A COLOUR-MAGNITUDE DIAGRAM FOR THE GALACTIC BULGE

by

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ABSTRACT

A colour-magnitude diagram of 7889 stars brighter than B=18.0 is obtained for a low-absorption window of approximately one degree centered on the globular cluster NGC 6304 (l=356°, b=+5°; Z≈0.6 kpc).

Two plates, (103a-O+GG13 and 103a-D+GG14) taken with the 1.5-m CTIO telescope, were digitized and the data reduced to V magnitudes and B-V colours. The resulting colour-magnitude diagram reflects a range of metallicities but with a strong metal rich component. An excess of bright and of faint blue stars is present; the latter appear to be blue horizontal branch stars. Complementing the blue horizontal branch stars are red horizontal branch stars. At intermediate colour is an excess of stars which may be metal-rich red horizontal branch stars in the disk.

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CHAPTER 1

INTRODUCTION

The study of diverse stellar populations and their distribution took its start in 1944 with Baade, who proposed the concept of stellar populations noting that young, blue, metal-rich Population I stars occupied the disk and spiral-arm regions, while old, red, metal-poor Population II stars occupied the central regions of galaxies. Subsequent studies have altered and supplemented this view. At present the picture is of a disk component composed of Population I stars, generally young and metal rich, intermixed with dust and gas, and a spheroidal component, a halo of Population II stars, all old and metal poor. Within the spheroidal component is a nuclear bulge containing stars which correspond to neither the Population I nor II classification, since they appear to be generally old and high in metallicity.

Knowledge of the distribution of stellar types is essential in the realization of how galaxies form and evolve. As a consequence of the great distances between galaxies, observations of stars in our own Galaxy are a primary source of information; the study of the central region has become particularly important. Models of elliptical galaxies and bulges of spirals (earlier than Hubble-type Sc) have assumed that solar-neighborhood and globular-cluster stars are sufficiently representative of the total population; but studies of the stellar distribution and

composition in the direction of the galactic centre indicate that this is not so.

Direct observation of the galactic centre would be impossible because of dust in the plane were it not for a few "windows" (regions of relatively low absorption along the line of sight) discovered over the years. In describing the large-scale features and trends in populations, broad-band photometry is very useful. The first investigations of this type were carried out by Arp (1965), van den Bergh (1971) and van den Bergh and Herbst (1974) through low absorption windows at latitudes of -3.9° and -8.0°. Their colour-magnitude diagrams portrayed a region populated primarily by very old giants whose metallicities range from moderate (47 Tucanae) to metal-rich (NGC 188). In this current investigation, a greater number of stars photographed through a new window at a positive latitude are utilized to confirm their findings and to provide more evidence of a suspected metal-poor component.

In Chapters 2 and 3, respectively, the data and the reduction are described. Two plates, 103a-O+GG13 and 103a-D+GG14, were exposed on the 1.5-m telescope at Cerro Tololo recording a region centered on the metal-rich globular cluster NGC 6304 in the direction l=356°, b=+5°. The direction and low reddening of this field imply a window whose line of sight passes through the galactic bulge within 0.6 kpc of the centre (assuming a distance of 7 kpc to the galactic centre from the Sun). Earlier work (reddening, NGC 6304 and RR Lyrae variables) in this field has

been done by Hesser and Hartwick (1976) and Hartwick, Barlow and Hesser (1981). The plate images were digitized with the Dominion Astrophysical Observatory microdensitometer and processed on the VAX 11/750 in the Physics Department at the University of Victoria. In Chapter 4 the observations for all the uncrowded stars in an area of approximately 0.85 square degrees with B magnitudes brighter than 18 are analyzed via colour-magnitude diagrams and colour distribution plots with reference to a galaxy model program by Bahcall and Soneira (Bahcall 1986).

CHAPTER 2

OBSERVATIONS

2.1 PHOTOGRAPHIC DATA

The data for this project came from two plates which covered approximately one degree of sky centered on the metal-rich globular cluster NGC 6304 at l=356°, b=+5° ($\alpha(1950) = 17^h13^m.0$, $\delta(1950) = -29°26'$). Hesser and Hartwick (1976) had determined the reddening in this field to be E(B-V) = 0.58±0.05 mag. Given its direction, relatively low reddening and the relatively high frequency of field RR Lyrae stars this field may reasonably be considered to be a window into the nuclear bulge of the Milky Way Galaxy.

Both plates had been exposed on the Cerro Tololo Inter-American Observatory's 1.5-m telescope; the f/7.5 focal ratio produced a plate scale of approximately 18.3"/mm. Particulars about each plate are given in Table 1, and a photograph of the field is shown in Figure 1.

2.2 PLATE DIGITIZATION

The images were digitized with the PDS microdensitometer of the Dominion Astrophysical Observatory, which was set in density mode (density = log(transmission)). A 17-μm square aperture was selected in conjunction with a 15-μm stepsize. (Each resolution

element will henceforth be referred to as a pixel.) In order that no area on the plate would deliver a negative reading (lowest reading actually possible is zero) the photomultiplier voltage was set to give a value of approximately 0.10 density units for the clearest areas on each plate. Data were stored on magnetic tape in 16-bit format at 800-bpi density and later compressed to 1600 bpi.

For scanning, the plates were subdivided into nine sections. Because of tape length limitations it was necessary to scan these sections in two parts, each with an area of 4100x2100 pixels and overlapping by 100. A further overlap of 100 between sections ensured that no stars were missed if a plate was repositioned. In total the area scanned covered 181500x181500 μm^2 or 12100x12100 pixels. Furthermore, thirty-nine photoelectric standards from Hesser and Hartwick (1976) were periodically scanned in individual 100x100 pixel scans.

Each section scan required less than five hours to record and was preceded and followed by a scan-series of standard stars. The standards were used in positioning plates and in monitoring lamp voltage and/or amplifier drift. Some problems were encountered during the storage of data for the V plate that effected the loss of isolated scan lines. During the reduction, software corrections were applied to these areas (Section 3.2.1). In Table 2 is a list of all the scans recorded.

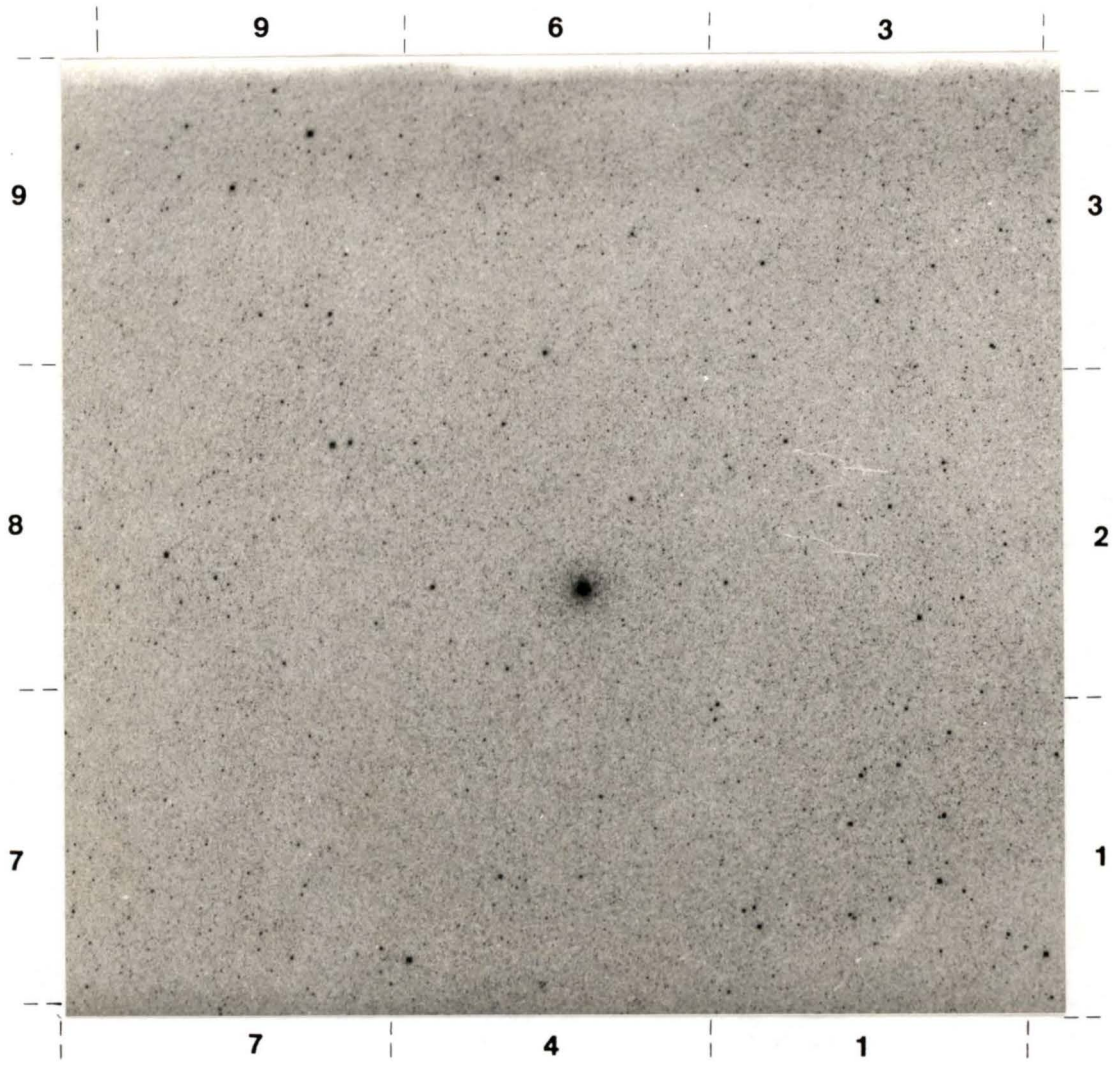


Figure 1: Field Surrounding NGC 6304.
The sections scanned are indicated. (North is to the right.)

TABLE 1

PLATE CHARACTERISTICS

	B Plate	V Plate
Plate No.	2112	2123
Date	16/17 June 1972	16/17 June 1972
Exposure	30 min	30 min
Emulsion	103a-O	103a-D
Filter	GG13	GG14
Seeing	1.5 - 2"	1" - 2"

TABLE 2

RECORD OF PLATE SCANS

B Plate Scan	Origin (μm) x	y	V Plate Scan	Origin (μm) x	y
standards 1b	-	-	standards 1b	-	-
section 1	0	15	section 1 (*)	0	15
	0	30015		0	30015
standards 1e	-	-	standards 1e2b	-	-
standards 2b	-	-			
section 2	-1	60015	section 2	0	60015
	0	90015		0	90015
standards 2e3b	-	-	standards 2e3b	-	-
section 3	0	120015	section 3 (*)	0	120015
	0	150016		0	150015
standards 3e4b	-	-	standards 3e4b	-	-
section 4	60000	15	section 4 (*)	60000	14
	60000	30015		60000	30015
standards 4e5b	-	-	standards 4e5b	-	-
section 5	60000	60015	section 5	60000	60015
	60000	90015		60000	90015
standards 5e	-	-	standards 5e6b	-	-

TABLE 2 cont.

B Plate Scan	Origin (μm) x	y	V Plate Scan	Origin (μm) x	y
standards 6b	-	-			
section 6	60000	120015	section 6 (*)	60000	120015
	60000	150015		60000	150015
standards 6e7b	-	-	standards 6e7b	-	-
section 7	120000	15	section 7	120000	15
	120000	30015		120000	30015
standards 7e	-	-	standards 7e8b	-	-
standards 8b	-	-			
section 8	120000	60015	section 8	120000	60015
	120000	90015		120000	90015
standards 8e9b	-	-	standards 8e9b	-	-
section 9	120000	120015	section 9	120000	120015
	120000	150016		120000	150016
standards 9e	-	-	standards 9e	-	-

b Scan done at beginning of given section scan.

e Scan done at the end of given section scan.

* Section suffered loss of some data.

CHAPTER 3

DATA REDUCTION

3.1 OVERVIEW

The data reduction process consisted of four main stages which are outlined here. The first stage was to detect and measure stellar images, which was accomplished with the R2D2 software package. R2D2 is a two-dimensional picture processing package coded and made available by C. Pritchet; this package is augmented with a faint object photometry package coded by L. Infante. It is implemented on a VAX 11/750 and interfaced with an I^2S image processing system in the Physics Department of the University of Victoria. Both the scan-series of standard stars and the section-scans of program stars were processed identically with R2D2. R2D2 provides coordinates for each image in a local system; the second stage was to convert these coordinates to microns which would indicate relative positions on a plate and to transform image positions from one plate to another. Initially, stellar images were located on the B plate, then their positions transformed to the V plate using the coordinates of standard stars. The third stage was to calibrate each section of program stars. R2D2 measurements of standard stars were taken in pairs of scan-series bracketing a section to determine for that section the transformation parameters. The initial transformation was from the instrumental photographic magnitudes to the apparent

photoelectric magnitudes; the second, to the standard (V, B-V) system. In the fourth and final stage the images were tested for their acceptability as uncrowded, single stellar images with B magnitudes brighter than 18. The results from bracketing scan-series of standards supplied the relations between the R2D2 measurements of brightness, size and central compactness. The final observations of the program stars have been tabulated in a catalogue and displayed in a colour-magnitude diagram.

3.2 R2D2 SOFTWARE

R2D2 software was used to detect images on the photographic plates which were then measured for brightness, size, and compactness (or central concentration). The algorithms, which are modifications of techniques put forth by Kron (1980), are briefly described in these subsections. Further descriptions and test results may be found in Infante's thesis (1985). It should be noted that the R2D2 routines were written with the intention of dealing with intensity data and that operations (e.g., sky subtraction) described here are normally performed on intensities; however, since sensitometer spots were not present on the photographic plates employed in this analysis, the routines were necessarily applied to density data. Any discrepancies were taken care of in the calibrations with photoelectric observations of the standard stars.

3.2.1 DATA FRAMES

R2D2 operates on data arrays or frames with a maximum size of 500x500 pixels. Each standard star is contained within a 100x100-pixel frame, while each plate section is divided into one hundred 500x500-pixel frames. These latter frames overlap by 100 pixels so that no stars were lost to processing because they fell too near a frame edge.

As was mentioned earlier a number of scan lines were lost. To correct for these, pieces of the problem frame were read in, shifted, and added together. The missing lines were then identified and filled in via a linear interpolation routine in R2D2 using the rows on either side of the gap. In most cases only one line is missing in any one place, although as many as three to five may be lost in any particular frame. In one instance, three consecutive lines were lost.

3.2.2 IMAGE DETECTION

An algorithm is available which detects images of objects and determines their positions. A second, centroid-finding routine improves these locations since the photometry routine in R2D2 requires accurate positions. In the data reduction process decided on for this project images were first located from the B plate scans and accurate centroids determined for them. For V measurements these positions were transformed and centroids

re-determined. The standard stars were handled in a manner similar to that for B plate images; however, for very faint standards it was necessary to lower the detection threshold or even to mark their positions manually.

Before implementation of the detection command, the data frames were compressed by a factor of two and the sky background removed with the purpose of increasing efficiency without loss of precision. The detection algorithm makes an initial pass over the frame noting any pixel with a value greater than all of its nearest neighbours as a candidate. On each candidate is centered a rectangle composed of three square subareas; the size of a subarea is defined to be comparable to that of the largest star. Within the central subarea an aperature is drawn (smaller than the smallest star in order to avoid sky) defining the potential image's intensity. Local background is the average of the two lowest subarea intensities. The positions of all candidates with a signal-to-noise ratio greater than a given threshold are stored in a file. Since multiple findings of an object are possible, all hits within a radius comparable to the seeing disk are merged.

Tests to determine the appropriate choice of parameter values were carried out on a 500x500 frame containing five standards with B magnitudes ranging from 11.71 to 18.37. Most critical are the detection threshold and the subarea dimensions. The object was to detect all images with a B magnitude brighter than 18 magnitudes, simultaneously, minimizing the number of faint images found and the number of multiple detections made. In the end a signal-to-

noise threshold of 15 was coupled with a subarea size of 15x15 pixels and an aperture size of 5x5 pixels. All findings within a radius of 3 pixels were to be merged and approximate centroids were to be determined within a 7x7 pixel box.

The algorithm whereby these positions are improved is based on an intensity-weighted numerical integration. The centroids are defined by

$$x_c = \frac{\int x(I(x,y)-I_s)\, dA}{\int (I(x,y)-I_s)\, dA}$$

and

$$y_c = \frac{\int y(I(x,y)-I_s)\, dA}{\int (I(x,y)-I_s)\, dA}$$

where $I(x,y)$ is the intensity of the pixel at coordinate position (x,y), I_s is the background value per pixel, and dA is the area element. The integration begins at the maximum-valued pixel within a box and continues to an isophotal radius 4σ above the sky background level. A box size of 45x45 was judged to be the best choice for implementing this centroid-determination routine, which was performed on the original data frame.

3.2.3 IMAGE MEASUREMENT

A moment algorithm, defined below, measures images and stores the results in a disk file: original position coordinates, statistical moments (r_1, r_{-2}), image brightness (total light contained within an aperture of radius $2r_1$ pixels), number of

pixels summed over in brightness determination, sky level per pixel, noise in sky value, and number of pixels involved in sky determination. The first moment of the image, r_1, is defined by

$$r_1 \equiv \frac{\int_1^{r_{up}} rg(r)\, dr}{\int_1^{r_{up}} g(r)\, dr},$$

where $g(r) = 2\pi r I(r)$ is the amount of light within an annulus of width dr and I(r) is the total intensity at radius r. The parameter r_1 is a characteristic radius weighted by the light distribution function g(r) and as such depends neither on sky background nor signal-to-noise ratio. Ordinarily, r_1 is a linear function of magnitude; however, since bright photographic images are saturated the light distribution function underestimates the total amount of light whereby the relation becomes nonlinear. The r_{-2} moment is a statistic strongly weighing central light and is therefore a measure of an image's compactness. It is defined by

$$\frac{1}{(r_{-2})^2} \equiv \frac{\int_1^{r_{up}} r^{-2} g(r)\, dr}{\int_1^{r_{up}} g(r)\, dr}$$

Intended as a star/galaxy separator, r_{-2} proved to be useful in the verification of true single stellar images; a star is defined as any object possessing a light distribution function indistinguishable from that of a point spread function. As was the case with r_1, r_{-2} is a nonlinear function of magnitude for bright stars; still, a linear relationship exists between r_1 and r_{-2}. Of the two, r_1 is the less precise moment because of noise at large radii.

The photometry algorithm operates on a circular area of fixed radius centered on each image, in isolation from the rest of the frame. The area is divided into two concentric parts: an outer annular region and an inner circular region. An iterative calculation provides the level of sky background level from the outer region: pixel values deviating by more than 2.1σ are removed from the mean of the distribution until a stable result is attained. Photometric calculations are performed within the inner region: after the sky value calculated is subtracted from each pixel, a summation executed over a number of annuli produces the total light for the object. Kron suggests that a photometric aperture of $2r_1$ would produce the best results with a minimum amount of light missed. As an option, excision is available for separating blended images and for extracting image irregularities (bad pixels). Each annulus within the inner region is sectioned and the sector intensities inter-compared; values with a residual greater than a given tolerance are replaced by a suitable weighted mean of the uncontaminated sectors.

Tests with the aim of deciding on the most appropriate set of parameter values were performed on two full-size data frames and the accompanying scan-series of standards. Parameters were desired which would produce consistent measurements for stars brighter than 18 magnitudes, as well as a means to extirpate contaminated or nonstellar images. To accommodate diverse image sizes the upper limit of integration, r_{up}, was defined to be that radius at which g(r) is 1% of the sky level. A diameter of

50 pixels was selected for the working area and a width of 1 pixel, for the annuli summed over. Since the sky annulus should be larger than most images but not so large as to sample background fluctuations, inner and outer diameters of 45 and 60 pixels, respectively, were settled upon. The excision routine was implemented to commence at four pixels from the image with eight sectors per annulus; thereby, sectors would contain a statistically significant number of pixels. The tolerance level for acceptance of a sector measurement was 1.5σ.

3.3 POSITION DETERMINATIONS

During the course of R2D2 processing, each image had been provided with x- and y-pixel coordinates indicating position within a data frame; also, each frame had been provided with x- and y-micron coordinates indicating position upon a plate. Recalling that the scanning stepsize or distance between pixels was 15 microns, the conversion from pixel- to micron-coordinates was a simple calculation.

The transformation of image positions from B-plate frames to V-plate frames was more complicated. Section by section, pairs of standard star positions from bracketing scan-series were averaged and from three well-separated, well-defined standards a set of transformation parameters was obtained: scaling factor, rotation angle, and x- and y-translations. In consequence of overlapping between plate sections and the inexact re-positioning of the

plates, a transformation of images was attempted from any B-plate section which may overlap a given V-plate section. Additionally, since coordinates for V-plate images were altered by the centroid-finding routine, a file containing B- and V-plate coordinates was created and continually altered to keep pace with alterations; its purpose, to correlate observations between the plates.

3.4 CALIBRATION

The photometric sequence originates with Hesser and Hartwick (1976). Comprised of thirty-nine stars within 10 arcmin of NGC 6304 it extends over the range $10.2 < V < 19.1$ and $0.80 < B-V < 2.22$. The photoelectric observations had been transformed with errors less than 0.02 magnitudes. In Appendix B the relative positions of the standard stars are illustrated and their photoelectric observations are listed in Table 3.

Mihalas and Binney (1981, page 57) had stated that the combination of "the high precison of photoelectric photometry and the enormous information capacity of photographs (allows one) to determine relatively accurate magnitudes ... for large numbers of stars". To this end, an initial calibration was executed with the purpose of determining "photoelectric" magnitudes from the photographic data, i.e.,

$$m_{pe} = f\,[m_{pg}]$$

where m_{pe} is the apparent photoelectric magnitude and m_{pg} is the instrumental photographic magnitude. In actuality, since the

photoelectric magnitudes are more precise, the inverse was curve-fitted (quadratically) and the solution inverted. Such a solution was obtained for each section from measurements of its bracketing standards; each point treated independently (Figures 2a,b). (Although values of standards scanned before a section differ from values of those scanned afterwards, no systematic variances were apparent.) Occasionally, very faint standards were handled poorly by the R2D2 software because parameters for the commands were selected with bright stars (< 18 mag) in mind; fortunately, they did not seriously affect the calibration curves outside their domain.

Before proceeding with the second series of calibrations, the photometric results of standards for a section were averaged and the solutions of the first calibration applied, ($m_p \rightarrow m_{pe}[m_{pg}]$). For the first colour transformation a straight line was fitted to

$$(B-V)_{pe} - (B-V)_{pepg} = c_0 + c_1(B-V)_{pe}$$

(Figure 2c). Rearranged, the solution yields final colours:

$$(B-V)_f = \frac{c_0 + (B-V)_{pepg}}{1-c_1},$$

which were then used in the solution of the second transformation:

$$V_{pe} - V_{pepg} = c_0 + c_1 (B-V)_f$$

(Figure 2d). Rearranged, this solution yields final V magnitudes:

$$V_f = c_0 + c_1 (B-V)_f + V_{pepg} .$$

The calibration solutions for each plate section are given in Appendix A, Table A-1. In Table 3 are the averaged photographic observations of the standards as obtained via the calibrations.

