	5993142.62	324561.81	8.85	LN2
164	4	16-May-05	5993142.11	324561.92	9.05	LN2
165	4	16-May-05	5993141.58	324562.02	9.25	LN2
166	4	16-May-05	5993141.09	324562.21	9.45	LN2
167	4	16-May-05	5993140.33	324562.42	9.58	LN2
168	4	16-May-05	5993139.53	324562.57	9.74	LN2
169	4	16-May-05	5993138.52	324562.76	9.82	LN2

170	4	16-May-05	5993137.85	324562.81	10.06	LN2
171	4	16-May-05	5993137.19	324562.93	10.16	LN2
172	4	16-May-05	5993136.38	324563.25	10.32	LN2
173	4	16-May-05	5993135.57	324563.42	10.48	LN2
174	4	16-May-05	5993133.65	324563.96	10.47	LN2
175	4	16-May-05	5993132.04	324564.33	10.60	LN2
176	4	16-May-05	5993131.23	324564.46	10.62	LN2
177	4	16-May-05	5993130.22	324564.66	10.73	LN2
178	4	16-May-05	5993128.89	324564.88	10.88	LN2
179	4	16-May-05	5993125.81	324565.62	11.29	LN2
180	4	16-May-05	5993125.07	324565.63	11.43	LN2
181	4	16-May-05	5993124.49	324565.76	11.55	LN2
182	4	16-May-05	5993123.06	324566.04	11.52	LN2
183	4	16-May-05	5993122.27	324566.28	11.46	LN2
184	4	16-May-05	5993119.08	324553.75	11.70	LN3
185	4	16-May-05	5993120.08	324553.52	11.69	LN3
186	4	16-May-05	5993121.29	324553.30	11.59	LN3
187	4	16-May-05	5993122.21	324553.09	11.43	LN3
188	4	16-May-05	5993122.49	324553.00	11.35	LN3
189	4	16-May-05	5993123.53	324552.86	10.87	LN3
190	4	16-May-05	5993124.96	324552.41	10.56	LN3
191	4	16-May-05	5993126.07	324552.23	10.44	LN3
192	4	16-May-05	5993126.86	324551.97	10.33	LN3
193	4	16-May-05	5993127.62	324551.83	10.40	LN3
194	4	16-May-05	5993128.40	324551.60	10.51	LN3
195	4	16-May-05	5993129.22	324551.47	10.60	LN3
196	4	16-May-05	5993130.02	324551.33	10.69	LN3
197	4	16-May-05	5993130.66	324551.20	10.72	LN3
198	4	16-May-05	5993131.58	324550.93	10.76	LN3
199	4	16-May-05	5993132.21	324550.83	10.84	LN3
200	4	16-May-05	5993133.13	324550.57	10.89	LN3
201	4	16-May-05	5993134.13	324550.30	10.91	LN3
202	4	16-May-05	5993135.08	324550.09	10.89	LN3
203	4	16-May-05	5993136.22	324550.02	10.81	LN3
204	4	16-May-05	5993137.28	324549.83	10.59	LN3
205	4	16-May-05	5993138.76	324549.41	9.78	LN3
206	4	16-May-05	5993140.09	324549.09	9.04	LN3
207	4	16-May-05	5993141.15	324548.96	8.51	LN3
208	4	16-May-05	5993142.29	324548.82	8.21	LN3
209	4	16-May-05	5993143.53	324548.49	7.97	LN3
210	4	16-May-05	5993144.83	324548.22	7.85	LN3
211	4	16-May-05	5993147.25	324547.59	7.83	LN3
212	4	16-May-05	5993148.83	324547.39	7.73	LN3
213	4	16-May-05	5993150.01	324547.09	7.79	LN3
214	4	16-May-05	5993151.72	324546.58	7.76	LN3
215	4	16-May-05	5993154.33	324546.02	7.66	LN3
216	4	16-May-05	5993156.43	324545.69	7.58	LN3
217	4	16-May-05	5993158.10	324545.32	7.68	LN3
218	4	16-May-05	5993160.61	324544.70	7.79	LN3