For some standards the differences between the photoelectric and photographic measurements are large, probably a reflection of crowding and high sky background. The photographic measurements for each standards obtained from different section calibrations are internally consistent.

3.5 UNCERTAINITIES

3.5.1 IMAGE TESTING

Not all the images processed were uncontaminated stellar objects with a B magnitude greater than 18. Plate flaws (e.g., scratches, smears) are one obvious source of trouble; they may have been accepted as images by the R2D2 routines. More commonly, very faint stars in this crowded field may not have responded well to R2D2 command parameters selected in consideration of bright stars. Crowding may have caused positions to be pulled off centre and may also have affected photometric measurements. Moreover, multiple or close stars may have been treated as single stars. The excision option in R2D2's photometry command is not a very sophisticated algorithm in terms of coping with a high degree of crowding as was present in the plates used in this research.

In order to extirpate dubious images, a routine was devised to test the R2D2 measurements of brightness (sum of total light), size (r_1) and compactness (r_{-2}). From the results for each section's bracketing scan-series a linear least-squares solution

was determined between r_{-2} and sum, and between r_1 and r_{-2}. Section by section the image measurements were compared against these fits and all those images with deviations greater than three standard deviations were rejected. In addition to this automatic testing, images with unusually low background, presumably lying near a plate edge, were removed. Table A-2 in Appendix A displays the solutions obtained from the standards; Figures 3 and 4 illustrate how these tests were applied.

3.5.2 UNCERTAINTY ESTIMATES

The R2D2 commands do not produce estimates of errors for their results; therefore, a comparison of differences between the results from a plate section's beginning and ending pairs of scan-series provided an indication of the reproducibility of R2D2's measurements. Within each section the differences were averaged, then the mean differences and standard deviations were determined for the B and V plates, respectively: for x and y positional coordinates: $\Delta x = 1.38 \pm 15.45$, 0.04 ± 7.66 microns and $\Delta y = -3.84 \pm 15.61$, -12.91 ± 24.18 microns; for the r_1 and r_{-2} moments: $\Delta r_1 = 0.02 \pm 0.49$, 0.01 ± 0.52 pixels, $\Delta r_{-2} = 0.01 \pm 0.18$, -0.00 ± 0.18 (pixels^{-2}); and for the photographic instrumental magnitudes: $\Delta m_{pg} = 0.00 \pm 0.11$, 0.00 ± 0.16 magnitudes.

Although there was disagreement between photoelectric and photographic measurements of the standards, the uncertainties are not on the scale of the colour-magnitude diagrams which were

derived. The mean magnitude and colour deviations are -0.001±0.161 and 0.007±0.129. Moreover, since the program stars are accepted to be at varying distances well-defined sequences are not forthcoming. The large number of stars is of greater significance for the manifestation of trends and features.

As was mentioned earlier, tape problems lead to the loss of scan lines, which were subsequently corrected for. An investigation into the effect of replaced lines on stars of various brightnesses indicated magnitude differences of less than two percent.

3.6 FINAL RESULTS

Once the R2D2 processing and testing had been completed a file containing the measurements from the photometry routine existed for each plate section as well as a set of calibration parameters. Section-by-section, the files from each plate were combined and transformed, producing a final list of coordinates, V magnitudes and B-V colours for 7977 non-crowded, uncontaminated stellar images with B magnitudes brighter than 18. This catalogue is contained within Appendix B.

The colour-magnitude diagram resulting from the data and its reduction can be viewed in Figure 5a. The second figure (Figure 5b) indicates those stars observed that lie within a region, 4' in diameter, surrounding the cluster NGC 6304. These stars were removed from the observation lists before analysis of the results.

TABLE 3

PHOTOMETRIC SEQUENCE

Star	Photoelectric Values V	B-V	Photographic Values V	B-V	No. of Measures
A	10.25	1.22	-	-	
H	10.70	1.01	-	-	
J	11.47	1.40	11.68	1.21	9
5	14.88	0.93	14.75	1.06	9
7	13.95	1.65	14.19	1.56	9
9	18.95	1.63	-	-	
10	16.28	1.49	16.17	1.47	9
11	18.73	1.43	-	-	
12	17.47	1.81	17.52	1.81	3
13	15.35	1.51	15.30	1.59	9
14	17.15	1.17	17.30	0.99	8
15	16.61	1.61	16.61	1.56	7
16	13.57	1.01	13.82	0.76	9
17	13.88	2.01	14.20	1.75	9
18	18.87	1.47	-	-	
21	16.04	1.02	15.92	1.09	9
24	15.46	2.00	15.32	2.05	9
29	15.48	0.92	15.24	1.03	9
30	16.55	1.04	16.49	1.00	9

TABLE 3 cont.

Star	Photoelectric Values V	B-V	Photographic Values V	B-V	No. of Measures
31	15.16	2.09	15.28	2.14	9
33	14.21	1.66	-	-	
34	15.27	0.81	15.04	0.95	2
35	17.07	1.30	16.76	1.40	2
36	13.31	0.80	13.45	0.70	8
38	18.28	2.22	18.25	2.01	3
40	19.15	1.65	19.30	1.75	1
41	15.35	2.09	15.25	2.06	9
42	17.71	1.73	17.66	1.69	9
43	15.21	1.56	15.14	1.70	9
44	13.83	1.15	13.93	1.15	9
45	17.14	1.14	16.94	1.22	7
51	16.04	1.12	15.95	1.11	2
52	16.55	1.87	16.50	2.10	9
53	15.50	1.74	15.40	1.92	2
54	14.09	2.17	14.35	2.05	9
55	16.07	1.93	15.90	2.14	9
56	15.54	0.95	15.36	1.04	9
57	16.48	1.69	-	-	
58	15.09	2.12	15.17	2.17	9

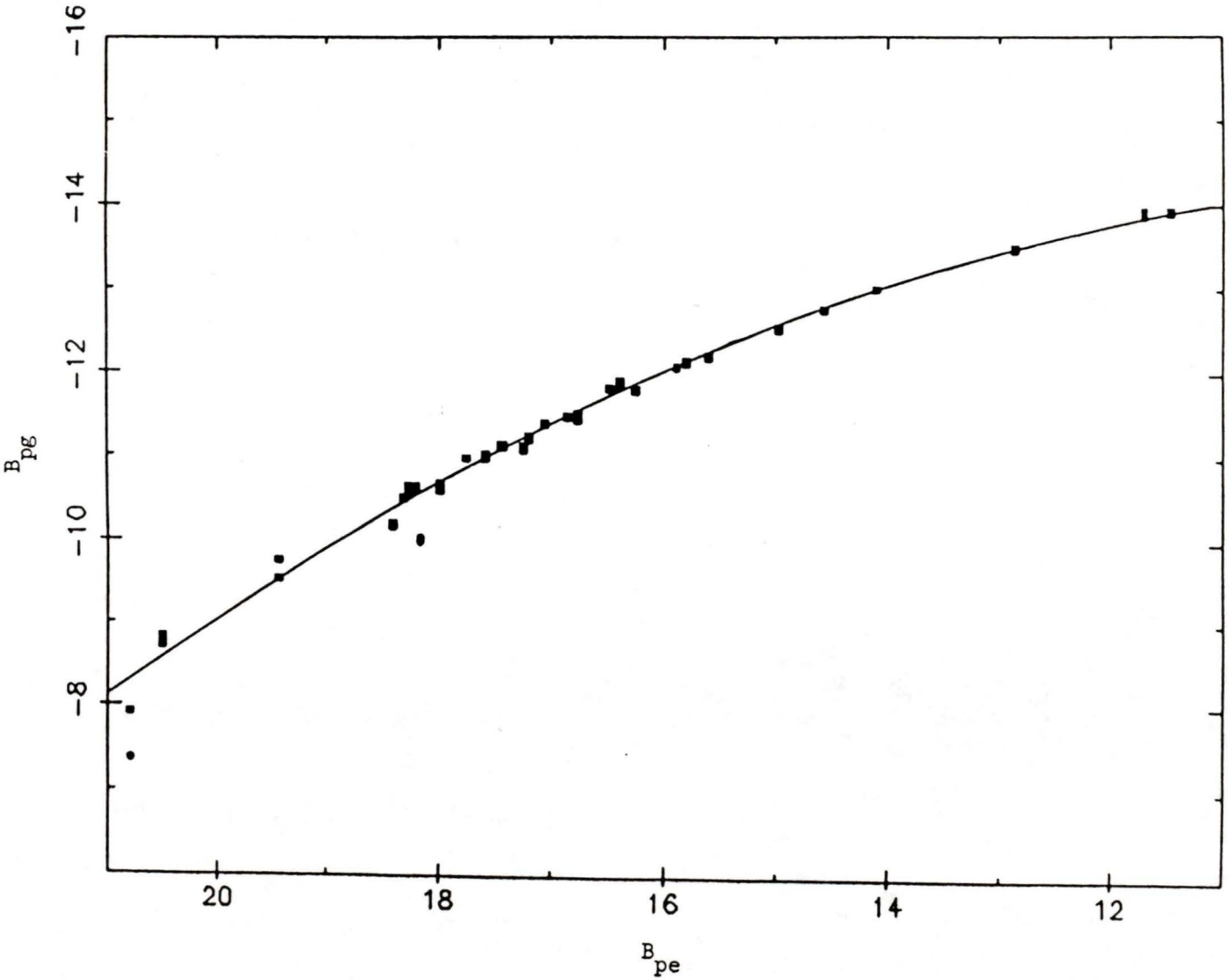


Figure 2a: Sample Photographic - Photoelectric Calibration.

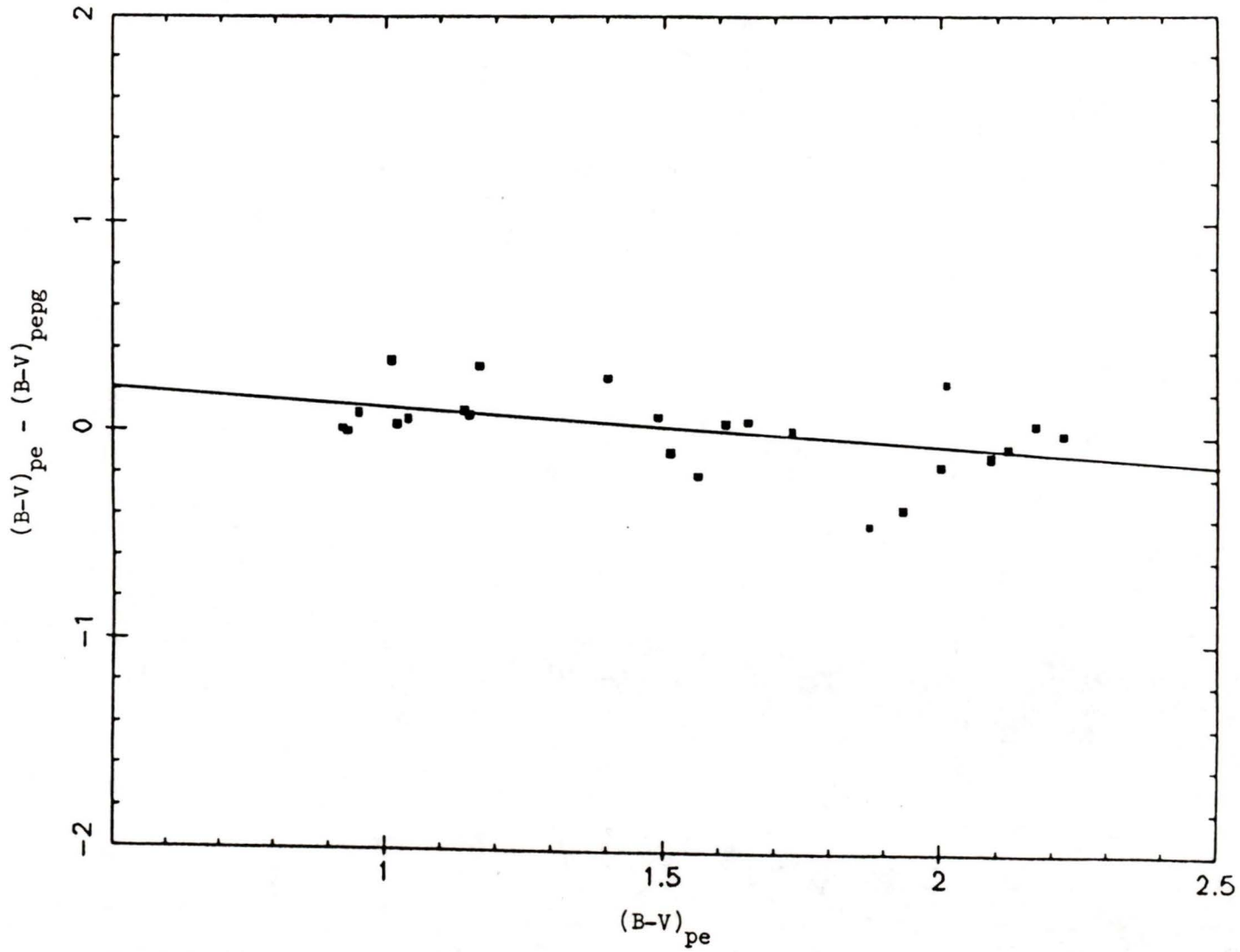


Figure 2b: Sample B-V Colour Calibration.

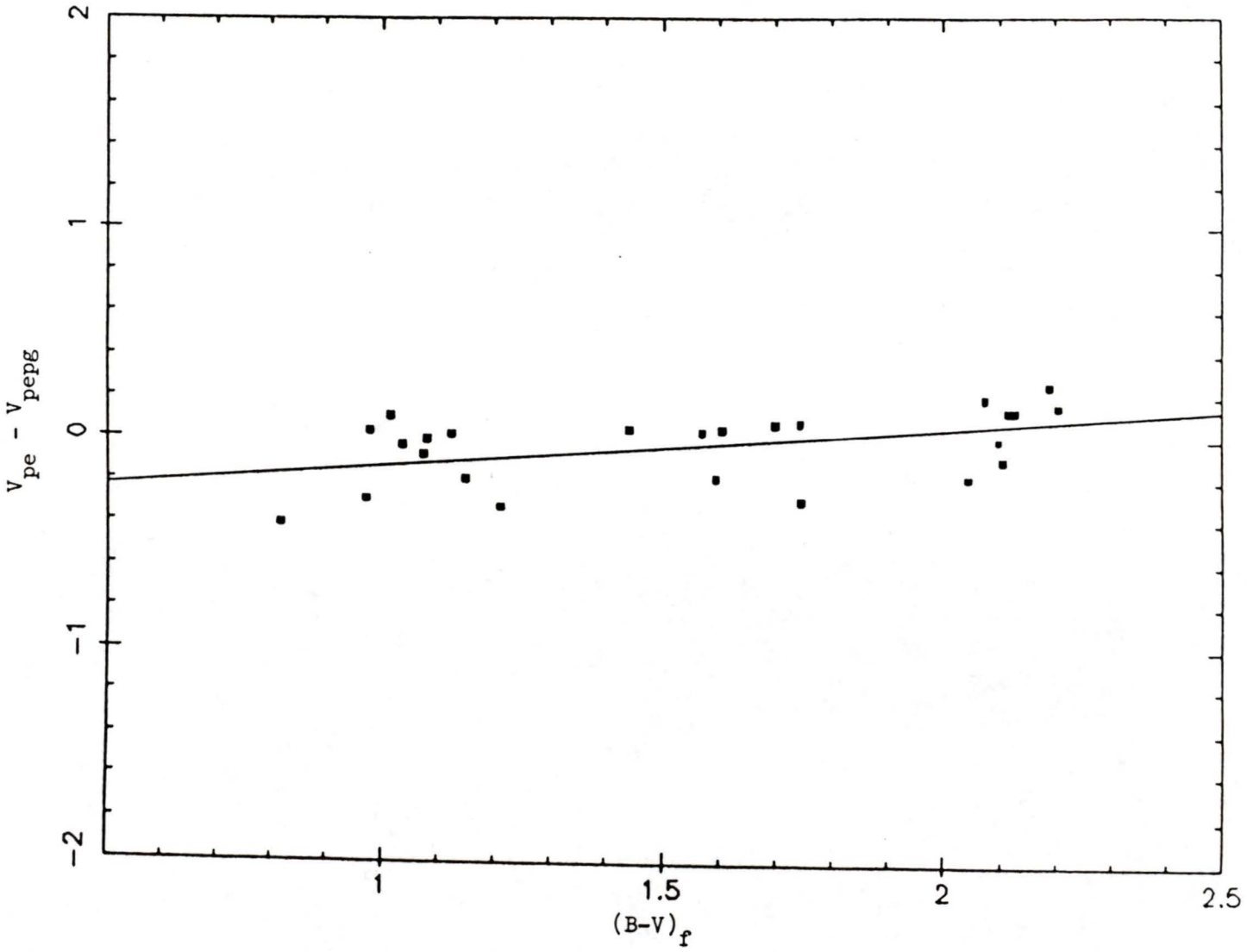
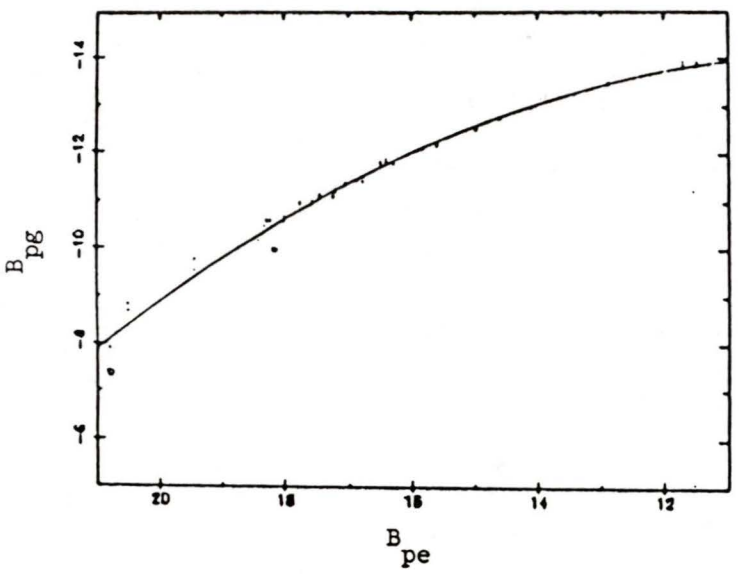
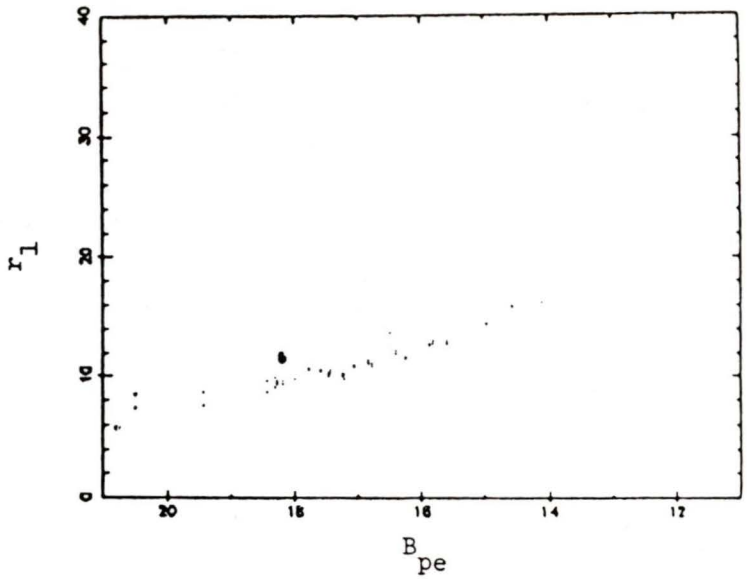


Figure 2c: Sample V Colour Calibration.





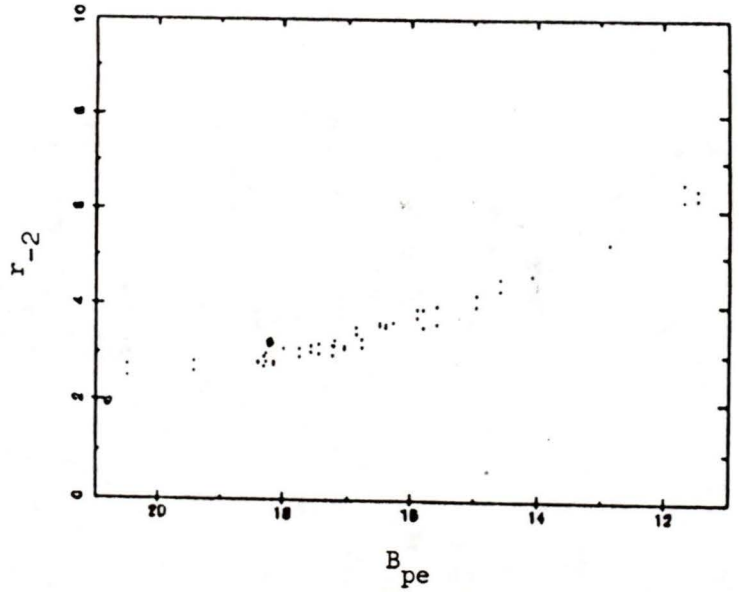
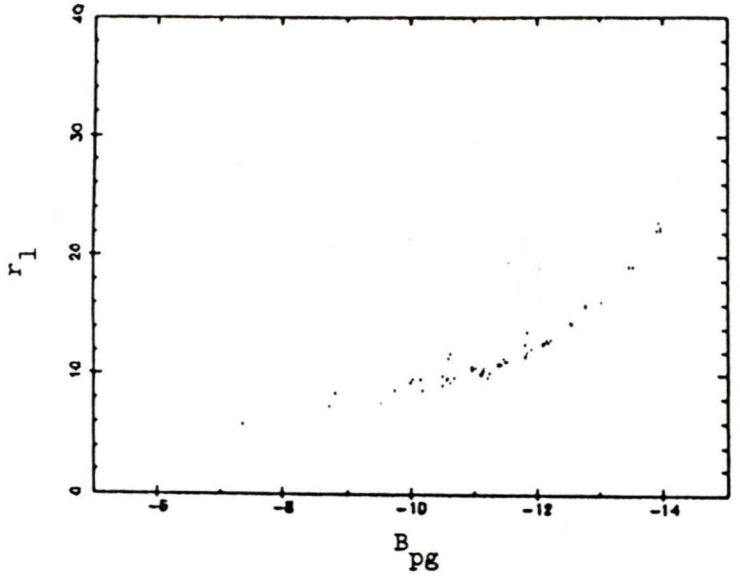
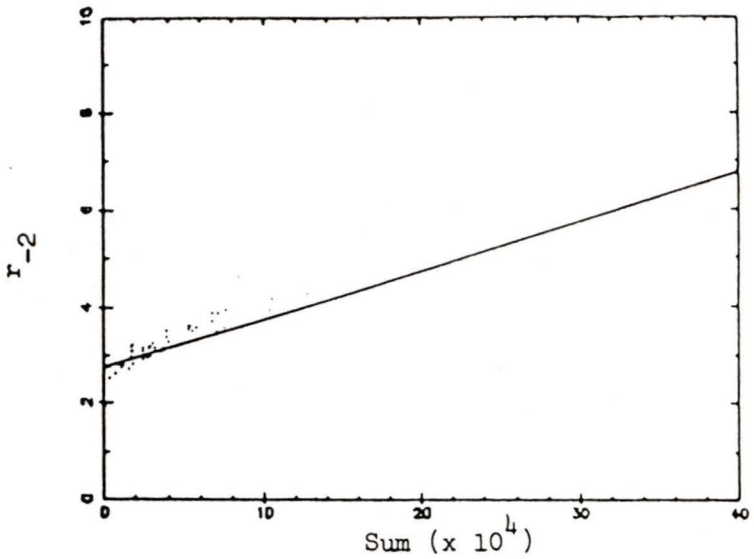


Figure 3a: Relations Between R2D2 Measurements and Photoelectric Magnitude. Plots such as these show up standard stars which were handled poorly by R2D2. Circled points would not be included in calibration solutions (Figure 2a).





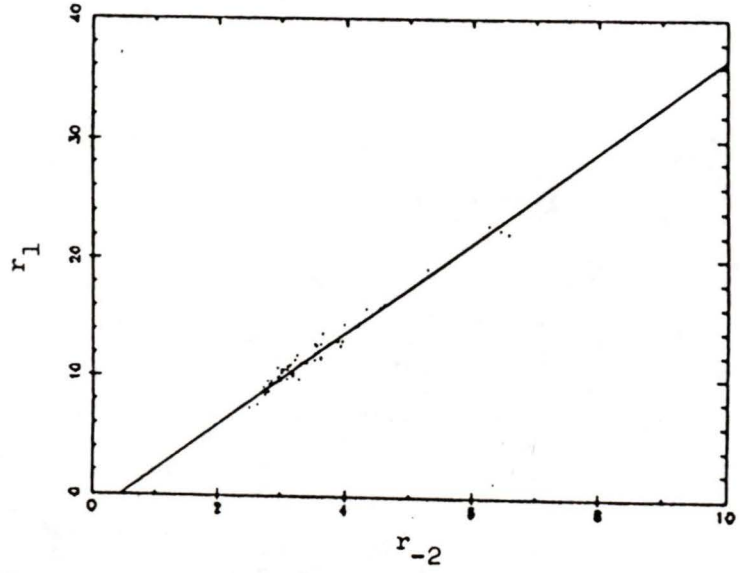


Figure 3b: Relations Between R2D2 Measurements.

Solutions to r_{-2} as a function of sum and to r_1 as a function of r_{-2} were applied to R2D2 measurements of program stars in order to isolate uncrowded stellar images (Figures 4b,c).

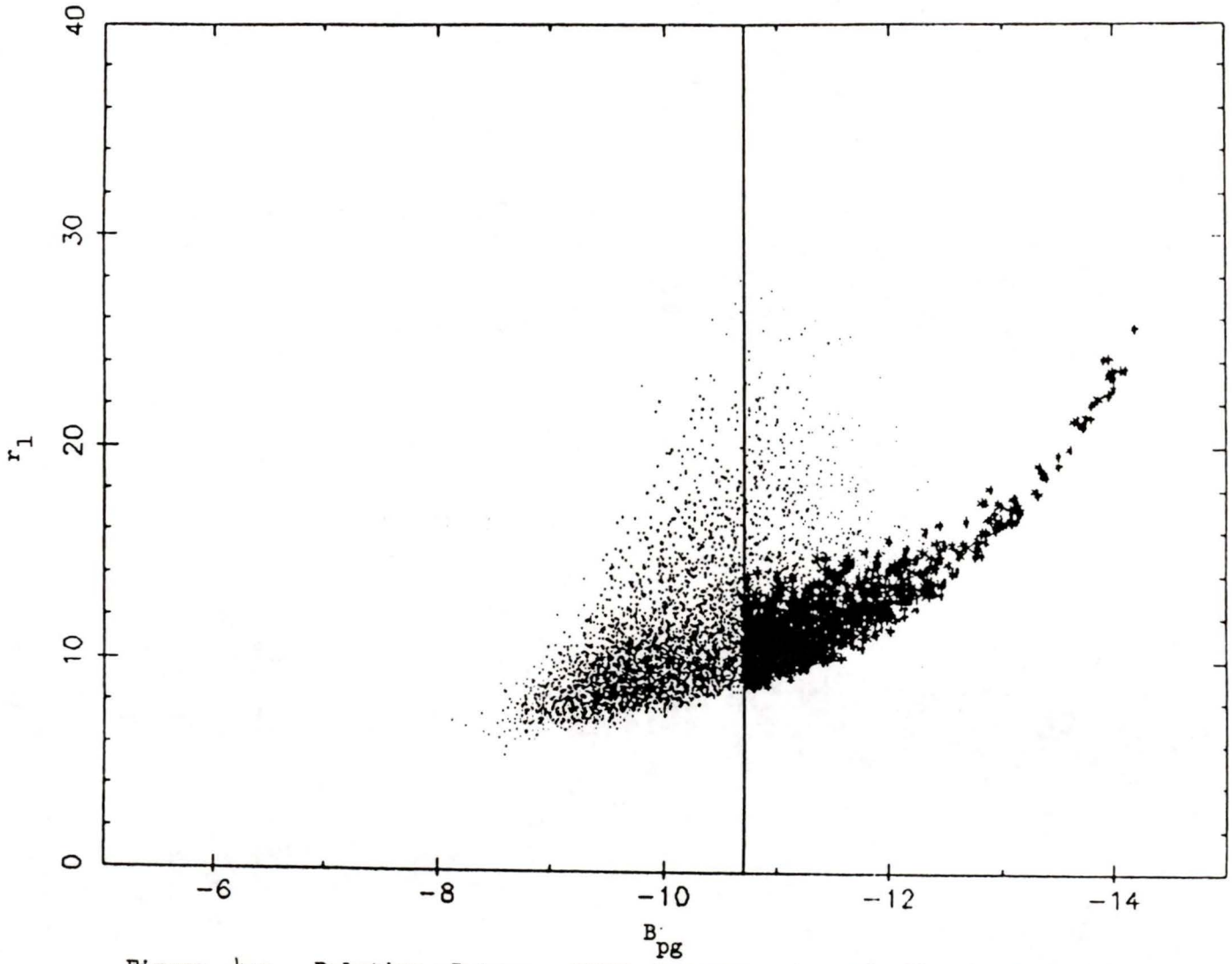


Figure 4a: Relation Between R2D2 Measurements of Size and Brightness. Images to left of line fall below faint magnitude cutoff (B=18.0), images to right represented by dots failed one or both of the other tests (Figures 4b,c).

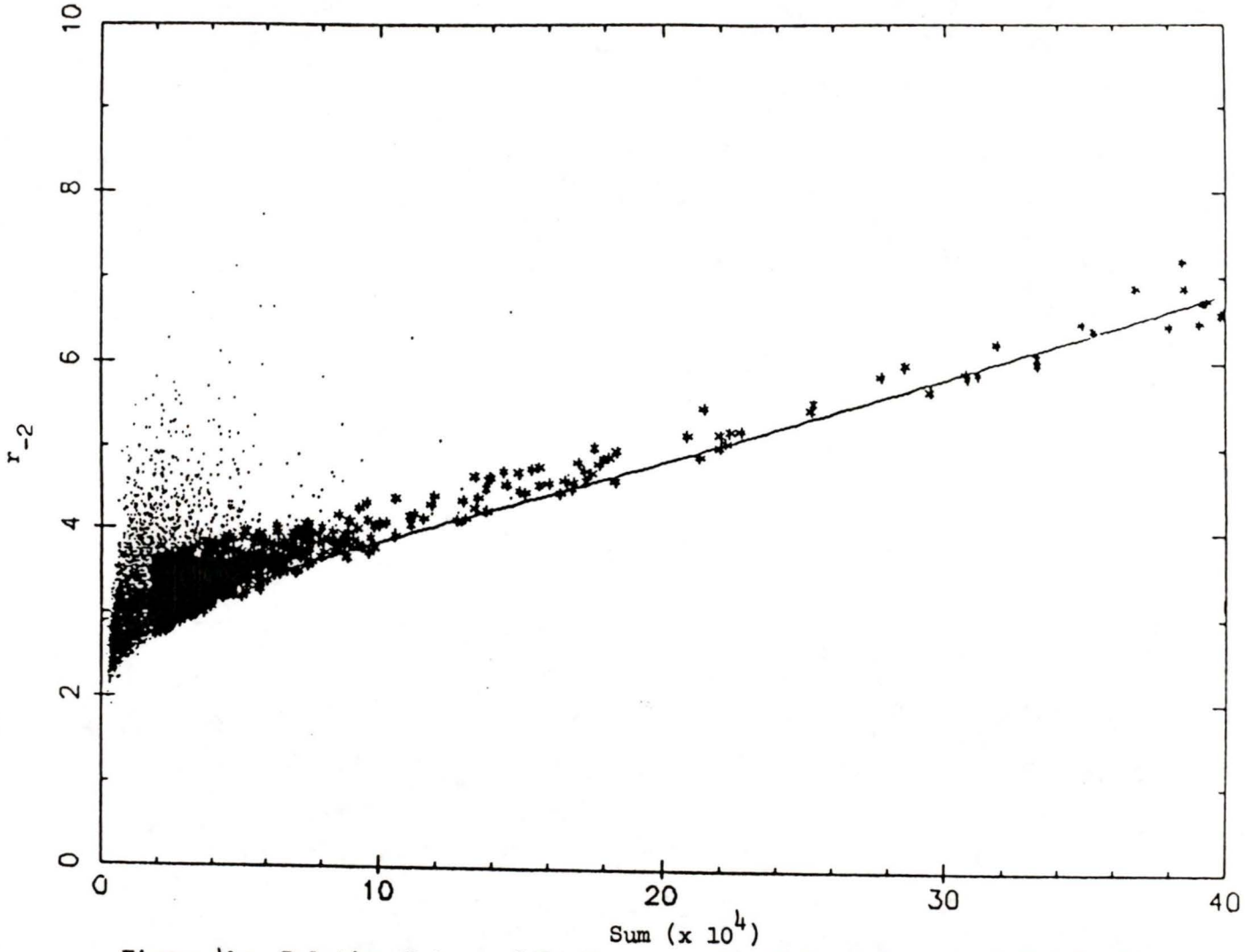


Figure 4b: Relation Between R2D2 Measurements of Compactness and Total Light. Line is solution from standard stars. Images plotted as dots failed any one of the three tests (Figures 4a,c).

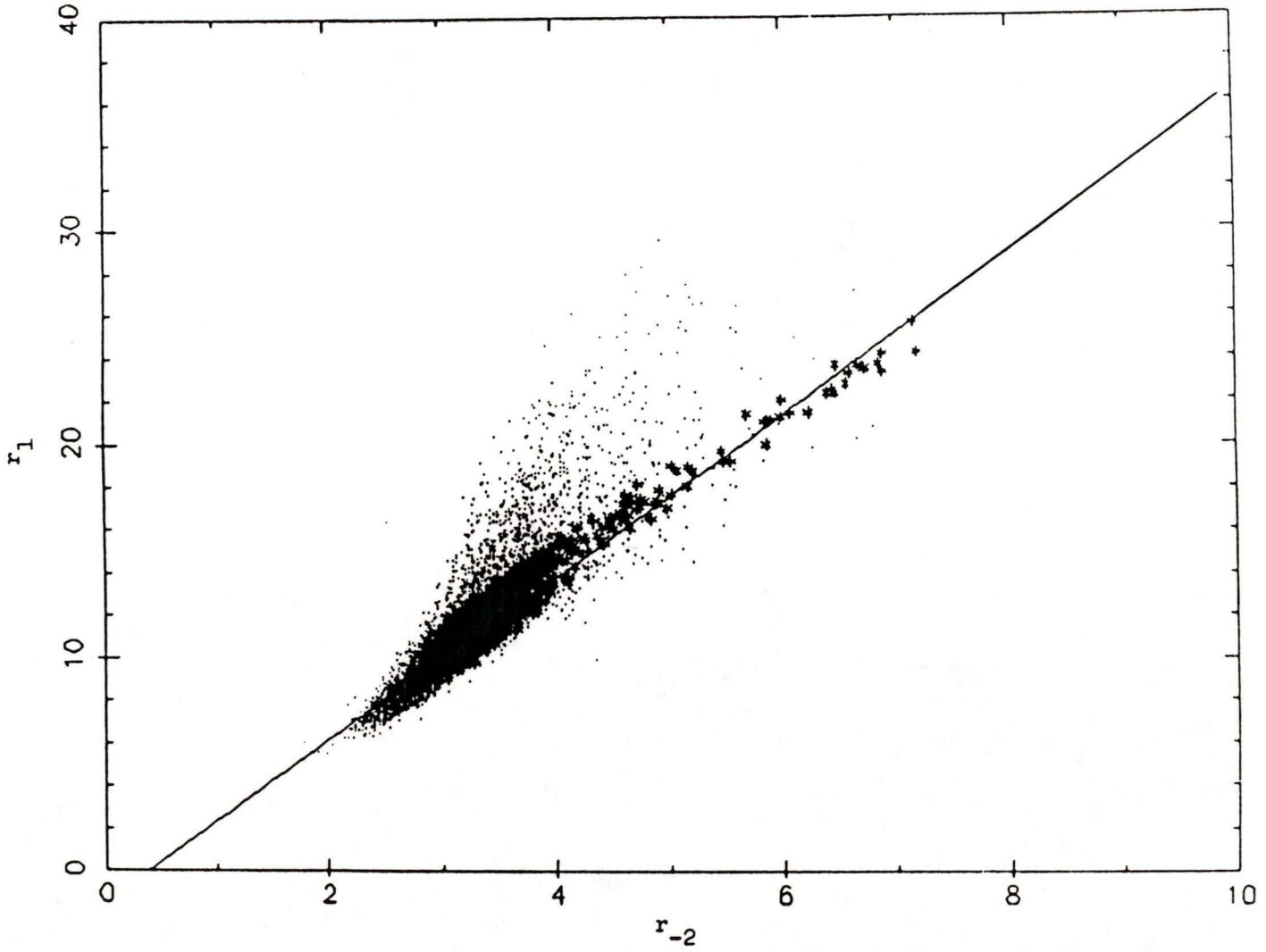


Figure 4c: Relation Between R2D2 Measurements of Size and Compactness. Line is solution from standard stars. Images plotted as dots failed any one of the three tests (Figures 4a,b).

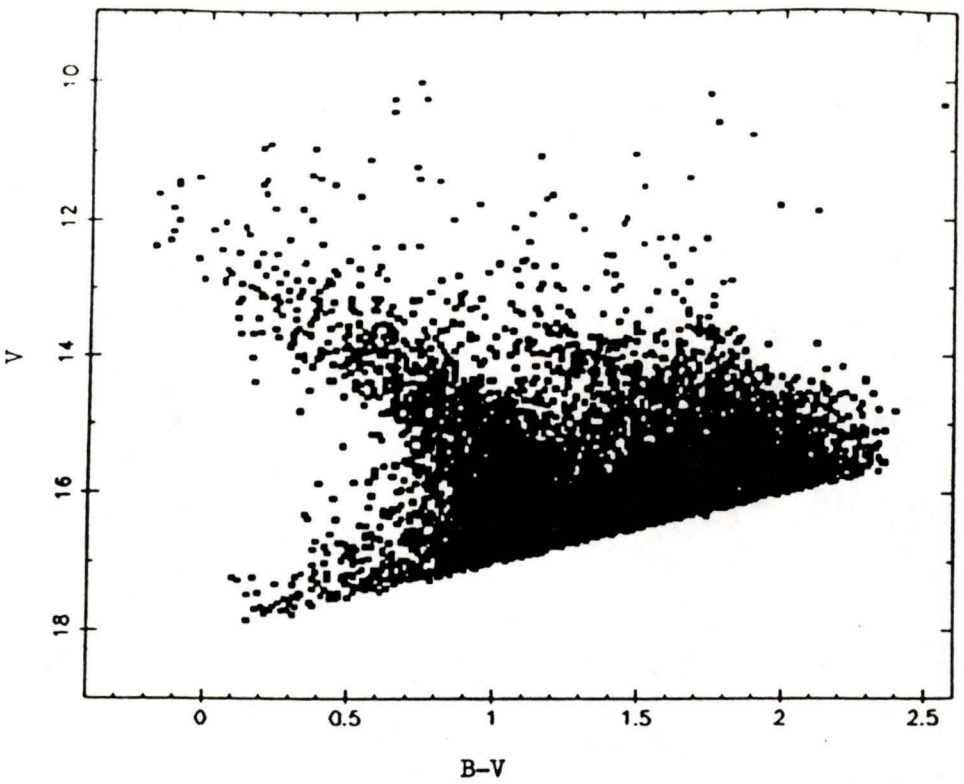


Figure 5a: Colour-Magnitude Diagram of all Final Observations.

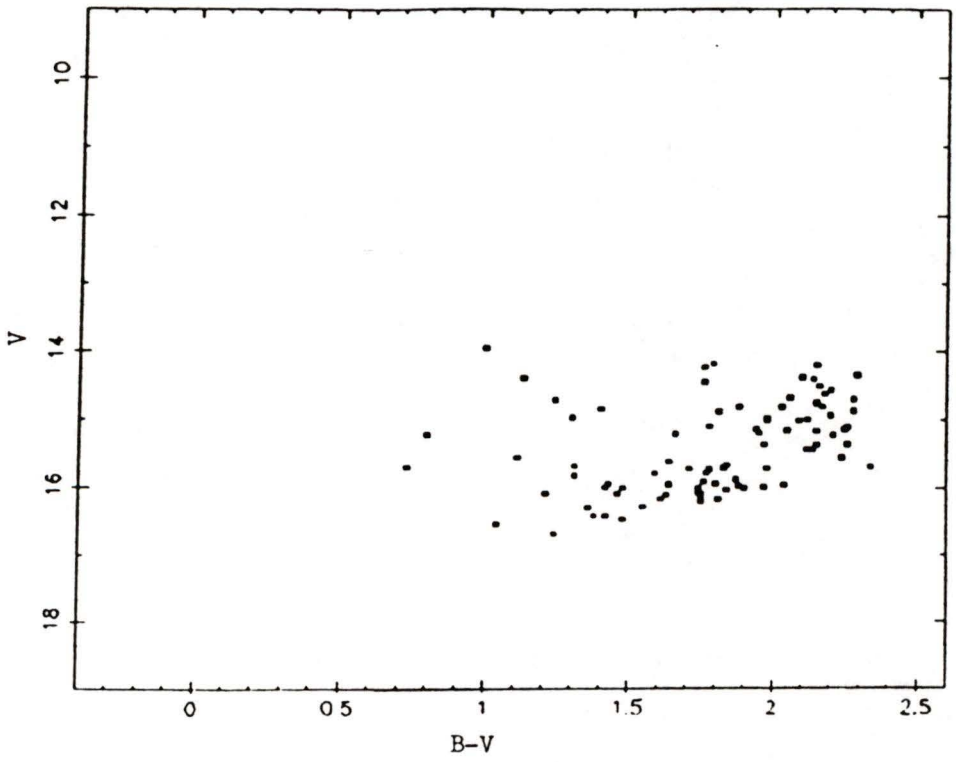


Figure 5b: Colour-Magnitude Diagram of Stars in the Region of Globular Cluster NGC 6304.

CHAPTER 4

ANALYSIS

4.1 COLOUR-MAGNITUDE DIAGRAM

The colour-magnitude diagram of Figure 6 reflects the observations of 7889 stars at l=356°, b=5°. The general features indicated by letters are noted here for subsequent discussion. The most apparent is a band extending up and left from V≈17., B-V≈1.0 (A); at the upper end of this band (B) are a number of unusually bright blue stars. Below is a band of faint blue stars extending blueward from V≈17., B-V≈0.7 (C), the region in which RR Lyrae variables at the distance of the galactic centre are expected (D). Moving along the lower edge large concentrations are visible centred on B-V≈1.1 (E) and on B-V≈1.8 (F), then a rather abrupt end occurs at the red edge of the observations. Finally, an excess of stars appears at intermediate colour (G).

4.2 BAHCALL-SONEIRA GALAXY MODEL

Bahcall and Soneira have developed a program which predicts numbers of stars in colour intervals for a specified magnitude range as contributed by disk and spheroid components for arbitrary directions in the galaxy. Comparisons with observations have convinced them that this is a reasonable first generation model.

The program has been compared with observations to a latitude of 20° and tested to a latitude of 10°. Difficulty in going lower arises from the patchy obscuration present in the disk. Bahcall in an upcoming review paper (1986) has written a description of his model, its parameters and its application; the major points will be noted here.

The disk component is constructed employing a density law exponential both in scale height and in the cylindrical radial coordinate. The z scale height for main sequence stars range from 90-325 pc and for old stars it is the single value of 325 pc; the radial scale length is 3500 pc. The luminosity function is Wielen's (1974) with a bright-end cutoff of M_V=-6 and a faint-end cutoff of +16.5; between M_V=12.5 and 16.5 the function is assumed to be constant. The colour-magnitude relation for the old galactic cluster M67 serves for the old disk (giant) stars.

The spheroid component is constructed employing a de Vaucouleurs $r^{1/4}$ density law with an ellipticity of 0.80, an effective radius of 2.67 kpc and a normalization factor of halo to disk stars of 0.002. For the spheroid the disk luminosity function was adjusted to match the observations of globular clusters with a bright-end cutoff at M_V=-3. To accommodate diverse metallicities a choice of colour-magnitude relations are available (M67, M3, M5, M13, M15, M92, 47 Tucanae) -- neither blue nor red horizontal branch stars are included.

For comparing observed and modelled colour distributions Bahcall devised a rough rule. Any particular feature must extend

over at least 0.2 magnitudes in colour and on the order of 20% is allowable in the number of stars in any given colour bin. His studies have demonstrated how rapidly counts and distributions vary with magnitude range, colour range, and viewing direction.

4.2.1 MODIFICATIONS

Before applying this model to these observations some alterations were made in parameter values, in reddening (absorption) and in the addition of a thick disk component.