219	4	16-May-05	5993161.73	324544.43	7.88	LN3
220	4	16-May-05	5993163.14	324544.15	8.01	LN3

221	4	16-May-05	5993164.95	324543.77	8.19	LN3
222	4	16-May-05	5993166.59	324543.41	8.21	LN3
223	4	16-May-05	5993168.25	324542.95	8.28	LN3
224	4	16-May-05	5993169.66	324542.66	8.25	LN3
225	4	16-May-05	5993170.47	324542.53	8.30	LN3
226	4	16-May-05	5993171.43	324542.31	8.29	LN3
227	4	16-May-05	5993172.47	324542.16	8.16	LN3
228	4	16-May-05	5993173.63	324541.88	7.92	LN3
229	4	16-May-05	5993174.58	324541.69	7.75	LN3
230	4	16-May-05	5993175.15	324541.58	7.71	LN3
231	4	16-May-05	5993175.77	324541.49	7.64	LN3
232	4	16-May-05	5993176.22	324541.43	7.67	LN3
233	4	16-May-05	5993177.11	324541.23	7.81	LN3
234	4	16-May-05	5993177.97	324541.11	7.84	LN3
235	4	16-May-05	5993179.02	324540.90	7.53	LN3
236	4	16-May-05	5993180.78	324540.33	7.27	LN3
237	4	16-May-05	5993182.29	324540.06	7.22	LN3
238	4	16-May-05	5993183.38	324539.77	7.15	LN3
239	4	16-May-05	5993184.79	324539.53	7.06	LN3
240	4	16-May-05	5993185.14	324539.45	6.85	LN3
241	4	16-May-05	5993187.15	324538.89	6.67	LN3
242	4	16-May-05	5993188.36	324538.64	6.59	LN3
243	4	16-May-05	5993189.53	324538.35	6.48	LN3
244	4	16-May-05	5993190.44	324538.03	6.42	LN3
245	4	16-May-05	5993191.31	324538.10	6.36	LN3
246	4	16-May-05	5993191.91	324537.96	6.29	LN3
247	4	16-May-05	5993192.59	324537.87	6.27	LN3
248	4	16-May-05	5993193.23	324537.75	6.28	LN3
249	4	16-May-05	5993193.71	324537.67	6.39	LN3
250	4	16-May-05	5993193.95	324537.65	6.51	LN3
251	4	16-May-05	5993194.18	324537.59	6.51	LN3
252	4	16-May-05	5993205.16	324535.15	6.56	LN3
253	4	16-May-05	5993210.21	324534.17	6.62	LN3
254	4	16-May-05	5993212.55	324533.58	6.76	LN3
255	4	16-May-05	5993216.12	324532.69	6.87	LN3
256	4	16-May-05	5993218.52	324532.09	6.89	LN3
257	4	16-May-05	5993220.96	324531.72	6.94	LN3
258	4	16-May-05	5993226.19	324530.67	6.94	LN3
259	4	16-May-05	5993232.31	324529.33	6.91	LN3
260	4	16-May-05	5993237.26	324528.29	6.83	LN3
261	4	16-May-05	5993241.27	324527.33	6.78	LN3
262	4	16-May-05	5993246.62	324526.31	6.63	LN3
263	4	16-May-05	5993249.28	324525.67	6.33	LN3
264	4	16-May-05	5993251.46	324525.36	6.10	LN3
265	4	16-May-05	5993253.24	324525.03	5.97	LN3
266	4	16-May-05	5993260.56	324523.25	5.36	LN3
267	4	16-May-05	5993267.77	324521.83	5.09	LN3
268	4	16-May-05	5993272.36	324520.73	4.82	LN3
269	4	16-May-05	5993283.39	324517.90	4.56	LN3
270	4	16-May-05	5993287.75	324517.16	4.30	LN3
271	4	16-May-05	5993294.86	324515.76	3.60	LN3

272	4	16-May-05	5993299.65	324514.55	3.08	LN3
273	4	16-May-05	5993303.59	324513.89	2.63	LN3
274	4	16-May-05	5993308.38	324512.91	2.09	OWL3 1303