From a range described by Bahcall and Gilmore (Bahcall 1986) and Whitford (1985) values of parameters affecting the disk were selected, in consideration of the relative abundance of giant stars with respect to main sequence stars and of the shape of the colour distribution peaks for main sequence stars. The results are a disk scale length of 4000 pc and a galacto-centric distance of 7000 pc. The spheroid parameters were set at their lower limits: ellipticity 0.80, effective radius 2.67 kpc, and disk normalization 0.00125. Increasing these values increases the number of stars but has little effect on the distribution in either the colour-magnitude diagram or the colour-distribution.

As mentioned previously the model had only been tested to a lower latitude of 10° because of uncertainty in dealing with the irregular obscuration present. The program utilized a modified cosecant law to compute the amount of absorption to be added at each distance interval; to get the reddening the absorption was

divided by three. A comparison with reddening observations (Hesser and Hartwick, 1976) indicate that this law is not steep enough within the dust layer of the disk and too high above this. A new law has been drawn based on the above observations rising from zero to 0.23 magnitudes of reddening at a distance of 225 pc, then more slowly to 0.49 magnitudes at 900 pc, continuing up to the edge of the dust layer. Above the dust layer the reddening has been arranged to slowly meet the predicted maximum above the galactic centre, otherwise the number of disk giants would have been much too large if a constant reddening value of 0.58 magnitudes had been adopted. Figure 7a illustrates how the exponential reddening differs from that derived from observations. In Figure 7b this difference is reflected in the colour distribution of the disk component. This modification causes a decrease in the number of stars at the blue and red edges of the distribution in conjunction with an increase in the number of stars in the centre ($1.0 < B-V < 2.0$). In effect the stars are redistributed towards intermediate values of colour.

A third alteration is the addition of a thick disk component as prescribed by Gilmore (1984). Its construction combines an exponential density (scale height 1300 pc) with a spheroid luminosity function and the colour-magnitude relation of 47 Tuc. With a disk normalization of one percent it contributes little and it has no features which would easily distinguish it from the other components; still, it is included for the sake of completeness.

4.2.2 APPLICATION

Application of the Bahcall-Soneira model was carried out in two stages corresponding to the two main components. The discussions which follow are closely related to numerous figures. Figures 8a and 8b display colour-magnitude diagrams constructed from the respective model predictions of the disk and thick disk with random coordinates. The colour distribution plot of Figure 9 illustrates the relative levels of the disk and of the thick disk projected against the observations. In Figures 10a and 10b are colour-magnitude diagrams illustrating which observed stars corresponded to either the disk or thick disk and the result of removing them. Colour-magnitude diagrams of the observations (the same as in Figure 7) and of the disk and thick disk combined with different spheroids (M92, M13 and 47 Tuc) are in Figure 11; colour-magnitude diagrams of the observations less the disk and thick disk (the same as in Figure 10b) and of the different spheroid components are in Figure 12. Finally, Figure 13 contains colour distribution plots which show the relative shapes and heights of the observations and the different spheroid components with and without the disk and thick disk. (The sum of the disk and thick disk components is included for reference.)

First, the disk and thick disk components are considered and subtracted from the observations. Both the modelled disk and the observations colour-magnitude diagrams reveal a common concentration along the faint cutoff at B-V≈1.0 and the main

sequence-giant valleys coincide near V=16, B-V=1.35. In contrast, the observations show a gap over magnitudes 15.5 to 16.5 and colours 0.5 to 0.7, and a sharper, steeper main sequence. Also apparent in the observations is an excess of bright, blue stars and a deficit of fainter, red stars. Stars were randomly removed from the observations using the predicted counts in bins of dimensions 1.0 mag in V and 0.2 mag in B-V.

Second, the spheroid component is considered. Ordinarily, spheroid stars resemble those in the globular cluster M13; however, near the galactic centre stars tend to resemble those of the relatively metal rich cluster 47 Tuc. For comparison purposes a range of metallicities are presented here: from metal-poor M92, to moderately metal-poor M13, to moderately metal-rich 47 Tuc. The modelled colour-magnitude diagrams and colour distributions display the steady progression from blue to red and from bright to faint with metal poor to metal rich. It should be noted that the main concentration of 47 Tuc-like stars lie on the faint-magnitude cutoff; thus, the appearance of this spheroid is distorted and is sensitive to alterations in absorption and reddening. The figures display a full range of metallicities, although the dominant type is definitely metal rich.

4.3 DISCUSSION

Because of the range of metallicities and the distortion of 47 Tuc the spheroid has not been physically removed from the

observations; nevertheless, a comparison between the diagrams and histograms in Figures 11, 12 and 13 should facilitate a mental subtraction suitable for further discussion of what is left or, in other words, what the Bahcall-Soneira model does not include. On the colour-magnitude diagram of the observations from which the disk has been removed (upper left of Figure 12) the regions noted in Section 4.1 and Figure 6 are indicated.

Still visible are the bright blue stars (B). If at the distance of the galactic centre they would have an absolute magnitude of less than -2.0 and an intrinsic colour of less than 0.0. With such blue colours they may be connected to ultraviolet excesses detected in the bulge of this and other galaxies (Whitford, 1985) as may be the faint blue stars below.

These faint blue stars apparently form a branch (C) extending blueward from the RR Lyrae gap (D) which has been positioned at the distance of the galactic centre (Sandage 1983). This is where blue horizontal branch stars are expected to lie. Bahcall (1986) had found the number of blue horizontal branch stars in the spheroid to be less than in a conventional globular cluster. Although there appears to be a similar deficit here, because of the faint-magnitude cutoff at B=18 mag only the upper edge of the blue horizontal branch may be visible; therefore, no conclusions may be drawn.

As mentioned earlier the observations show a gap between the bright and faint blue stars which is not visible in the modelled results. Whereas the model predicts about 400 stars, there are

only about 200 in this region. The reason for this difference is unclear.

On the other side of the gap (E) is a concentration of stars. With blue horizontal branch stars one may expect a red horizontal branch; this concentration may also include bright subgiants and other giants. The second concentration (F) reflects the metal-richness of the bulge. A lack of red stars is obvious in contrast with the modelled spheroids. It has been suggested that super-metal-rich stars suffer unusual line blanketing effects causing them to seem hotter yet fainter (Frogel, Whitford and Rich, 1984). Stars from Arp's (1965) study found to be super-metal-rich by Whitford and Rich (1983) were located on this colour-magnitude diagram of this study. After adjusting the apparent magnitudes and colours they were found to lie in a thin strip (± 1 magnitude) about the faint-magnitude cutoff between B-V's of 1.55 and 2.41. The general appearance of the right side (F), as noted earlier, reflects the presence of predominantly metal rich stars such as those in 47 Tuc. For example, the reddest observational peak (or concentration) between B-V values of 1.8 to 2.0; M92 peaks at 1.3 to 1.4, M13 at 1.4 to 1.6, and 47 Tuc at greater than 1.6. Above the faint magnitude cutoff is where most stars seem to congregate as do 47 Tuc-like stars; yet, a fair number lie above the concentration reflecting the presence of a metal-poor component.

The central feature (G) is puzzling. Possibilities considered include a main-sequence turnoff and a red giant clump. Table 4 presents the absolute magnitude and intrinsic colour

ranges of these stars if they were assumed at different distances along the line of sight. A consultation of main-sequence turnoffs in open clusters (Mihalas and Binney 1981, page 105) indicate that the magnitudes here are too faint and the colours too red for any match. The closest would be stars resembling those in a cluster older than M67. Main sequence turnoffs in globular clusters (Sandage, 1983) fall in the region M_V = +3 to +5 and $(B-V)_0$ = 0.3 to 0.7. Another possibility is a clump of red giant stars observed in old open clusters near M_V = +1.0, $(B-V)_0$ = 1.0 (Cannon, 1970). These stars may be the metal-rich version of red horizontal branch stars found in globular clusters. Once again no clear match stands out; the intrinsic colours are too blue or the magnitudes too faint for the appropriate colour. However, a glance at the colour-magnitude diagrams and colour distribution plots involving the modelled disk component (Figures 8a and 9b) indicate general similarities in the placement of the clump between main-sequence stars and normal disk giants, and above the latter. In globular clusters metal-poor red horizontal branch stars are located near M_V = +0.5, $(B-V)_0$ = 0.5 (Sandage, 1983). It seems reasonable to suggest that the stars observed here are red horizontal branch stars in the disk with intermediate metal abundances. (In the metal-rich globular cluster 47 Tuc the red horizontal branch is at M_V = +1.0, $(B-V)_0$ = 0.75, which matches well with the observations if placed at a distance of 1500 to 2500 pc.)

4.3.1 EARLIER INVESTIGATIONS

Three similar investigations were carried out by Arp (1965), van den Bergh (1971), van den Bergh and Herbst (1974), whose observed colour-magnitude diagrams can be compared with this one and with ones constructed from Bahcall and Soneira's model. Arp and van den Bergh looked in the direction $l=1°$, $b=-3.9°$. The former covered an area of 0.013 square degrees to a V magnitude of 17.5 and the latter, 0.004 square degrees to 17.7, obtaining results for 1348 and 325 stars, respectively. Van den Bergh and Herbst looked at $l=0°$, $b=-8°$ covering an area of 0.015 square degrees with 1494 stars down to 19.5 and a second area of 0.023 square degrees with 1206 stars down to 18.

Readily apparent in each is the surplus of bright, blue stars and the deficit of red stars. Also visible is the shallow, red branch associated with metal-rich globular cluster giants. Van den Bergh suggests that four stars, which appear in the lower right of his colour-magnitude diagram, may be blue horzontal branch stars. Van den Bergh and Herbst have perhaps a dozen stars in this same region. Although difficult to discern, a main sequence may be present in the diagrams of Arp, and van den Bergh and Herbst.

In general, nothing in earlier results disputes features found in this investigation; although the great difference in number of total stars make comparisons difficult.

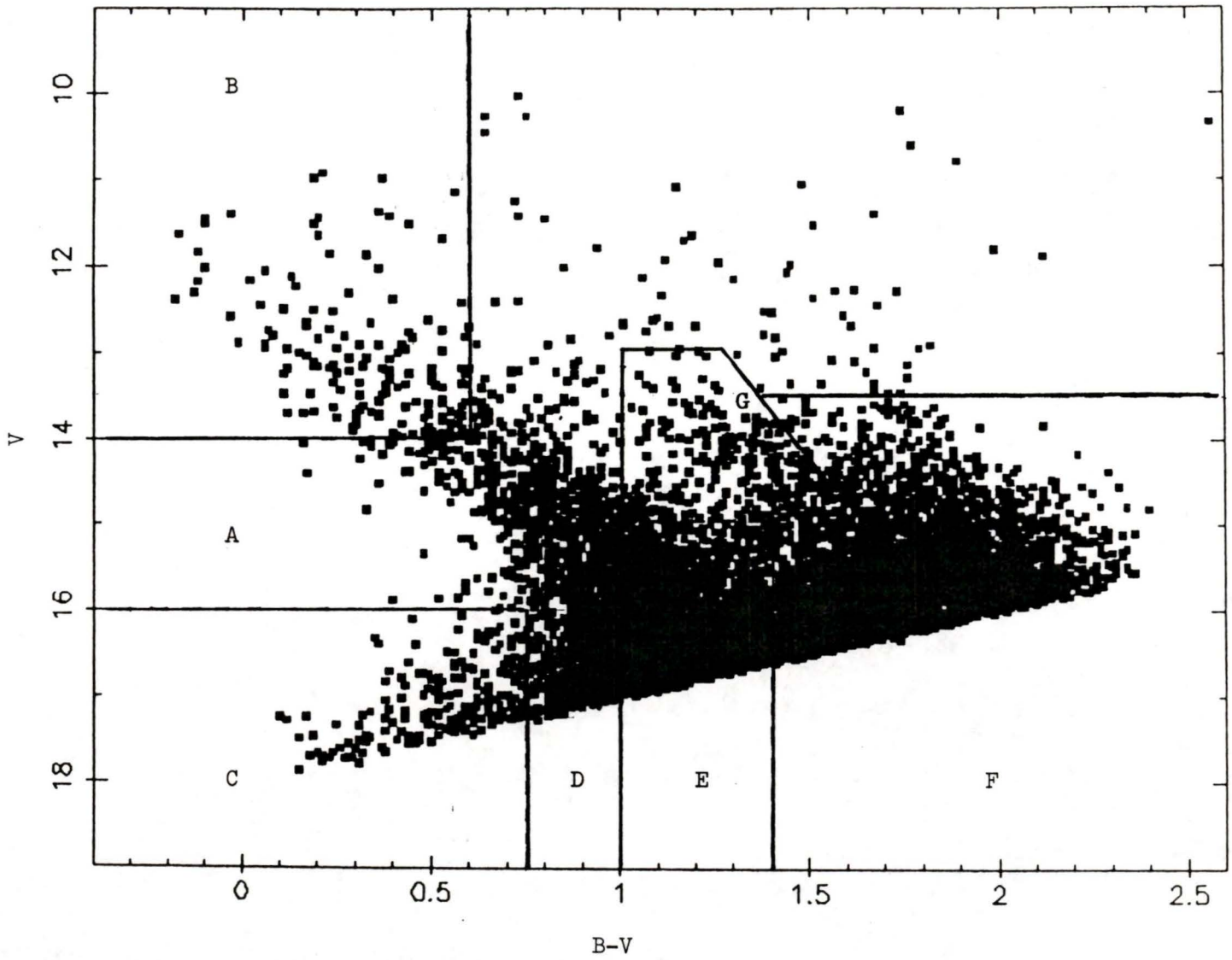


Figure 6: Colour-Magnitude Diagram for Observations of 7889 Stars.

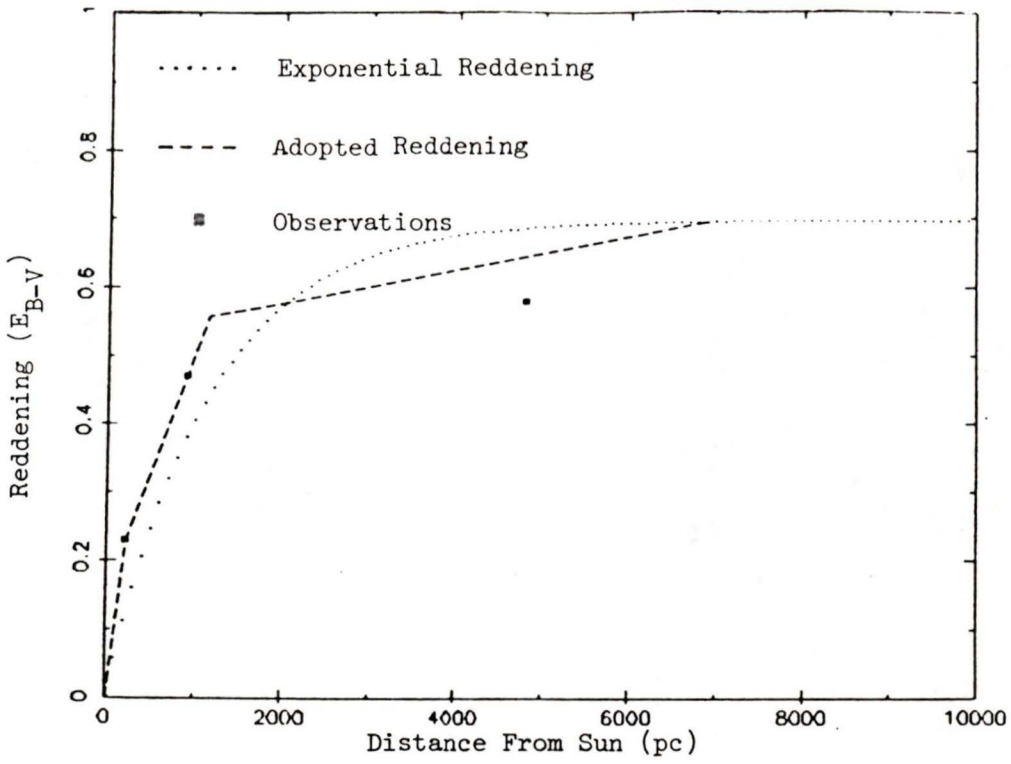


Figure 7a: Reddening Curves.

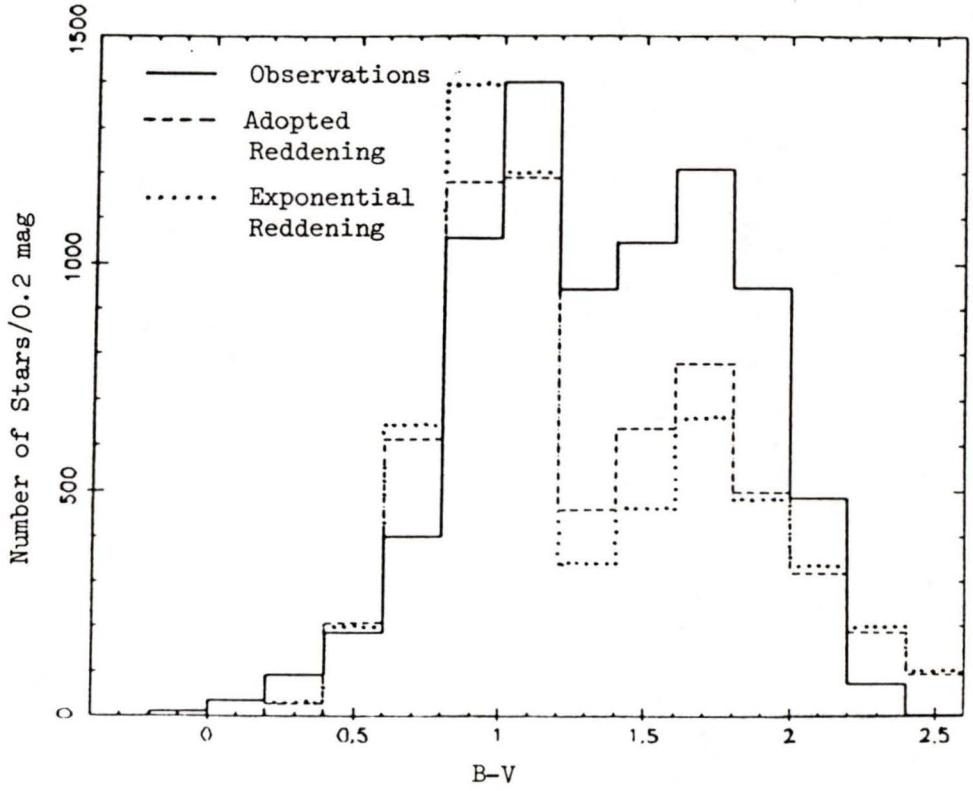


Figure 7b: Effects of Above Reddening Curves on Colour Distribution of Disk Component.

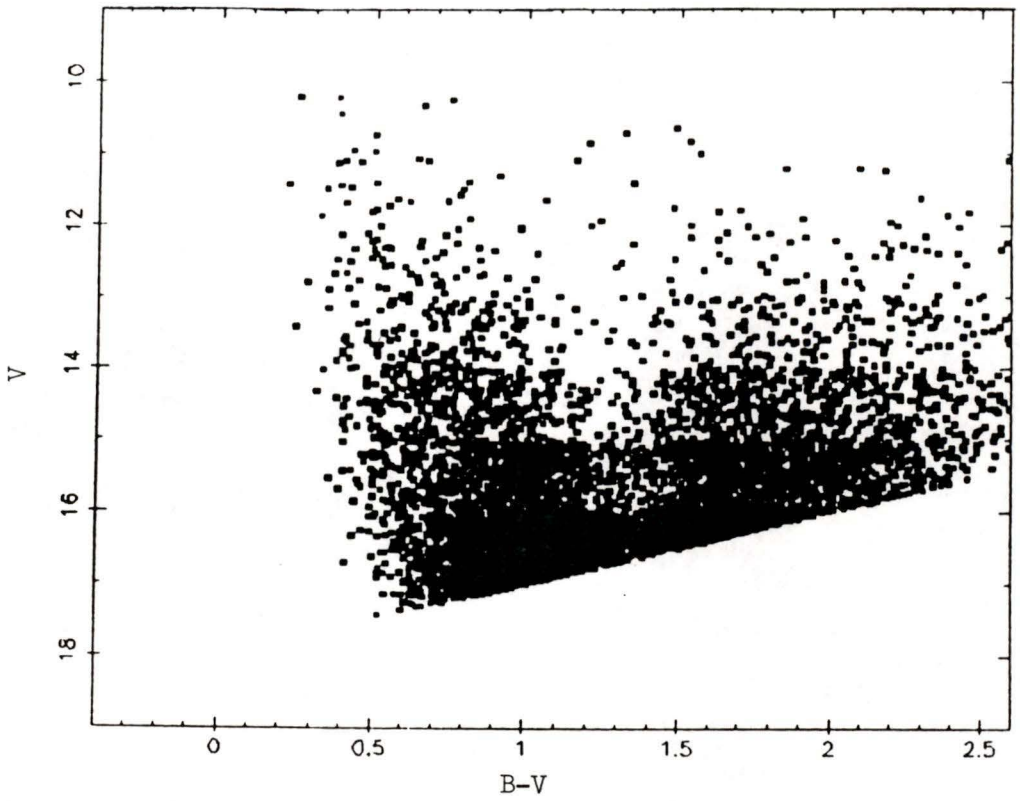


Figure 8a: Modelled Disk Component.

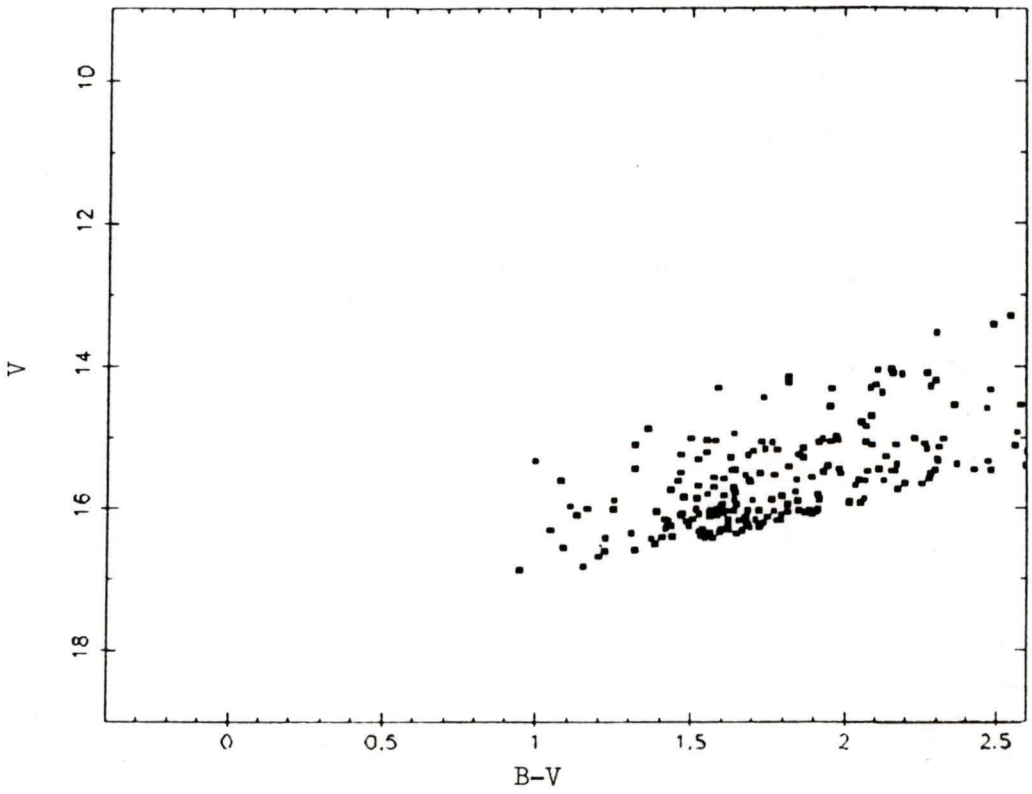


Figure 8b: Modelled Thick Disk Component.