275	4	16-May-05	5993305.47	324500.06	2.17	OWL4 1305
276	4	16-May-05	5993301.22	324501.14	2.68	LN4
277	4	16-May-05	5993293.25	324502.93	3.58	LN4
278	4	16-May-05	5993285.01	324504.60	4.39	LN4
279	4	16-May-05	5993281.63	324505.35	4.64	LN4
280	4	16-May-05	5993279.13	324505.84	4.65	LN4
281	4	16-May-05	5993275.90	324506.48	4.68	LN4
282	4	16-May-05	5993268.77	324508.03	4.90	LN4
283	4	16-May-05	5993261.01	324509.49	5.19	LN4
284	4	16-May-05	5993255.52	324510.98	5.59	LN4
285	4	16-May-05	5993252.17	324511.56	5.86	LN4
286	4	16-May-05	5993249.14	324512.21	6.17	LN4
287	4	16-May-05	5993246.95	324512.67	6.47	LN4
288	4	16-May-05	5993245.53	324512.99	6.59	LN4
289	4	16-May-05	5993243.16	324513.51	6.60	LN4
290	4	16-May-05	5993240.58	324514.04	6.61	LN4
291	4	16-May-05	5993232.09	324515.90	6.86	LN4
292	4	16-May-05	5993223.49	324517.75	6.99	LN4
293	4	16-May-05	5993217.50	324519.01	6.88	LN4
294	4	16-May-05	5993208.98	324520.76	6.62	LN4
295	4	16-May-05	5993201.82	324522.08	6.54	LN4
296	4	16-May-05	5993193.77	324523.78	6.51	LN4
297	4	16-May-05	5993192.37	324524.03	6.50	LN4
298	4	16-May-05	5993191.88	324524.03	6.43	LN4
299	4	16-May-05	5993191.85	324524.04	6.43	LN4
300	4	16-May-05	5993191.53	324524.02	6.26	LN4
301	4	16-May-05	5993191.58	324524.64	6.32	LN4
302	4	16-May-05	5993191.08	324524.73	6.26	LN4
303	4	16-May-05	5993189.81	324525.05	6.28	LN4
304	4	16-May-05	5993188.52	324525.30	6.31	LN4
305	4	16-May-05	5993187.63	324525.46	6.40	LN4
306	4	16-May-05	5993186.45	324525.59	6.48	LN4
307	4	16-May-05	5993185.25	324526.11	6.59	LN4
308	4	16-May-05	5993184.10	324526.34	6.79	LN4
309	4	16-May-05	5993182.20	324526.71	6.88	LN4
310	4	16-May-05	5993180.29	324527.02	7.13	LN4
311	4	16-May-05	5993176.48	324527.90	7.42	LN4
312	4	16-May-05	5993175.09	324528.18	7.66	LN4
313	4	16-May-05	5993173.66	324528.56	7.83	LN4
314	4	16-May-05	5993172.31	324528.88	7.85	LN4
315	4	16-May-05	5993167.69	324529.81	8.62	LN4
316	4	16-May-05	5993163.40	324530.57	8.24	LN4
317	4	16-May-05	5993159.54	324531.38	8.00	LN4
318	4	16-May-05	5993156.91	324531.97	7.86	LN4
319	4	16-May-05	5993155.08	324532.39	7.91	LN4
320	4	16-May-05	5993154.58	324532.53	7.86	LN4
321	4	16-May-05	5993153.32	324532.85	7.69	LN4
322	4	16-May-05	5993150.76	324533.45	7.50	LN4

323	4	16-May-05	5993149.20	324533.76	7.63	LN4
324	4	16-May-05	5993144.24	324535.10	7.90	LN4
325	4	16-May-05	5993142.02	324535.57	8.10	LN4
326	4	16-May-05	5993141.22	324535.72	8.21	LN4
327	4	16-May-05	5993140.37	324535.83	8.43	LN4
328	4	16-May-05	5993139.09	324536.11	8.83	LN4
329	4	16-May-05	5993137.54	324536.42	9.35	LN4
330	4	16-May-05	5993135.96	324536.79	9.85	LN4