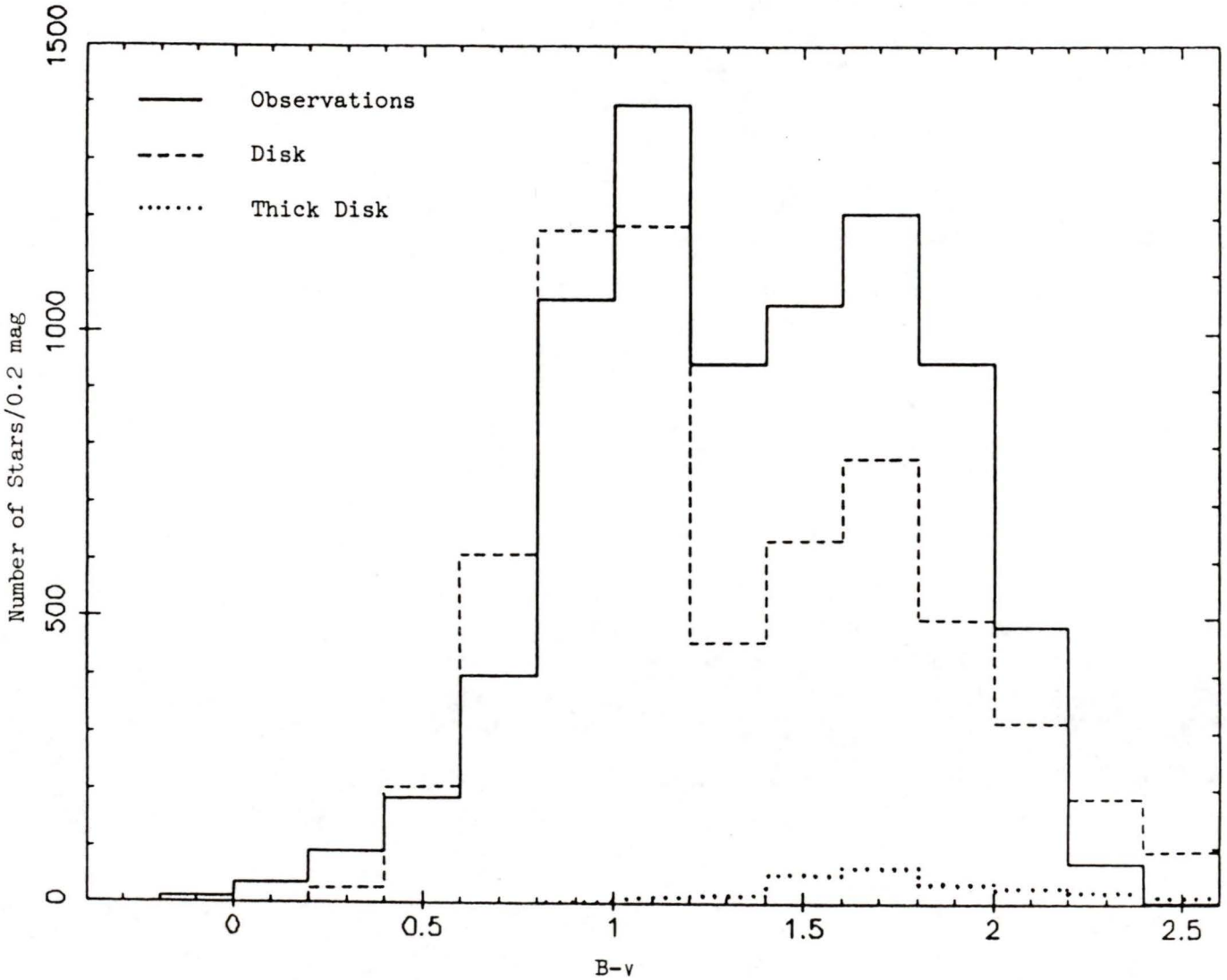


Figure 9: Colour Distribution of Modelled Disk Components.

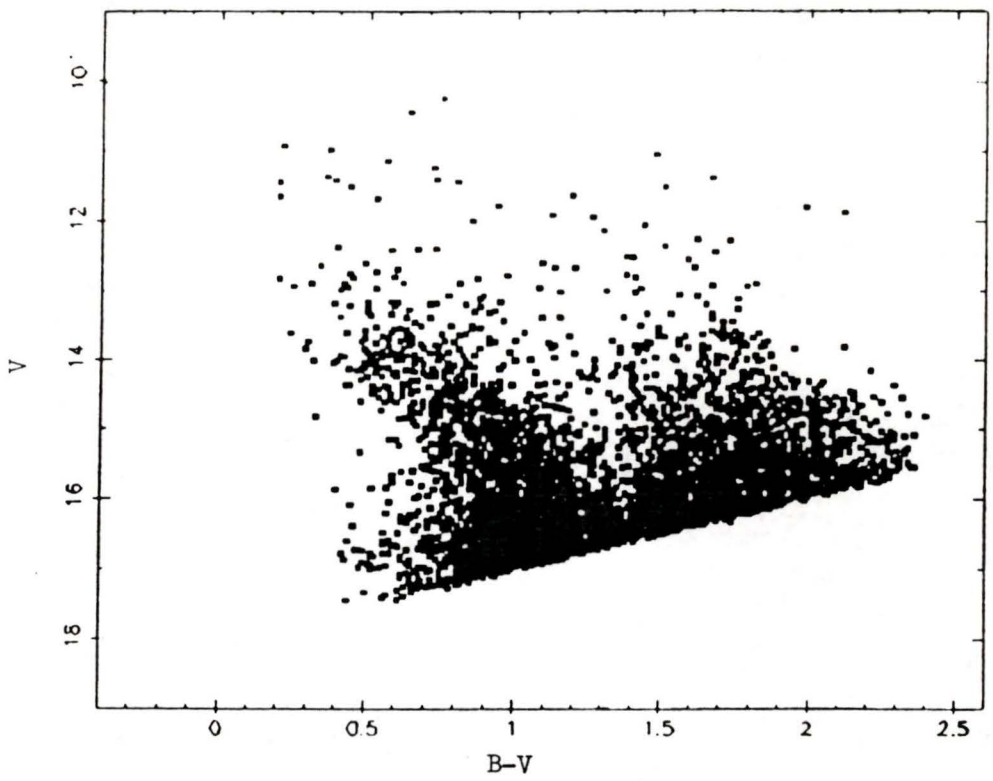


Figure 10a: Observations Overlapping With Modelled Disk Components.

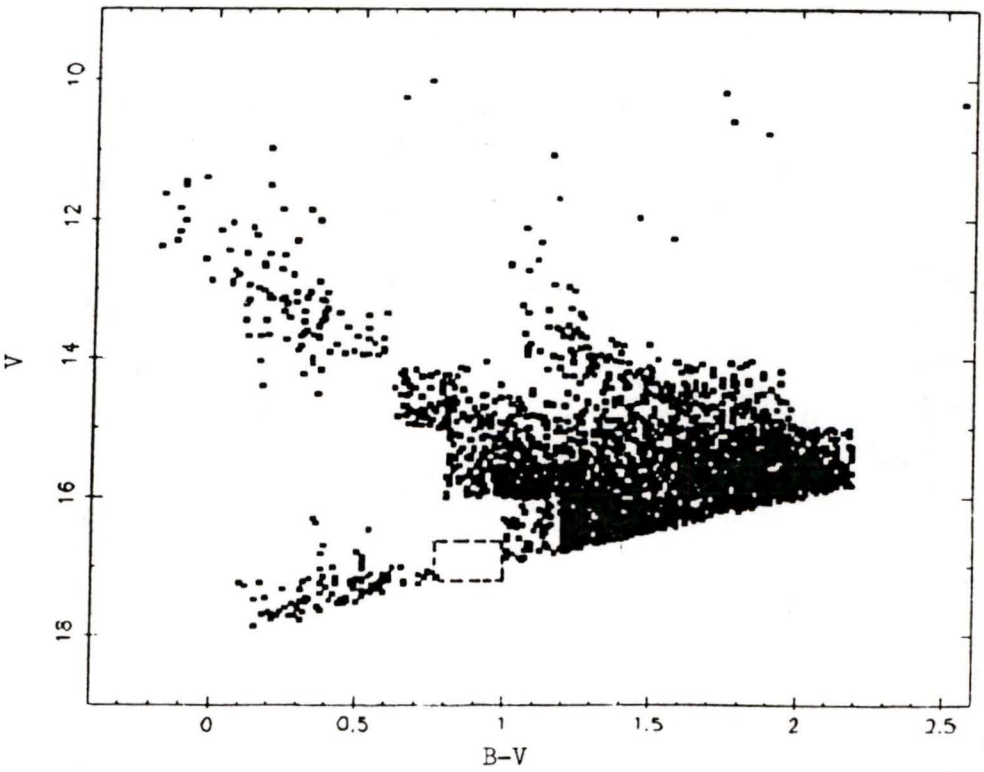


Figure 10b: Observations Less Modelled Disk Components.

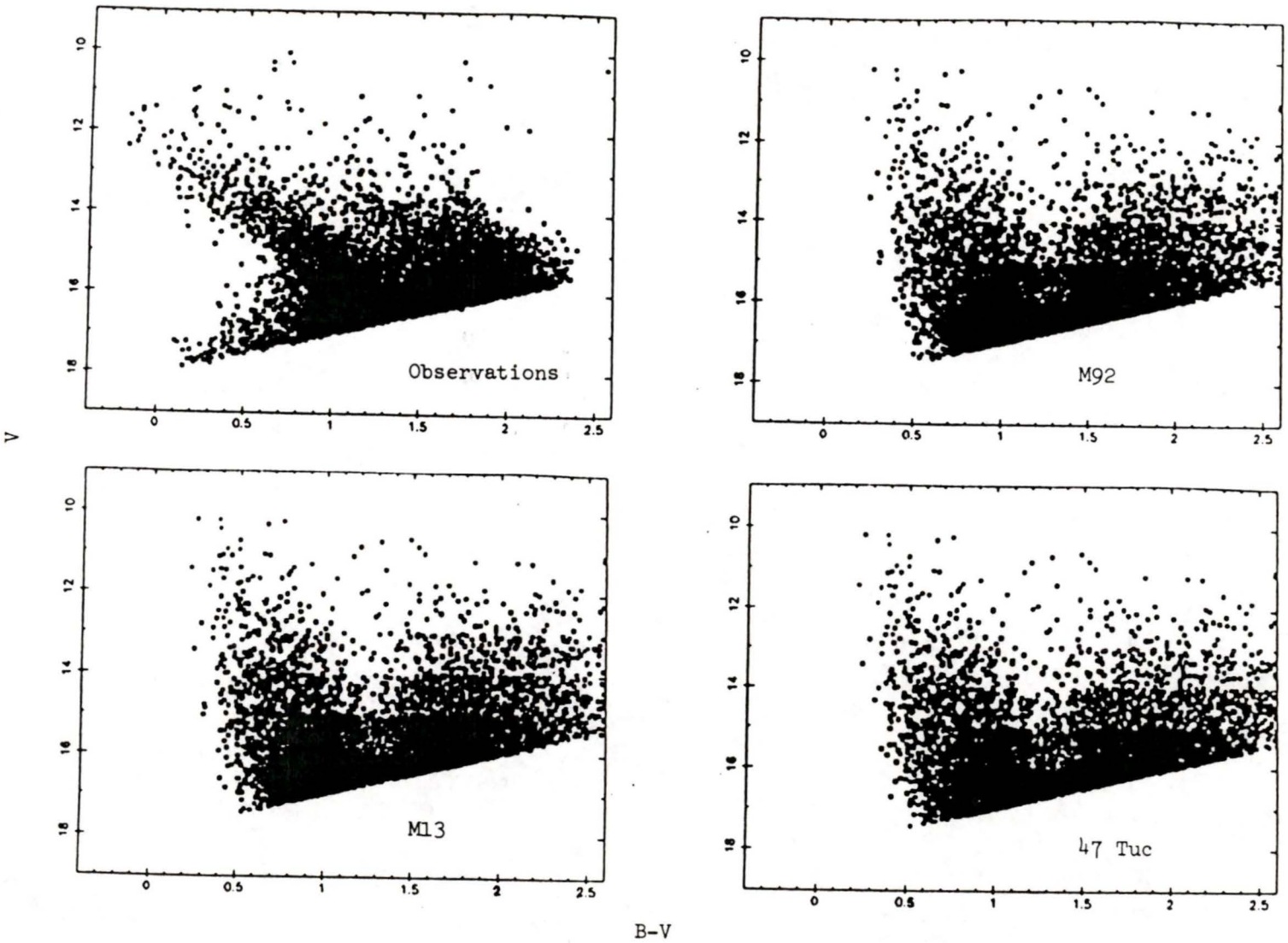


Figure 11: Colour-Magnitude Diagrams of Observations and of Combined Disk, Thick Disk and Spheroid Components.

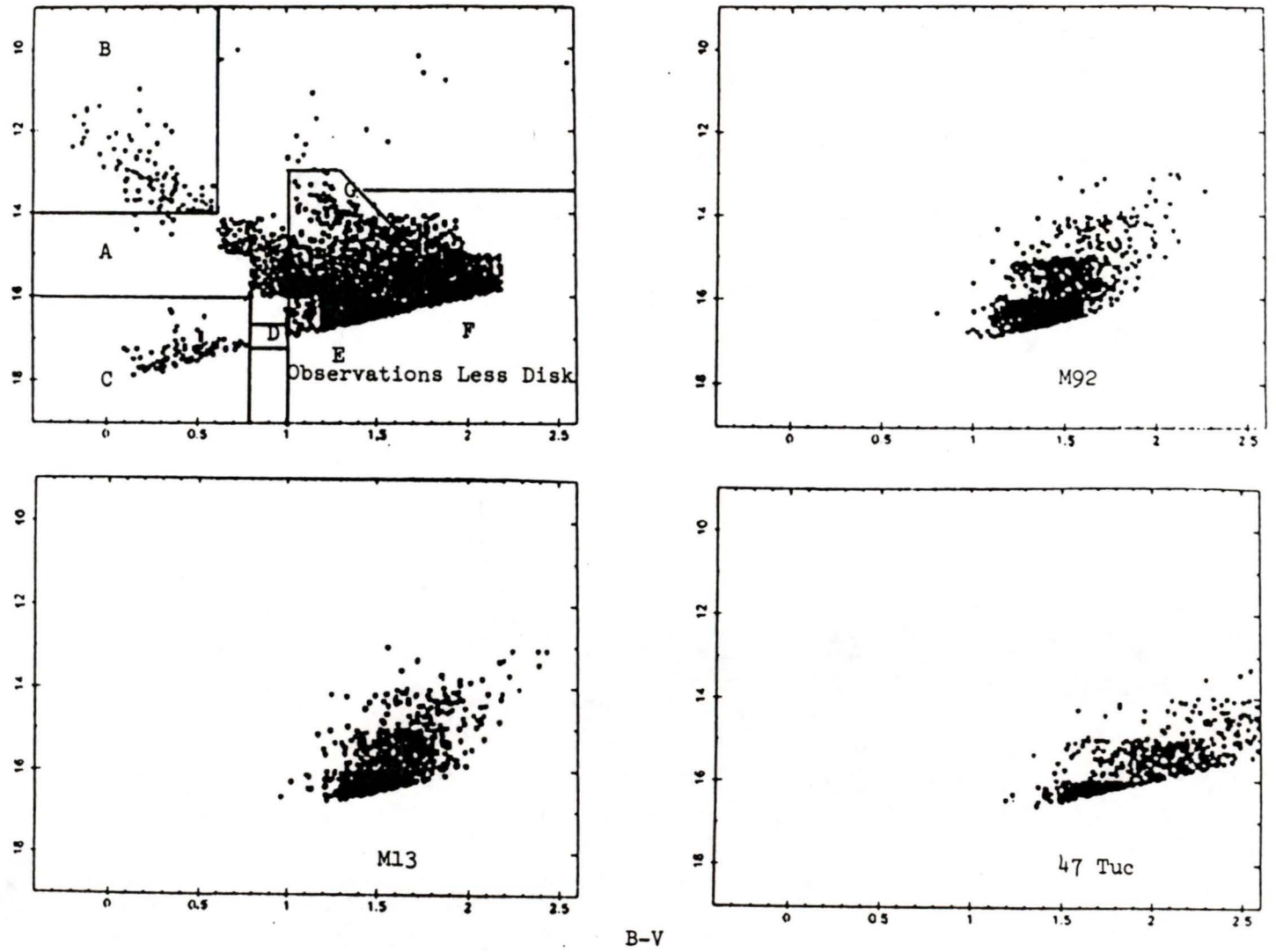


Figure 12: Colour-Magnitude Diagrams of Observations Less Disks and of Modelled Spheroid Components

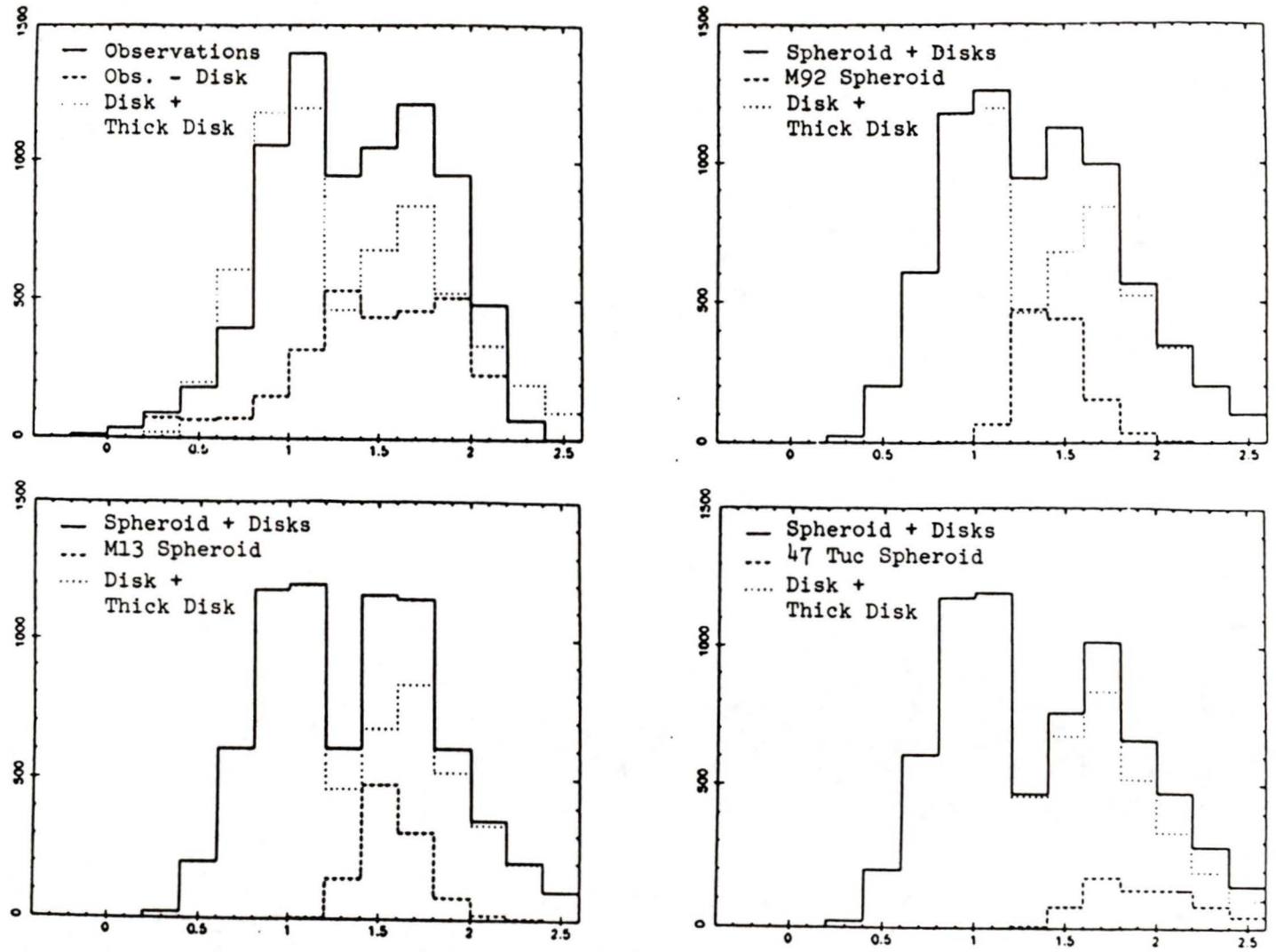


Figure 13: Colour Distributions of Observations and Modelled Components.

TABLE 4

POSSIBLE ABSOLUTE MAGNITUDES AND INTRINSIC COLOURS

FOR CENTRAL EXCESS OF STARS

Distance (pc)	Distance Modulus	Reddening	Absolute Magnitudes		Intrinsic Colours	
100	5.30	0.10	7.70	9.70	0.90	1.50
500	9.24	0.25	3.76	5.76	0.75	1.35
1000	11.59	0.53	2.41	3.41	0.47	1.07
1500	12.62	0.58	0.38	2.38	0.42	1.02
2000	13.25	0.58	-0.25	1.75	0.42	1.02
3000	14.13	0.58	-1.13	0.87	0.42	1.02
4000	14.75	0.58	-1.75	0.25	0.42	1.02
5000	15.23	0.58	-2.23	-0.23	0.42	1.02
6000	15.63	0.58	-2.63	-0.63	0.42	1.02
7000	15.97	0.58	-2.97	-0.97	0.42	1.02

Note: The absolute magnitudes correspond to the apparent magnitudes 13.0 to 15.0 and the intrinsic colours to 1.0 to 1.6.

CHAPTER 5

CONCLUSIONS

The data originated as two CTIO plates digitized at the Dominion Astrophysical Observatory. At the University of Victoria using the program R2D2 stellar images were detected, and measured, then calibrated with a photometric sequence obtained in a previous study. The end product was V and B-V observations for 7889 stars in the field at l=356°, b=5°.