331	4	16-May-05	5993135.03	324536.94	10.02	LN4
332	4	16-May-05	5993134.31	324536.98	9.87	LN4
333	4	16-May-05	5993133.58	324537.14	9.77	LN4
334	4	16-May-05	5993132.73	324537.39	9.71	LN4
335	4	16-May-05	5993131.86	324537.61	9.81	LN4
336	4	16-May-05	5993131.15	324537.81	9.91	LN4
337	4	16-May-05	5993130.00	324538.05	9.93	LN4
338	4	16-May-05	5993129.29	324538.23	9.99	LN4
339	4	16-May-05	5993127.89	324538.59	10.06	LN4
340	4	16-May-05	5993126.88	324538.82	10.23	LN4
341	4	16-May-05	5993126.03	324538.92	10.40	LN4
342	4	16-May-05	5993124.45	324539.27	10.94	LN4
343	4	16-May-05	5993123.47	324539.47	11.31	LN4
344	4	16-May-05	5993122.57	324539.66	11.78	LN4
345	4	16-May-05	5993121.70	324539.81	12.14	LN4
346	4	16-May-05	5993120.29	324540.02	12.13	LN4
347	4	16-May-05	5993119.20	324540.34	12.05	LN4
348	4	16-May-05	5993118.24	324540.47	11.79	LN4
349	4	16-May-05	5993117.59	324540.58	11.53	LN4
350	4	16-May-05	5993116.78	324540.83	11.43	LN4
351	4	16-May-05	5993115.88	324541.08	11.48	LN4
352	4	16-May-05	5993113.17	324528.51	10.41	LN4
353	4	16-May-05	5993113.94	324528.32	10.53	LN4
354	4	16-May-05	5993115.12	324528.02	10.76	LN4
355	4	16-May-05	5993116.45	324527.72	10.88	LN4
356	4	16-May-05	5993117.85	324527.47	10.89	LN4
357	4	16-May-05	5993118.98	324527.12	10.93	LN4
358	4	16-May-05	5993120.82	324526.68	10.80	LN4
359	4	16-May-05	5993121.94	324526.41	10.62	LN4
360	4	16-May-05	5993123.04	324526.32	10.38	LN4
361	4	16-May-05	5993124.16	324526.14	9.89	LN4
362	4	16-May-05	5993124.85	324526.10	9.61	LN4
363	4	16-May-05	5993125.51	324525.89	9.50	LN4
364	4	16-May-05	5993126.16	324525.72	9.45	LN4
365	4	16-May-05	5993127.07	324525.49	9.46	LN4
366	4	16-May-05	5993128.09	324525.26	9.50	LN4
367	4	16-May-05	5993129.14	324524.98	9.58	LN4
368	4	16-May-05	5993130.24	324524.73	9.70	LN4
369	4	16-May-05	5993131.28	324524.49	9.71	LN4
370	4	16-May-05	5993132.13	324524.45	9.75	LN4
371	4	16-May-05	5993132.74	324524.34	9.56	LN4
372	4	16-May-05	5993133.49	324524.17	9.21	LN4
373	4	16-May-05	5993134.26	324523.95	8.99	LN4

374	4	16-May-05	5993135.14	324523.73	8.87	LN4
375	4	16-May-05	5993136.95	324523.32	8.68	LN4
376	4	16-May-05	5993138.11	324523.07	8.52	LN4
377	4	16-May-05	5993138.99	324522.82	8.35	LN4
378	4	16-May-05	5993139.91	324522.70	8.24	LN4
379	4	16-May-05	5993141.52	324522.40	8.21	LN4
380	4	16-May-05	5993144.27	324521.89	7.99	LN4
381	4	16-May-05	5993147.38	324521.27	7.99	LN4
382	4	16-May-05	5993151.13	324520.45	7.88	LN4
383	4	16-May-05	5993153.32	324520.00	7.97	LN4
384	4	16-May-05	5993156.35	324519.18	8.08	LN4
385	4	16-May-05	5993160.89	324517.93	8.16	LN4