From the observations a colour-magnitude diagram was constructed. The analysis of this diagram was aided by a galaxy model program from which artificial colour-magnitude diagrams of disk and spheroid components can be produced. Some former findings were evident: a range of metallicities with metal-rich dominant, an excess of bright blue stars, and a shortage of red stars. In addition to these features there is a curious excess of stars at intermediate colour. It is interesting to see the branch extending from the RR Lyrae gap towards the blue and the numerous stars above and to the right of a 47 Tuc-like giant branch -- strong evidence for a metal-poor population. The bright blue stars are an oddity because of their extreme colour; spectroscopy of these would be useful to confirm their position in the colour-magnitude diagram. A shortage of red stars in this direction has often been linked to super-metal-rich stars which may be suffering large, unusual blanketing effects. Hopefully,

these effects will soon be quantified allowing an estimation of how many stars may be affected and how many are simply lost to the difficulty of observing red stars. The excess of stars in the centre is new. Unfortunately, no other studies involving this number of stars or size of field seem to be available to confirm the feature's existance. The best correspondence seems to be with red horizontal branch stars in the disk.

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APPENDIX A

DATA REDUCTION SOLUTIONS

Table A-1 contains the calibration solutions for each plate section. The first two lines of each section refer to the transformation from instrumental photographic magnitudes to apparent photoelectric magnitudes:

$$B_{pg} = c_0 + c_1 B_{pe} + c_2 B_{pe}^2;$$

$$V_{pg} = c_0 + c_1 B_{pe} + c_2 B_{pe}^2.$$

The last two lines refer to the transformation to the standard (V, B-V) system:

$$(B-V)_{pe} - (B-V)_{pepg} = c_0 + c_1 (B-V)_{pe};$$

$$V_{pe} - V_{pepg} = c_0 + c_1 (B-V)_{pe}.$$

The "fit" is the standard error of estimate.

Tables A-2A and A-2B contain the results from fitting curves between the R2D2 measurements of brightness (sum), size (r_1), and central compactness (r_{-2}) for the standard stars for the B and V plates. The first table has the solutions to

$$r_{-2} = c_0 + c_1 \times \text{sum}$$

and the second table has the solutions to

$$r_1 = c_0 + c_1 \times r_{-2}.$$

Again, "fit" is the standard error of estimate.

TABLE A-1

CALIBRATION RESULTS

Section	Calibration Coefficients			Fit
	c_0	c_1	c_2	
1	-11.89 ± 0.53	-0.606 ± 0.067	0.0373 ± 0.0021	0.103
	-7.61 ± 0.68	-1.284 ± 0.092	0.0661 ± 0.0031	0.156
	0.30 ± 0.12	-0.18 ± 0.08	---	0.143
	-0.31 ± 0.11	0.18 ± 0.07	---	0.159
2	-10.96 ± 0.66	-0.727 ± 0.082	0.0412 ± 0.0025	0.134
	-8.31 ± 0.59	-1.176 ± 0.079	0.0620 ± 0.0027	0.136
	0.26 ± 0.12	-0.14 ± 0.08	---	0.164
	-0.33 ± 0.11	-0.18 ± 0.07	---	0.161
3	-11.12 ± 0.62	-0.706 ± 0.079	0.0405 ± 0.0025	0.117
	-7.46 ± 0.61	-1.302 ± 0.081	0.0666 ± 0.0027	0.143
	0.38 ± 0.12	-0.24 ± 0.08	---	0.138
	-0.34 ± 0.12	0.20 ± 0.08	---	0.176
4	-12.28 ± 0.44	-0.546 ± 0.056	0.0351 ± 0.0018	0.083
	-7.43 ± 0.64	-1.305 ± 0.087	0.0667 ± 0.0029	0.144
	0.44 ± 0.13	-0.29 ± 0.08	---	0.138
	-0.36 ± 0.12	0.22 ± 0.07	---	0.173
5	-11.96 ± 0.47	-0.588 ± 0.059	0.0365 ± 0.0018	0.097
	-7.84 ± 0.68	-1.241 ± 0.093	0.0643 ± 0.0031	0.155
	0.35 ± 0.13	-0.21 ± 0.08	---	0.160
	-0.36 ± 0.11	0.22 ± 0.07	---	0.163

TABLE A-1 cont.

Section	Calibration Coefficients			Fit
	c_0	c_1	c_2	
6	-11.62 ± 0.49	-0.638 ± 0.062	0.0383 ± 0.0020	0.093
	-7.48 ± 0.68	-1.303 ± 0.092	0.0667 ± 0.0031	0.160
	0.42 ± 0.13	-0.23 ± 0.08	---	0.148
	-0.39 ± 0.12	0.22 ± 0.07	---	0.175
7	-10.61 ± 0.48	-0.774 ± 0.061	0.0428 ± 0.0019	0.096
	-6.92 ± 0.62	-1.381 ± 0.084	0.0695 ± 0.0028	0.144
	0.33 ± 0.11	-0.18 ± 0.07	---	0.136
	-0.31 ± 0.12	0.18 ± 0.08	---	0.177
8	-10.31 ± 0.56	-0.816 ± 0.070	0.0440 ± 0.0022	0.115
	-6.98 ± 0.62	-1.365 ± 0.084	0.0686 ± 0.0028	0.141
	0.40 ± 0.11	-0.24 ± 0.07	---	0.138
	-0.29 ± 0.11	0.17 ± 0.07	---	0.184
9	-10.17 ± 0.59	-0.834 ± 0.075	0.0446 ± 0.0023	0.117
	-7.50 ± 0.58	-1.291 ± 0.078	0.0661 ± 0.0026	0.134
	0.29 ± 0.11	-0.19 ± 0.07	---	0.141
	-0.20 ± 0.12	0.14 ± 0.08	---	0.188

TABLE A-2A

TEST RESULTS

Section	r_{-2} versus sum c_0	c_1	Fit
1	2.88 ± 0.03	0.098 ± 0.003	0.197
	2.49 ± 0.03	0.104 ± 0.003	0.199
2	2.84 ± 0.03	0.103 ± 0.003	0.179
	2.48 ± 0.03	0.106 ± 0.002	0.183
3	2.87 ± 0.03	0.100 ± 0.003	0.188
	2.50 ± 0.03	0.105 ± 0.002	0.182
4	2.89 ± 0.03	0.099 ± 0.003	0.183
	2.50 ± 0.02	0.105 ± 0.002	0.158
5	2.88 ± 0.03	0.101 ± 0.003	0.190
	2.51 ± 0.02	0.107 ± 0.002	0.139
6	2.87 ± 0.03	0.100 ± 0.003	0.187
	2.47 ± 0.03	0.108 ± 0.002	0.170
7	2.86 ± 0.03	0.101 ± 0.003	0.185
	2.48 ± 0.03	0.108 ± 0.003	0.187
8	2.82 ± 0.03	0.104 ± 0.002	0.175
	2.50 ± 0.02	0.109 ± 0.003	0.183
9	2.85 ± 0.02	0.101 ± 0.002	0.156
	2.51 ± 0.03	0.108 ± 0.003	0.194

TABLE A-2B

TEST RESULTS

Section	r_1 versus r_{-2}		Fit
	c_0	c_1	
1	-1.44 ± 0.32	3.80 ± 0.09	0.609
	-0.96 ± 0.23	3.48 ± 0.07	0.544
2	-1.54 ± 0.32	3.81 ± 0.09	0.618
	-0.97 ± 0.19	3.46 ± 0.06	0.444
3	-1.67 ± 0.28	3.84 ± 0.07	0.515
	-1.28 ± 0.18	3.53 ± 0.05	0.434
4	-1.35 ± 0.32	3.78 ± 0.09	0.602
	-1.28 ± 0.17	3.54 ± 0.05	0.405
5	-1.22 ± 0.34	3.75 ± 0.09	0.647
	-1.00 ± 0.17	3.46 ± 0.05	0.400
6	-1.64 ± 0.27	3.85 ± 0.07	0.508
	-0.69 ± 0.18	3.38 ± 0.05	0.444
7	-1.47 ± 0.29	3.80 ± 0.08	0.572
	-0.60 ± 0.25	3.35 ± 0.07	0.597
8	-1.25 ± 0.27	3.73 ± 0.07	0.543
	-0.75 ± 0.25	3.37 ± 0.07	0.576
9	-1.18 ± 0.28	3.74 ± 0.08	0.548
	-0.88 ± 0.24	3.40 ± 0.07	0.556

APPENDIX B

PHOTOGRAPHIC OBSERVATIONS

In this section the positions and observations of the program stars are presented section by section. Where they occur cross references are noted with Hartwick, Barlow and Hesser (1981):

r - RR Lyrae variable

v - variable

and with Hesser and Hartwick (1976):

s - photometric standard

c - star within 2' of NGC 6304

Figures B1 to B9 show the stars of Figure 1 that were included in the analysis. The origin cited for each section is located at the lower right corner of the figure. Refer to Figure 1 for the orientation of the sections. Stars are plotted in relation to their B magnitude:

- $B < 12.0$
- $12.0 \leq B < 13.5$
- $13.5 \leq B < 15.0$
- $15.0 \leq B < 16.5$
- $B \geq 16.5$

Table B-1 lists these program stars with this format:

Column 1 - identification # (within each section)

2 - x position (in microns)

3 - y position (in microns)

4 - V magnitude

5 - B-V colour

6 - cross reference

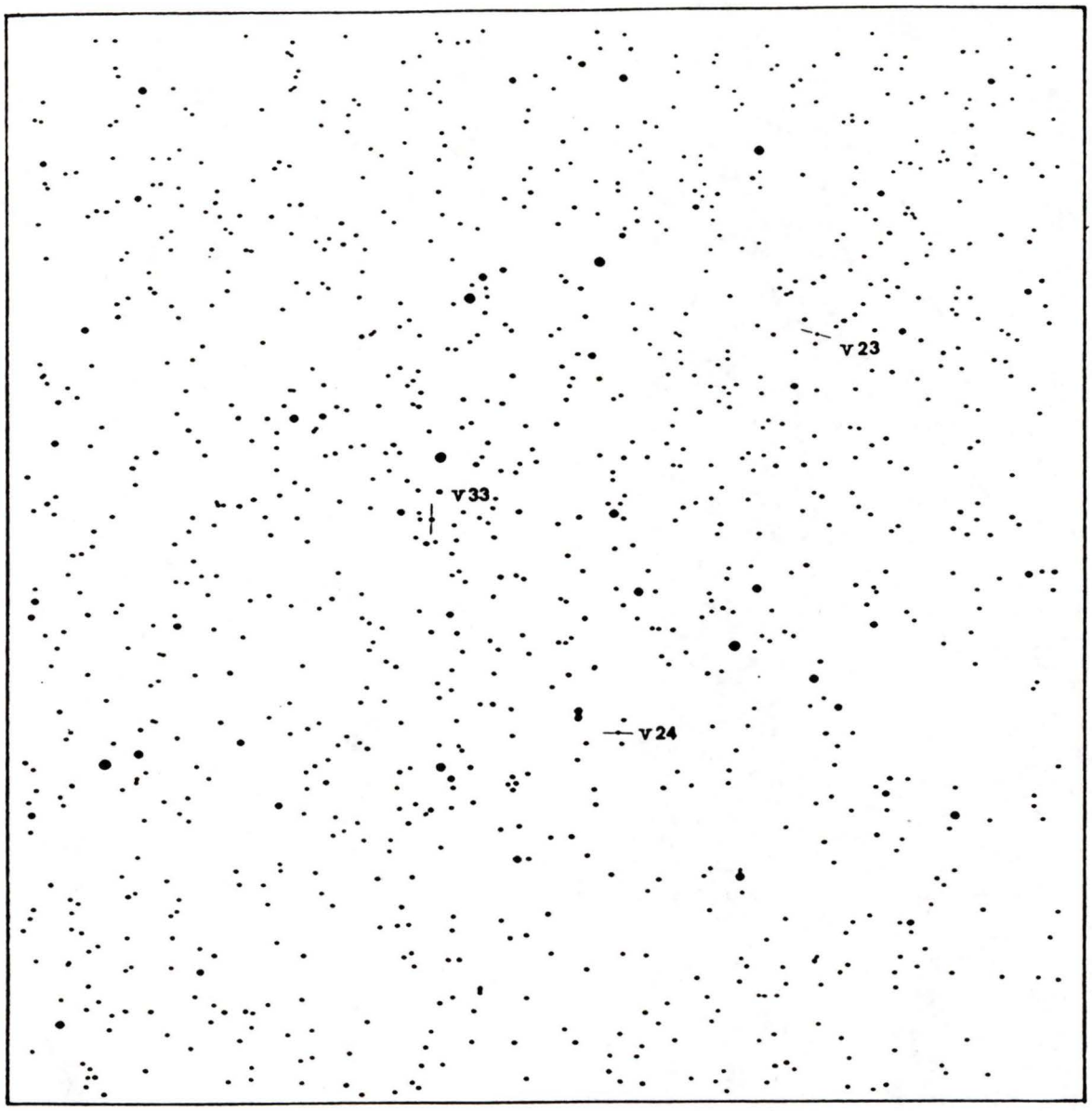

Figure B1: Section 1. Origin at (0,15) microns.

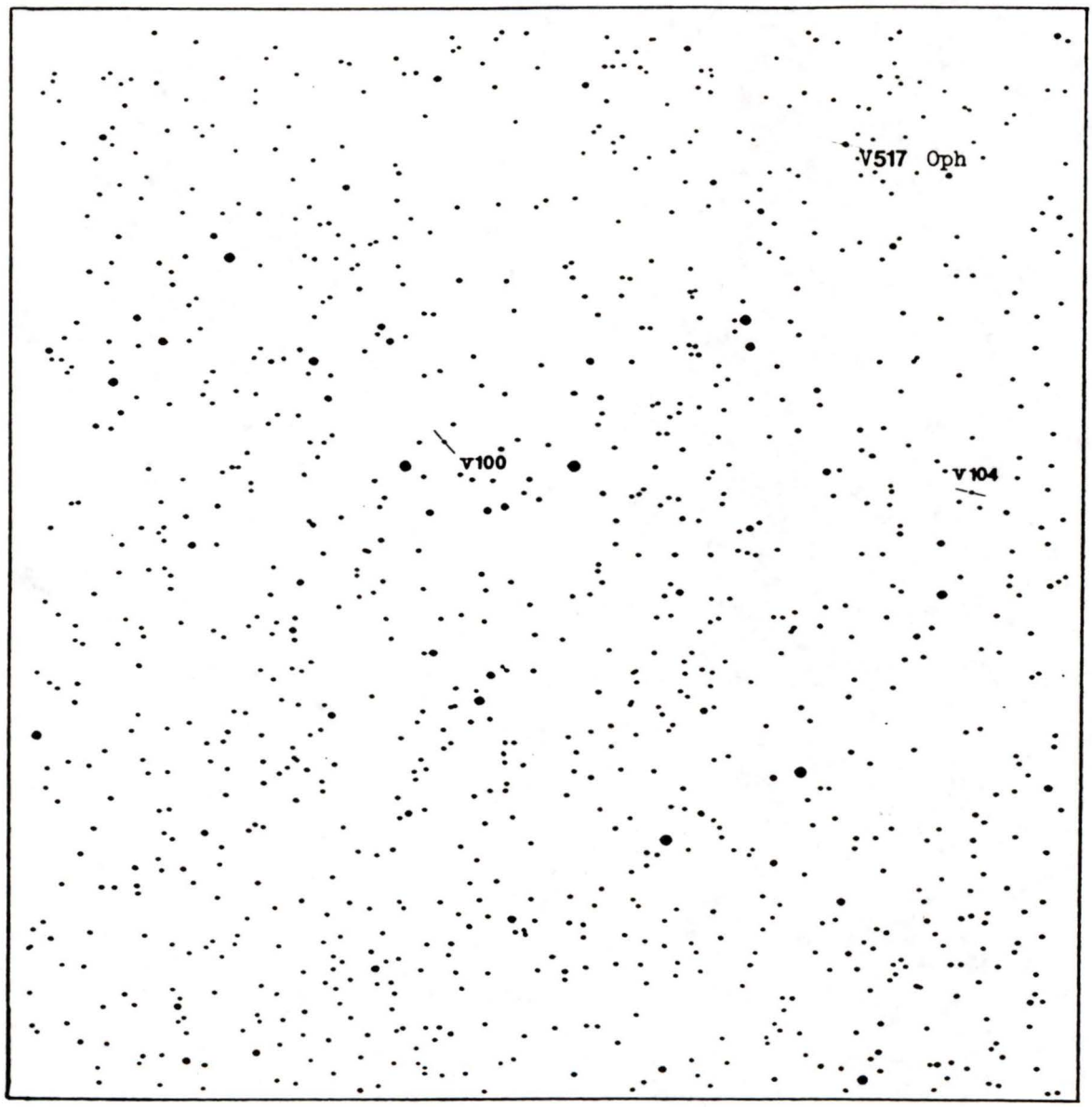

Figure B2: Section 2. Origin at (-1,60015) microns.

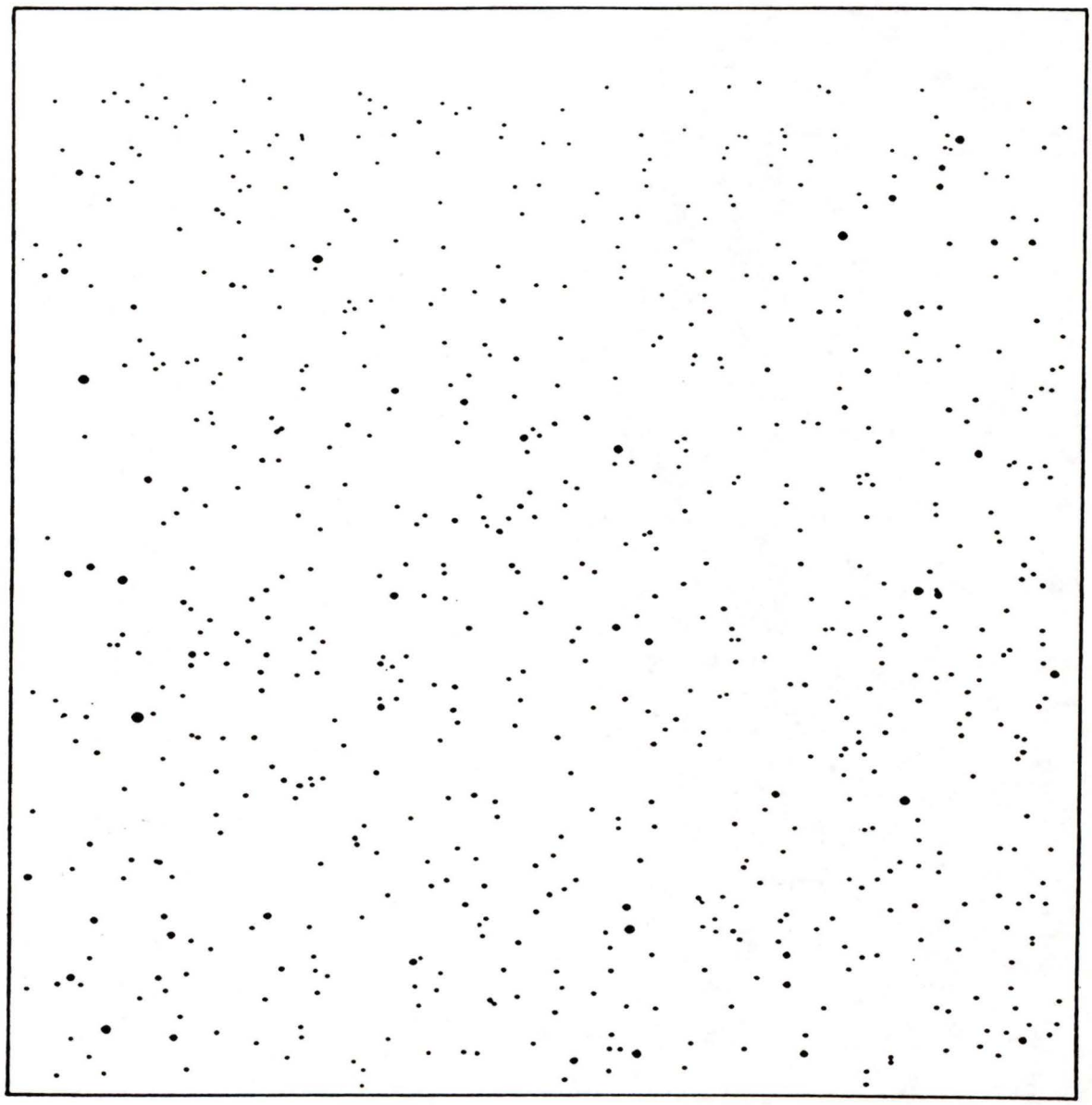

Figure B3: Section 3. Origin at (0,120015) microns.

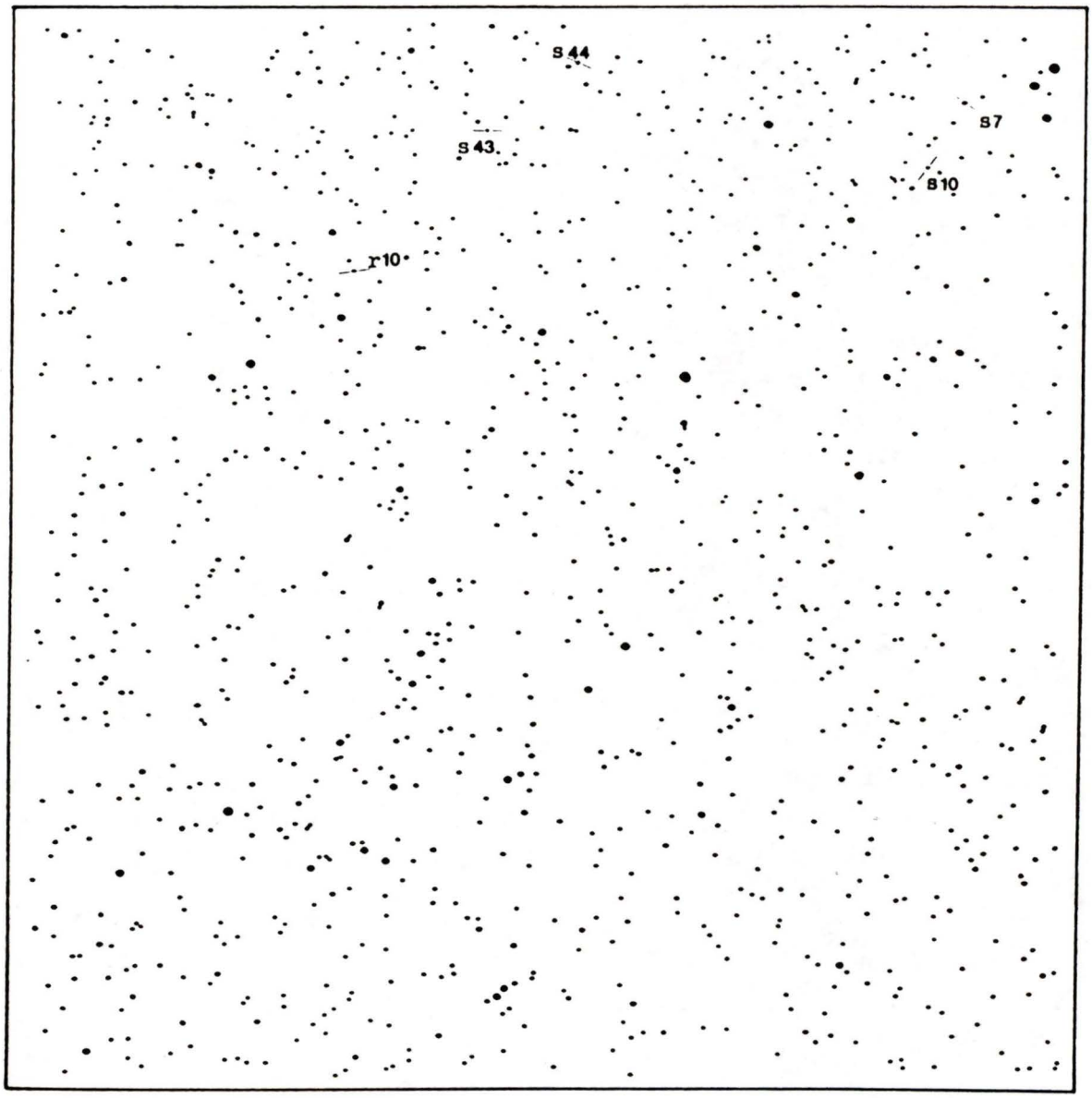

Figure B4: Section 4. Origin at (60000, 15) microns.