386	4	16-May-05	5993162.97	324517.44	8.26	LN4
387	4	16-May-05	5993165.61	324517.02	8.14	LN4
388	4	16-May-05	5993168.16	324516.76	7.75	LN4
389	4	16-May-05	5993170.81	324516.19	7.58	LN4
390	4	16-May-05	5993173.26	324515.67	7.61	LN4
391	4	16-May-05	5993174.60	324515.52	7.66	LN4
392	4	16-May-05	5993176.01	324515.24	7.37	LN4
393	4	16-May-05	5993177.44	324514.89	7.10	LN4
394	4	16-May-05	5993179.11	324514.39	6.92	LN4
395	4	16-May-05	5993180.87	324514.17	6.74	LN4
396	4	16-May-05	5993182.28	324514.00	6.58	LN4
397	4	16-May-05	5993183.13	324513.77	6.49	LN4
398	4	16-May-05	5993184.15	324513.48	6.40	LN4
399	4	16-May-05	5993185.32	324513.05	6.32	LN4
400	4	16-May-05	5993186.31	324512.68	6.26	LN4
401	4	16-May-05	5993186.88	324512.35	6.25	LN4
402	4	16-May-05	5993187.93	324512.67	6.26	LN4
403	4	16-May-05	5993189.13	324512.34	6.18	LN4
404	4	16-May-05	5993189.78	324512.14	6.19	LN4
405	4	16-May-05	5993190.70	324512.10	6.14	LN4
406	4	16-May-05	5993191.45	324511.92	6.14	LN4
407	4	16-May-05	5993191.93	324511.74	6.14	LN4
408	4	16-May-05	5993191.97	324511.81	6.15	LN4
409	4	16-May-05	5993192.41	324511.72	6.37	LN4
410	4	16-May-05	5993193.01	324511.55	6.51	LN4
411	4	16-May-05	5993198.86	324510.22	6.55	LN4
412	4	16-May-05	5993205.21	324508.95	6.65	LN4
413	4	16-May-05	5993217.86	324506.46	6.95	LN4
414	4	16-May-05	5993232.02	324503.56	6.93	LN4
415	4	16-May-05	5993239.94	324501.91	6.52	LN4
416	4	16-May-05	5993246.03	324500.66	6.21	LN4
417	4	16-May-05	5993252.19	324499.31	5.77	LN4
418	4	16-May-05	5993253.80	324498.63	5.57	LN4
419	4	16-May-05	5993270.01	324495.31	4.72	LN4
420	4	16-May-05	5993278.94	324493.48	4.60	LN4
421	4	16-May-05	5993281.53	324492.98	4.49	LN4
422	4	16-May-05	5993285.35	324492.22	4.17	LN4
423	4	16-May-05	5993290.25	324491.10	3.71	LN4
424	4	16-May-05	5993296.68	324489.66	3.08	LN4

425	4	16-May-05	5993301.18	324488.73	2.54	LN4
426	4	16-May-05	5993303.17	324488.28	2.29	OWL5 1418
427	4	16-May-05	5993300.71	324472.85	2.35	OWL6 1422
428	4	16-May-05	5993294.71	324474.19	3.03	LN6
429	4	16-May-05	5993285.12	324476.30	4.04	LN6
430	4	16-May-05	5993278.12	324477.74	4.49	LN6
431	4	16-May-05	5993270.66	324479.35	4.68	LN6
432	4	16-May-05	5993260.25	324481.57	5.15	LN6
433	4	16-May-05	5993253.86	324482.98	5.48	LN6
434	4	16-May-05	5993248.16	324485.23	5.95	LN6
435	4	16-May-05	5993244.40	324485.91	6.25	LN6
436	4	16-May-05	5993240.23	324486.79	6.50	LN6
437	4	16-May-05	5993235.52	324487.96	6.59	LN6
438	4	16-May-05	5993228.61	324489.32	6.88	LN6
439	4	16-May-05	5993219.77	324491.65	6.98	LN6
440	4	16-May-05	5993212.38	324493.39	6.90	LN6
441	4	16-May-05	5993203.97	324495.20	6.78	LN6