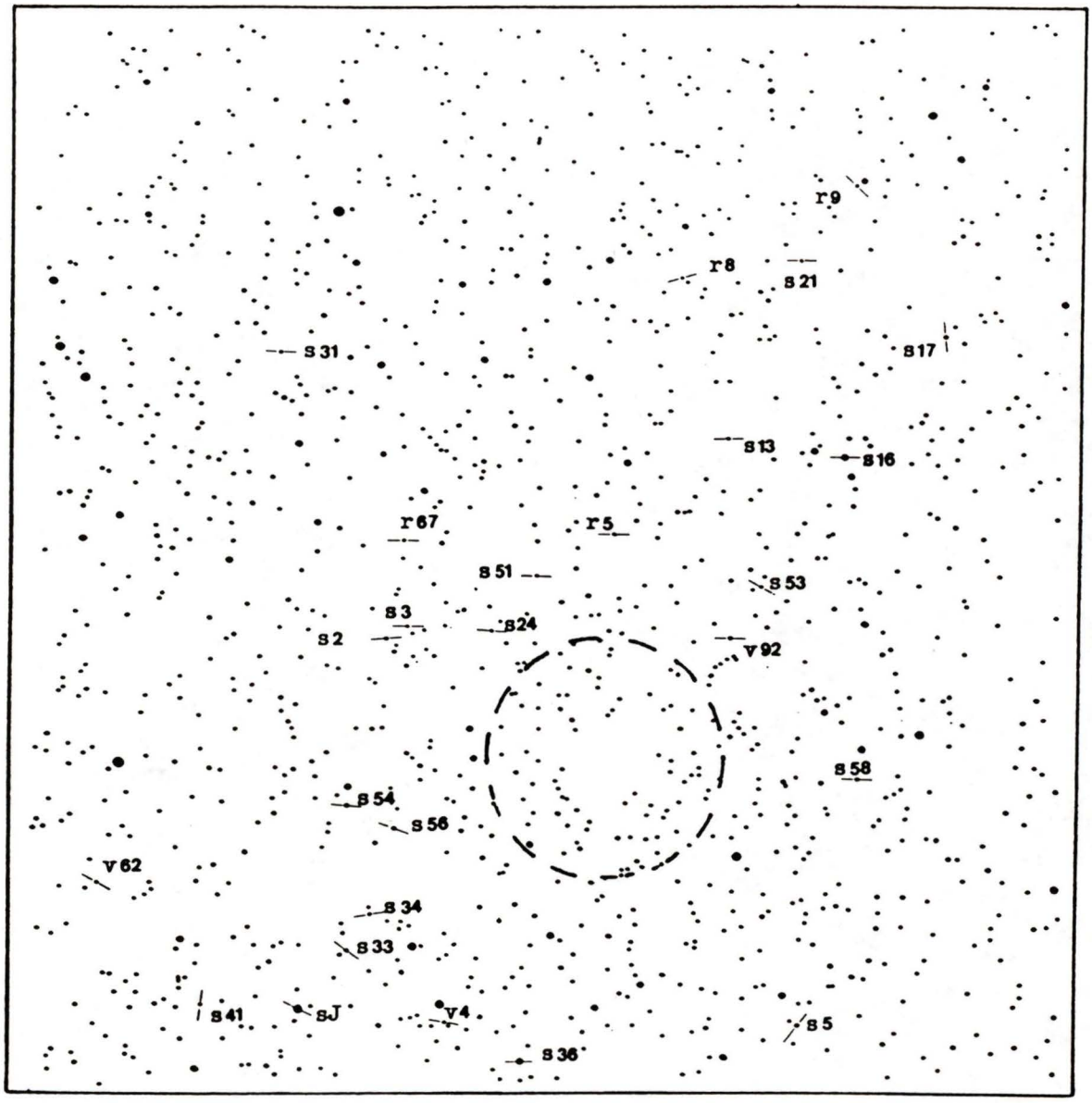

Figure B5: Section 5. Origin at (60000, 60015) microns.
The circle is centered on NGC 6304 and has a diameter of 4'.

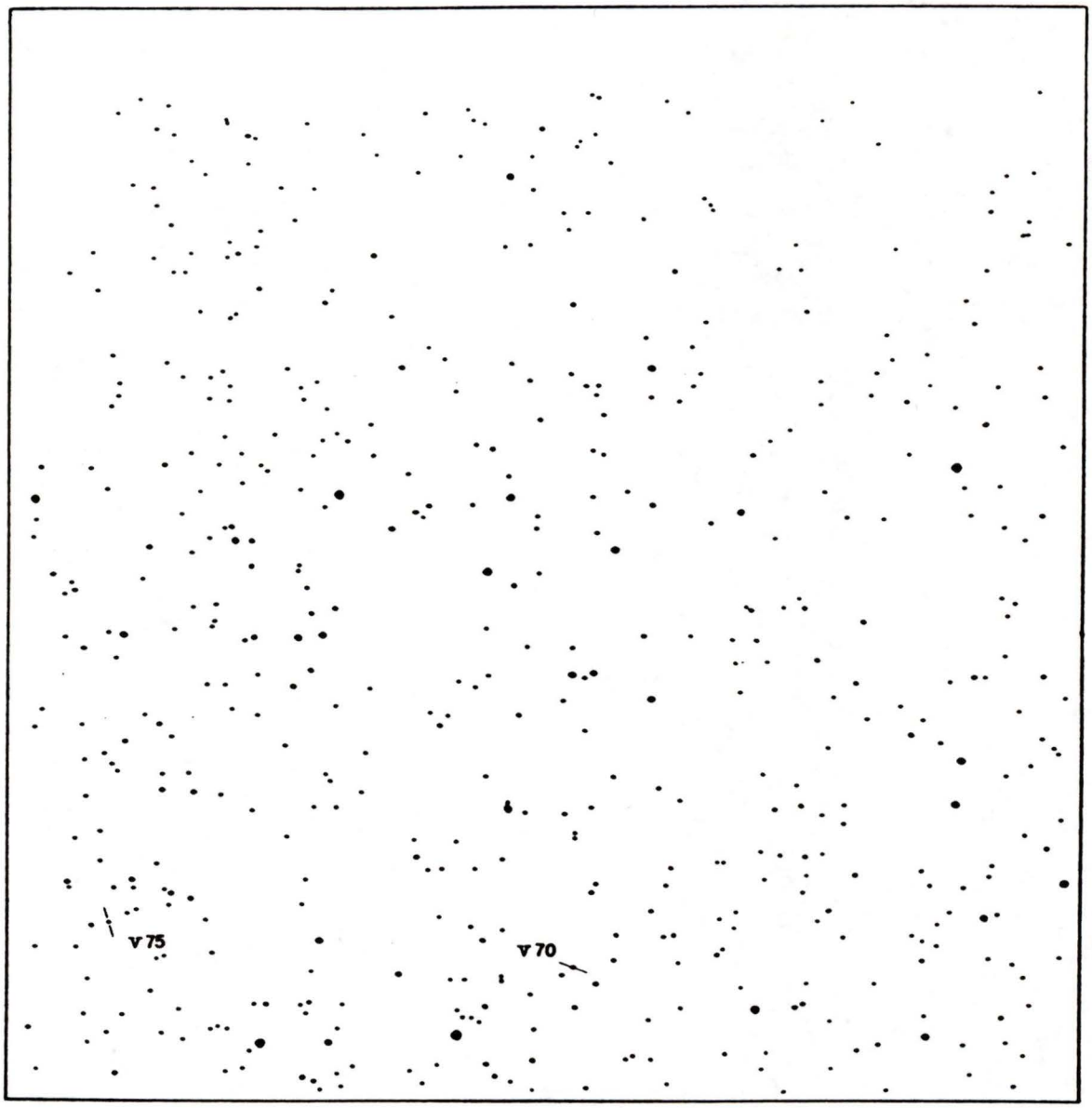

Figure B6: Section 6. Origin at (60000, 120015) microns.

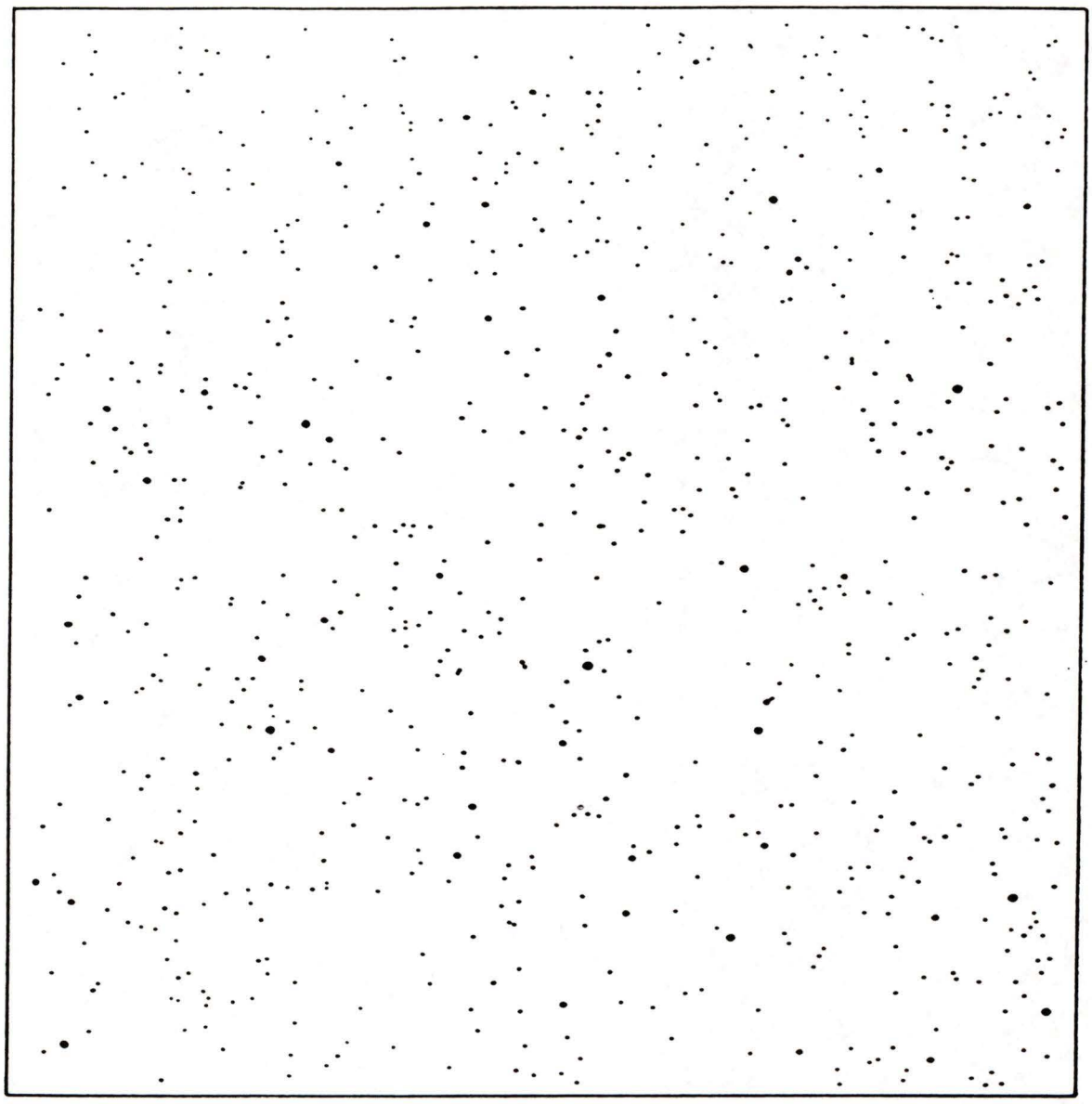

Figure B7: Section 7. Origin at (120000, 15) microns.

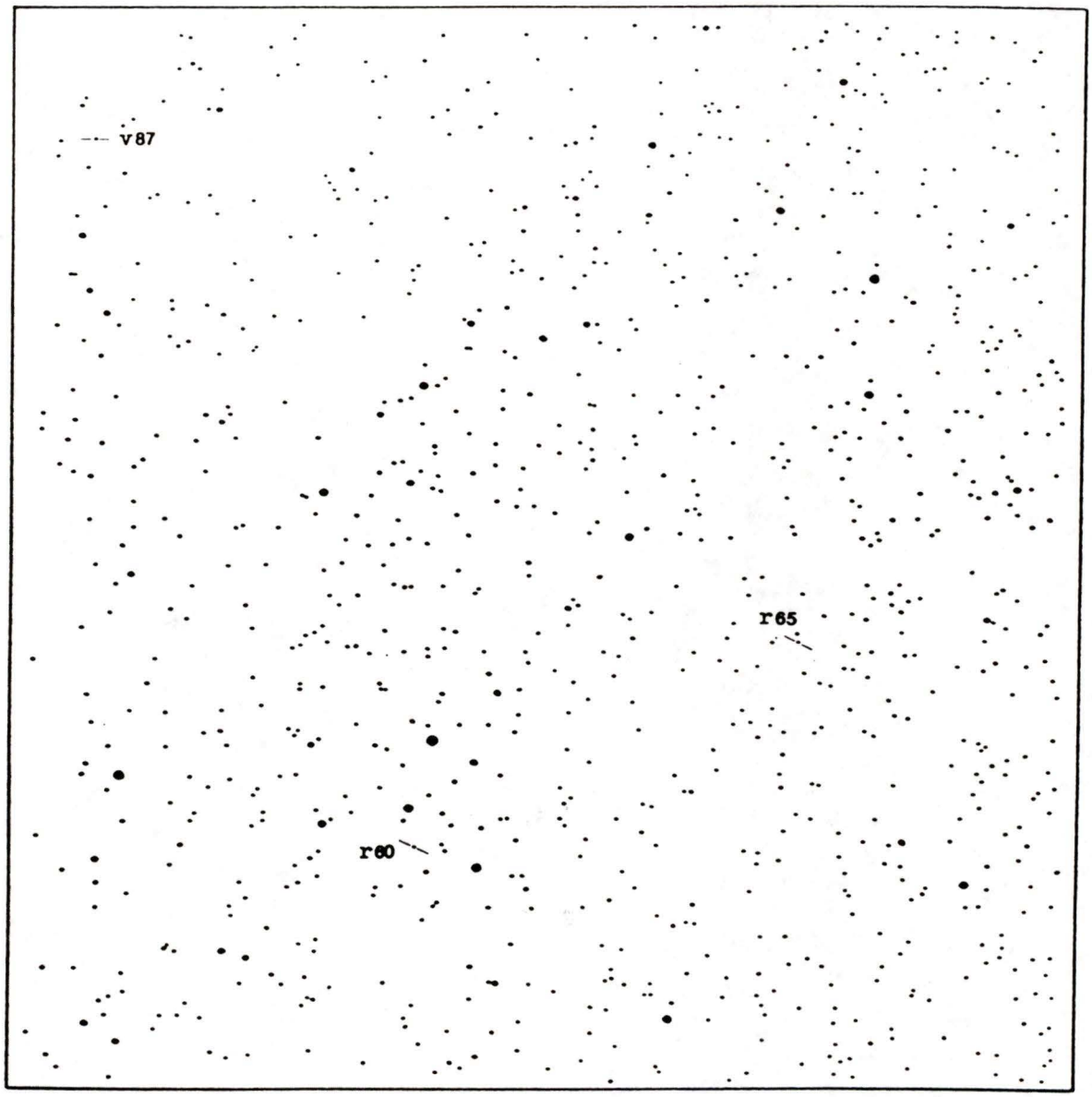

Figure B8: Section 8. Origin at (120000, 60015) microns.

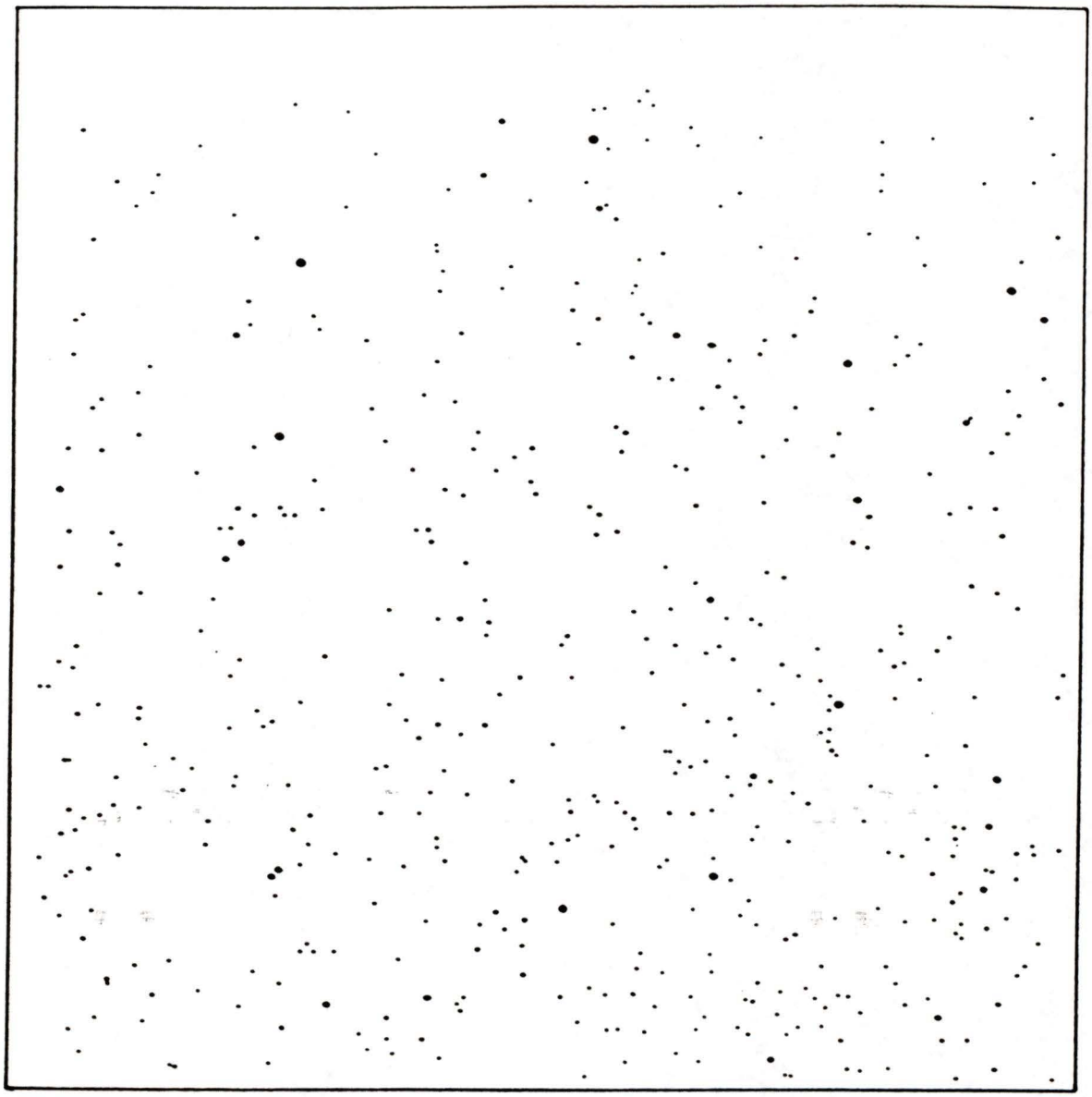

Figure B9: Section 9. Origin at (120000, 120015) microns.