442	4	16-May-05	5993199.61	324495.99	6.53	LN6
443	4	16-May-05	5993191.86	324497.65	6.54	LN6
444	4	16-May-05	5993191.48	324497.67	6.50	LN6
445	4	16-May-05	5993191.14	324497.76	6.37	LN6
446	4	16-May-05	5993190.78	324497.82	6.30	LN6
447	4	16-May-05	5993190.15	324498.05	6.23	LN6
448	4	16-May-05	5993189.46	324498.29	6.21	LN6
449	4	16-May-05	5993188.84	324498.40	6.19	LN6
450	4	16-May-05	5993188.13	324498.61	6.16	LN6
451	4	16-May-05	5993186.95	324498.90	6.16	LN6
452	4	16-May-05	5993185.08	324499.35	6.20	LN6
453	4	16-May-05	5993183.55	324499.69	6.27	LN6
454	4	16-May-05	5993181.46	324500.31	6.35	LN6
455	4	16-May-05	5993179.59	324500.60	6.47	LN6
456	4	16-May-05	5993178.59	324500.84	6.57	LN6
457	4	16-May-05	5993176.04	324501.35	6.85	LN6
458	4	16-May-05	5993173.62	324501.87	7.35	LN6
459	4	16-May-05	5993170.81	324502.43	7.64	LN6
460	4	16-May-05	5993169.54	324502.63	7.81	LN6
461	4	16-May-05	5993168.29	324502.95	8.17	LN6
462	4	16-May-05	5993166.49	324503.43	8.03	LN6
463	4	16-May-05	5993164.50	324503.87	8.04	LN6
464	4	16-May-05	5993161.65	324504.58	8.12	LN6
465	4	16-May-05	5993158.59	324505.29	7.99	LN6
466	4	16-May-05	5993154.08	324506.22	7.92	LN6
467	4	16-May-05	5993150.78	324507.03	7.87	LN6
468	4	16-May-05	5993147.85	324507.67	7.99	LN6
469	4	16-May-05	5993146.55	324507.96	8.06	LN6
470	4	16-May-05	5993145.71	324508.02	7.90	LN6
471	4	16-May-05	5993144.14	324508.31	7.76	LN6
472	4	16-May-05	5993141.64	324508.88	7.72	LN6
473	4	16-May-05	5993139.20	324509.46	7.81	LN6
474	4	16-May-05	5993137.64	324509.74	7.73	LN6
475	4	16-May-05	5993136.90	324509.83	7.82	LN6

476	4	16-May-05	5993136.16	324510.00	8.14	LN6
477	4	16-May-05	5993135.44	324510.13	8.22	LN6
478	4	16-May-05	5993134.71	324510.24	8.57	LN6
479	4	16-May-05	5993133.54	324510.45	8.75	LN6
480	4	16-May-05	5993132.10	324510.77	8.97	LN6
481	4	16-May-05	5993130.69	324511.11	9.02	LN6
482	4	16-May-05	5993129.64	324511.37	8.93	LN6
483	4	16-May-05	5993128.09	324511.73	8.81	LN6
484	4	16-May-05	5993126.25	324512.29	8.77	LN6
485	4	16-May-05	5993124.96	324512.66	8.77	LN6
486	4	16-May-05	5993123.93	324512.94	8.97	LN6
487	4	16-May-05	5993122.44	324513.12	9.35	LN6
488	4	16-May-05	5993121.78	324513.30	9.56	LN6
489	4	16-May-05	5993120.70	324513.63	9.94	LN6
490	4	16-May-05	5993119.53	324513.96	10.27	LN6
491	4	16-May-05	5993117.79	324514.27	10.50	LN6
492	4	16-May-05	5993116.31	324514.54	10.59	LN6
493	4	16-May-05	5993115.17	324514.77	10.42	LN6
494	4	16-May-05	5993113.76	324515.04	10.13	LN6
495	4	16-May-05	5993112.48	324515.48	9.87	LN6
496	4	16-May-05	5993111.85	324515.71	9.64	LN6
497	4	16-May-05	5993111.29	324515.79	9.27	LN6