TABLE B-1 OBSERVATIONS OF PROGRAM STARS

SECTION 1

1	40912.20	850.65	16.49	1.48
2	36068.05	953.10	14.98	1.64
3	20198.85	932.55	14.80	1.78
4	11759.10	940.20	15.93	1.67
5	38985.45	1004.70	16.20	0.89
6	13212.60	1087.35	15.27	1.63
7	37549.95	1210.50	15.98	2.00
8	11047.20	1186.80	14.36	1.78
9	37117.15	1372.80	16.02	0.87
10	41842.65	1434.90	14.62	0.80
11	17902.20	1428.30	15.06	1.55
12	25197.90	1471.80	13.96	1.16
13	37989.30	1310.35	15.83	1.67
14	20850.15	1521.75	16.62	1.30
15	44498.10	1586.70	15.98	1.28
16	28775.20	1676.55	16.13	0.82
17	26579.25	1646.40	16.03	1.86
18	31162.50	1668.60	15.33	1.71
19	22338.15	1738.80	15.76	1.19
20	47406.00	1786.95	16.09	1.29
21	5033.05	1747.80	14.36	2.06
22	36986.20	1845.10	16.93	0.52
23	7497.75	1822.50	16.12	0.96
24	36575.65	1968.15	15.01	1.48
25	20410.20	2103.90	16.43	1.14
26	16381.95	2148.15	16.49	1.28
27	27184.50	2202.15	16.02	1.48
28	33713.50	2247.90	15.96	1.39
29	7714.80	2281.20	16.60	0.91
30	36931.45	2405.40	15.77	1.97
31	17435.80	2395.35	14.38	1.62
32	47458.05	2469.00	16.35	1.01
33	37399.80	2494.05	14.38	0.67
34	36110.55	2514.30	16.88	1.01
35	16846.20	2518.35	14.47	0.78
36	37298.20	2696.55	15.92	0.92
37	13149.45	2727.75	15.36	1.71
38	44370.70	2821.80	15.39	1.60
39	43845.30	2942.85	16.82	0.92
40	25341.85	2986.35	16.05	0.80
41	27092.10	3043.35	15.77	1.74
42	41681.85	3196.65	14.83	0.91
43	10546.35	3198.45	15.68	2.06
44	60244.35	3276.35	15.70	1.44
45	37132.05	3502.65	16.50	1.47
46	31042.45	3563.40	16.72	0.70
47	25173.45	3620.40	15.42	1.92
48	31898.55	3691.20	16.00	1.22
49	6275.25	3698.25	13.91	2.07
50	34417.20	3816.45	14.71	1.85
51	18332.70	3808.20	15.37	1.42
52	29083.35	3870.30	15.10	0.93
53	23294.10	3926.25	14.92	1.53
54	13397.20	3937.50	13.23	1.47
55	48172.95	4039.50	14.81	2.01
56	17312.35	4162.65	13.49	1.91
57	26358.40	4280.55	13.80	0.77
58	45324.60	4346.70	16.32	1.24
59	32462.65	4444.80	15.69	1.73
60	36900.00	4440.30	13.52	1.64
61	43885.95	4617.45	16.67	1.14
62	29731.95	4637.25	16.08	1.82
63	35785.45	4718.85	16.17	1.37
64	14960.70	4731.90	16.43	1.04
65	47427.90	4812.60	16.34	1.12
66	24273.90	4904.10	15.65	1.96
67	38645.50	4991.55	13.02	0.17
68	21113.70	4973.40	16.23	0.90
69	40667.70	5039.10	15.35	0.78
70	49862.55	5130.60	15.36	2.14
71	35602.60	5341.30	15.23	1.83
72	25013.85	5301.10	14.99	1.39
73	47354.55	5617.65	16.12	1.49
74	20699.40	5572.80	14.89	2.23
75	34327.80	5618.85	15.03	1.74
76	49048.50	5705.40	14.83	0.73
77	33365.20	5738.40	15.27	0.75
78	47838.00	5758.35	14.52	0.92
79	34856.95	5787.15	15.22	2.00
80	37092.25	5842.65	16.83	0.89
81	49648.20	6036.25	15.76	1.40
82	46903.15	6039.90	16.80	1.17
83	36316.35	6064.20	16.45	0.92
84	23758.20	6078.60	16.65	1.26
85	36392.35	6261.30	16.14	1.34
86	31181.85	6279.30	14.96	2.14
87	38861.95	6352.20	16.85	0.74
88	44306.05	6325.05	15.46	1.57
89	18053.25	6353.85	15.52	2.12
90	17353.05	6353.40	16.40	1.06
91	21381.90	6374.10	16.79	0.92
92	35910.55	6392.85	16.12	1.85
93	18337.05	6424.35	16.77	1.12
94	50758.20	6458.00	16.01	1.07
95	33946.65	6459.25	16.30	1.39
96	10408.20	6802.20	15.96	0.68
97	33899.70	6917.55	15.61	0.62
98	14774.85	7013.10	16.15	1.64
99	16838.10	7042.80	15.23	1.94
100	36961.75	7153.20	15.60	1.96
101	918.45	7139.65	14.81	0.72
102	19468.80	7213.80	15.86	0.40
103	2099.10	7303.35	15.24	1.61
104	4215.60	7348.65	16.24	1.68
105	21950.55	7496.70	14.20	1.88
106	7174.20	7580.25	14.14	1.71
107	10448.85	7629.15	16.75	0.99
108	13686.15	7710.15	15.81	1.70
109	30312.65	8017.20	13.66	0.34
110	9187.95	7966.20	15.57	0.96
111	17026.20	8004.30	15.34	1.40
112	28434.10	8038.15	15.80	1.37
113	34843.60	8131.15	15.80	1.38
114	19031.25	8128.20	16.02	0.81
115	13242.30	8148.45	14.33	1.41
116	37845.15	8248.35	15.49	1.92
117	32130.05	8286.00	16.85	0.32
118	34347.80	8343.45	17.21	0.32
119	13176.25	8370.75	14.64	0.78
120	38173.85	8466.75	16.16	1.72
121	19406.70	8538.60	16.30	1.66
122	10184.85	8542.65	16.09	1.68
123	38127.10	8640.00	16.00	1.33
124	35142.60	8622.45	13.77	1.46
125	35796.90	8628.00	16.16	1.33
126	40046.20	8673.60	16.60	0.84
127	13030.15	8639.25	16.67	0.61
128	38302.30	8784.90	16.41	1.02
129	24939.10	8852.85	16.78	0.91
130	44399.55	8933.20	13.03	1.34
131	49663.90	8980.05	14.44	1.62
132	26372.85	8960.10	16.40	0.81
133	30343.00	9009.75	15.82	1.64
134	8682.15	8980.80	16.07	0.77
135	38050.95	9064.65	16.27	1.14
136	36956.35	9263.25	13.34	1.48
137	30321.95	9402.90	13.30	1.37
138	36488.05	9398.80	16.02	1.46
139	1411.35	9584.40	13.72	1.85
140	17910.45	9649.95	15.80	1.91
141	43983.70	9730.80	16.20	1.48
142	32121.60	9784.35	16.17	0.68
143	31176.75	9942.30	16.15	1.56
144	13288.70	9929.40	17.19	0.49
145	32133.25	10023.30	14.66	1.37
146	9938.95	9964.95	15.57	1.61
147	34781.50	10066.95	16.27	0.97
148	33383.30	10259.50	15.74	1.50
149	37422.70	10317.90	16.91	1.06
150	60798.00	10446.60	15.80	1.16
151	37999.60	10509.75	15.32	1.56
152	39860.25	10498.35	16.18	1.51
153	10250.85	10468.50	15.74	1.71
154	9567.90	10491.60	13.95	0.56
155	38837.40	10563.45	16.98	0.84
156	12915.75	10521.45	15.83	1.14
157	38219.10	10623.90	16.76	1.07
158	32670.90	10775.55	17.27	0.12
159	16830.90	10811.55	15.91	0.94
160	11939.55	10911.15	16.32	1.56
161	35550.00	11051.85	17.33	0.31
162	952.95	11024.25	16.18	0.86
163	40412.20	11141.85	15.64	1.36
164	5267.85	11180.40	15.48	0.91
165	30709.35	11247.60	15.11	0.84
166	32260.90	11288.70	15.54	1.00
167	21245.70	11313.30	15.32	2.20
168	37978.75	11441.25	16.23	1.59
169	31851.55	11535.15	16.39	1.21
170	8374.80	11511.60	17.04	0.88
171	40246.55	11659.65	14.69	1.72
172	38680.35	11679.75	14.70	1.51
173	42681.30	11753.10	16.34	1.22
174	46344.10	11912.25	16.21	1.19
175	37642.75	11960.70	16.24	1.55
176	38092.15	12194.85	17.16	0.73
177	31729.75	12198.75	15.39	0.92
178	19330.80	12309.75	15.79	2.04
179	34764.85	12417.75	15.07	0.79
180	43313.85	12438.45	16.72	1.15
181	24887.70	12445.50	16.30	1.55
182	34331.35	12542.10	16.12	1.16
183	7386.10	12563.25	16.41	1.15
184	46822.95	12992.25	16.05	1.88
185	39210.35	13028.55	15.29	1.20
186	7952.40	12996.60	14.59	1.86
187	48174.90	13063.65	15.28	1.58
188	24226.65	13071.30	14.68	1.42
189	19461.75	13190.55	13.09	0.19
190	40080.45	13231.35	14.19	1.60
191	32498.80	13258.95	15.58	1.53
192	21529.65	13243.50	15.97	1.75
193	38040.90	13388.55	15.01	0.78
194	27035.95	13406.25	14.48	1.63
195	6987.60	13380.60	16.46	1.13
196	35139.70	13512.45	15.75	1.73
197	19450.95	13553.25	16.47	1.51
198	43701.00	13616.85	15.72	2.09
199	21157.65	13664.85	16.63	0.96
200	45768.15	13774.20	16.54	1.21
201	48379.65	13793.70	14.96	1.71
202	14046.75	13909.95	16.04	1.58
203	43868.20	14179.80	16.56	1.13
204	31744.05	14291.70	12.26	1.62
205	31056.15	14289.30	15.03	1.64
206	28459.95	14483.70	16.54	1.23
207	34247.50	14591.55	16.09	1.62
208	10427.85	14548.50	14.82	1.87
209	39375.30	14803.35	15.12	1.49
210	36307.50	14999.25	16.01	1.20
211	14569.50	15094.05	15.54	0.84
212	10121.25	15199.05	16.39	1.11
213	40878.00	15433.35	16.11	1.78
214	11555.70	15432.30	14.63	1.65
215	39291.45	15507.30	14.98	2.01
216	30572.25	15556.80	15.48	2.13
217	29373.75	15580.65	14.95	0.71
218	42678.60	15762.00	15.44	1.88
219	7271.70	15753.45	14.41	1.36
220	16816.50	15936.75	16.21	1.07
221	42044.40	15979.20	16.33	1.04
222	32686.65	15975.00	16.83	0.94
223	40403.80	16035.45	16.30	1.00
224	31632.00	16121.55	16.47	1.45
225	4875.75	16166.70	16.95	0.97
226	1858.50	16220.10	16.07	1.19
227	38276.25	16427.70	14.36	1.55
228	41283.45	16467.15	16.58	1.05
229	6954.60	16504.35	10.60	1.77
230	31191.25	16674.60	16.33	1.20
231	30867.85	16715.25	15.97	1.00
232	42567.90	16730.65	13.81	0.69
233	13048.35	16831.95	16.51	1.45
234	10983.60	16840.05	15.94	0.98
235	37205.10	16941.45	15.72	1.67
236	2377.50	16973.10	15.29	1.93
237	60342.75	17048.40	13.88	0.29
238	44404.95	17065.05	16.75	0.95
239	31748.65	17092.95	16.44	1.47
240	36919.65	17129.90	15.17	0.98
241	38814.75	17249.70	16.47	1.10
242	35664.45	17248.65	15.01	1.92
243	15064.95	17232.45	14.99	1.98
244	28022.40	17387.40	16.58	0.80
245	37809.60	17495.25	16.35	0.96
246	38531.80	17552.55	17.53	0.28
247	45921.45	17536.50	13.71	0.53
248	34355.70	17532.30	15.87	1.01
249	2346.60	17563.35	16.43	1.32
250	14202.45	17614.95	15.44	1.07
251	60575.40	17739.45	15.10	1.95
252	52706.40	17764.95	15.75	1.40
253	11049.00	17806.05	13.70	0.58
254	51250.35	18022.20	16.06	1.44
255	58499.35	18083.40	15.79	1.69
256	6962.70	18075.15	16.59	1.33
257	11613.15	18142.95	16.60	1.01
258	31993.20	18197.10	16.64	0.95
259	28113.90	18212.70	16.40	1.27
260	23989.50	18297.75	15.10	1.34
261	35604.60	18360.00	14.64	1.81
262	60140.40	18407.55	15.93	0.89
263	38902.95	18406.95	15.63	0.96
264	22348.95	18395.85	15.21	1.69
265	44251.20	18434.25	15.18	1.45
266	55092.15	18484.65	16.51	1.27
267	20155.95	18460.35	16.74	1.19
268	32235.45	18539.85	16.23	1.14
269	31828.95	18597.90	14.54	0.82
270	9798.00	18611.85	16.49	0.92
271	58004.70	18715.65	14.83	0.98
272	10771.95	18660.15	14.36	0.98
273	43145.40	18820.50	14.22	1.30
274	34371.70	18867.60	16.42	1.36
275	35713.95	18923.85	13.16	0.60
276	32037.90	18974.10	13.55	0.90
277	30046.90	19048.35	13.77	1.40
278	34308.55	19114.35	13.27	1.82
279	31104.00	19119.30	15.60	1.23
280	23133.75	19190.25	15.73	0.92
281	20102.70	19229.15	14.74	0.76
282	916.05	19233.30	16.95	0.94
283	38801.70	19324.35	13.09	0.83
284	44323.50	19414.05	15.83	1.19
285	53748.30	19435.90	15.74	1.62
286	13985.40	19432.15	15.08	1.49
287	34564.50	19527.75	15.30	0.93
288	38155.50	19542.90	15.25	1.51
289	60311.40	19600.05	16.65	1.23
290	36357.60	19614.15	11.08	1.15
291	43807.20	19741.80	16.85	0.96
292	50781.90	19779.60	16.95	0.99
293	56133.00	19908.15	10.20	1.74
294	29045.85	19918.20	15.67	1.32
295	60736.65	20014.65	14.78	0.96
296	43049.40	20075.10	16.26	1.37
297	19717.95	20329.20	16.48	1.25
298	54222.30	20498.70	11.84	0.33
299	35056.95	20521.05	16.66	0.91
300	13866.00	20493.10	16.29	1.20

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302	35242 50	20777 85	16 05	1 40		
303	36442 95	20857 80	14 84	1 97		
304	26459 85	20856 75	15 58	1 37		
305	28531 05	20886 00	16 57	1 27		
306	42438 45	20925 15	17 11	0 87		
307	41167 95	21021 15	16 76	1 09		
308	48194 40	21132 90	12 96	1 21		
309	53608 00	21159 15	15 65	1 86		
310	14497 05	21247 65	14 65	1 83		
311	12948 60	21280 95	15 84	2 04		
312	32042 25	21313 95	16 15	1 71		
313	38414 80	21392 10	15 78	1 89		
314	31899 85	21417 60	15 04	1 41		
315	41934 90	21442 05	15 63	1 85		
316	26707 05	21416 70	16 19	1 43	v24	
317	43287 35	21369 25	16 31	1 62		
318	58102 35	21742 95	15 64	2 01		
319	21120 15	21730 30	15 79	1 73		
320	19000 95	21734 85	17 24	0 71		
321	54090 30	21887 85	15 29	0 70		
322	44263 20	21892 50	15 14	1 08		
323	38748 30	22182 75	15 88	1 29		
324	43567 35	22186 20	15 35	1 47		
325	26351 25	22189 95	16 15	1 67		
326	35398 05	22240 20	15 04	1 90		
327	49380 45	22277 85	14 18	1 45		
328	53219 40	22320 60	15 64	1 08		
329	53403 00	22373 40	16 39	1 16		
330	29006 70	22344 30	13 11	0 88		
331	46547 85	22322 65	16 70	0 91		
332	18597 90	22698 45	15 90	1 93		
333	28969 50	22768 35	13 34	0 59		
334	32135 55	22783 80	16 18	1 32		
335	13779 15	22775 85	13 34	0 43		
336	15431 70	22783 20	16 20	1 36		
337	58794 60	22991 70	14 35	1 24		
338	33983 55	23116 50	15 61	1 99		
339	33220 35	23141 85	15 42	0 81		
340	14617 95	23229 45	16 09	1 15		
341	41153 55	23342 85	15 93	1 83		
342	43017 25	23345 55	15 90	1 87		
343	39703 20	23377 50	16 73	1 08		
344	56097 75	23548 50	16 46	0 94		
345	36403 95	23544 00	16 21	1 51		
346	2316 75	23453 95	15 36	1 17		
347	35733 15	23968 50	15 46	1 64		
348	30534 15	24071 25	15 72	1 92		
349	2173 20	24019 15	15 85	2 08		
350	40757 85	24187 35	15 18	1 34		
351	13224 85	24326 85	12 04	0 06		
352	34536 35	24353 25	16 63	0 87		
353	53550 75	24405 30	16 34	1 01		
354	53067 45	24436 10	16 16	1 72		
355	21373 80	24728 25	14 69	0 92		
356	29362 00	24797 85	14 89	0 91		
357	20503 05	24825 75	14 66	2 18		
358	33160 65	24901 50	16 19	1 13		
359	30874 00	25011 15	15 36	2 13		
360	57145 50	25024 05	16 40	0 76		
361	48850 65	25076 40	14 24	1 20		
362	35731 80	25076 70	16 30	1 27		
363	28107 15	25111 20	16 86	0 65		
364	3707 35	25113 00	15 38	2 02		
365	28015 05	25220 15	16 04	0 94		
366	23643 90	25281 60	16 02	0 98		
367	14834 35	25307 25	15 71	1 09		
368	39068 35	25292 00	14 06	1 77		
369	44937 25	25466 70	16 28	1 16		
370	39272 35	25530 30	16 29	1 16		
371	39632 10	25636 95	16 31	1 40		
372	24034 60	25687 20	16 23	0 67		
373	22616 25	25830 60	16 00	1 08		
374	18431 95	25857 90	15 69	1 15		
375	31116 60	25938 10	15 72	1 47		

376	35063 10	26136 60	16 32	0 88		
377	32780 35	26187 00	16 67	1 22		
378	53011 95	26225 55	15 46	1 76		
379	19770 00	26219 55	11 45	-0 10		
380	32880 00	26240 25	16 65	1 08		
381	7608 75	26197 05	16 81	1 03		
382	40623 15	26284 35	15 91	1 74		
383	17684 25	26439 00	15 79	2 13		
384	38967 85	26537 55	15 96	1 07		
385	54847 50	26557 20	16 42	1 54		
386	29686 80	26530 80	15 62	2 01		
387	30134 35	26532 75	15 67	1 38		
388	16381 20	26686 95	15 67	2 15		
389	40398 30	26749 20	15 45	1 85		
390	18180 90	26733 60	16 87	1 05		
391	33402 60	26748 40	16 79	0 90		
392	29367 45	26819 25	16 18	1 12		
393	6018 15	26840 55	17 04	0 88		
394	16908 75	26987 70	16 60	1 24		
395	31519 20	27036 75	16 15	1 75		
396	48089 55	27152 10	15 58	1 35		
397	39636 30	27212 40	15 87	2 11		
398	23406 90	27164 55	15 15	0 92		
399	33418 60	27203 70	13 61	1 69		
400	24273 60	27257 70	16 87	1 07		
401	36914 85	27295 35	14 67	0 65		
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404	11674 65	27364 35	13 99	0 60		
405	37893 70	27482 40	15 12	1 70		
406	49776 45	27541 05	16 22	1 55		
407	9349 50	27562 20	16 07	1 89		
408	32003 95	27709 15	13 07	0 89		
409	33393 95	27796 20	16 64	0 60		
410	40653 60	27832 20	16 44	0 92		
411	21697 50	27852 60	16 47	0 90		
412	23533 00	27843 85	16 67	1 09		
413	28612 50	27912 60	15 14	0 92		
414	41033 70	28066 80	15 09	1 72		
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416	19823 50	28142 25	17 01	0 42		
417	21104 25	28173 00	16 66	1 28		
418	17552 25	28200 00	15 33	1 23		
419	3498 70	28212 60	16 62	0 79		
420	33830 95	28268 70	13 93	0 93		
421	40496 95	28324 50	13 20	0 83		
422	32116 60	28351 05	15 65	1 89		
423	20373 90	28367 10	15 61	0 75		
424	37130 75	28410 30	14 81	1 50		
425	37644 35	28430 95	16 30	1 03		
426	12101 85	28477 30	13 71	1 82		
427	33562 85	28355 80	17 14	0 77		
428	26384 40	28611 30	15 65	2 12		
429	43400 20	28693 75	16 51	1 14		
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431	43251 85	28855 80	16 77	1 01		
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433	33256 25	28990 05	15 99	1 14		
434	29777 05	29072 40	15 31	2 19		
435	40319 35	29187 00	14 12	0 48		
436	47717 85	29160 15	16 07	0 90		
437	33229 60	29209 95	16 95	0 96		
438	11571 00	29168 70	15 00	1 94		
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441	1201 50	29182 65	16 12	1 06		
442	3610 15	29270 40	16 00	1 93		
443	24407 10	29348 70	16 17	1 80		
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446	44605 90	29421 45	16 72	1 17		
447	11680 05	29424 90	16 37	0 99		
448	18471 30	29499 45	12 89	0 36		
449	30165 85	29541 75	15 91	1 68		
450	26818 35	29535 70	16 19	1 51		

451	12752 70	29564 10	15 97	2 12		
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453	60277 35	29909 55	15 41	1 15		
454	4342 95	29854 20	16 35	1 03		
455	20230 80	29992 35	15 34	1 06		
456	34978 35	30077 10	15 81	1 79		
457	2610 00	30071 85	13 64	0 81		
458	51378 45	30205 05	17 11	0 71		
459	31412 70	30162 15	15 79	1 00		
460	7018 05	30187 30	16 12	1 27		
461	52077 00	30272 40	16 15	0 92		
462	1105 05	30185 70	15 41	0 83		
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464	32807 70	30263 10	14 93	0 71		
465	1857 15	30200 25	16 80	0 90		
466	10974 15	30262 05	15 90	1 71		
467	31872 00	30402 45	15 04	1 52		
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477	18772 95	30726 15	17 24	0 66		
478	51105 45	30785 70	15 74	1 66		
479	29341 15	30818 85	15 88	1 43		
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485	37346 40	31374 70	15 41	1 02		
486	36985 75	31649 70	15 62	1 19		
487	36813 85	31637 35	16 05	1 17		
488	33941 60	31719 10	16 33	1 08		
489	32178 40	31744 95	15 93	1 76		
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491	44385 75	31810 35	15 63	0 92		
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493	37943 20	31872 75	15 23	1 44		
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499	46372 75	32227 80	16 26	1 41		
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501	10248 85	32320 50	16 18	1 02		
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505	20320 30	32553 15	14 18	1 94		
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507	30118 35	32647 80	15 93	0 80		
508	3610 15	32617 05	16 15	1 13		
509	33691 65	32677 35	16 17	1 12		
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511	49838 70	32827 95	15 35	1 93		
512	3581 40	32764 20	15 39	0 72		
513	26287 20	32929 05	16 35	1 30		
514	37011 60	32964 00	14 92	1 32	v33	
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516	11708 95	32989 20	15 68	1 86		
517	34183 30	33040 95	17 20	0 58		
518	29915 35	33036 45	13 80	1 40		
519	45013 35	33117 75	16 34	1 53		
520	6601 95	33055 05	14 34	1 31		
521	51123 90	33203 70	16 05	1 49		
522	46893 15	33235 05	16 93	0 97		
523	26837 70	33237 00	11 70	1 17		
524	13772 35	33241 05	16 08	1 71		
525	31819 80	33281 85	14 71	1 68		

526	55827 30	33329 25	16 62	1 16		
527	35125 50	33328 65	15 84	1 46		
528	37795 80	33340 60	16 24	1 71		
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533	33337 50	33546 60	16 86	0 95		
534	3531 40	33525 00	16 01	1 76		
535	40673 85	33637 20	15 05	2 05		
536	60449 70	33733 20	16 75	1 19		
537	21970 05	33748 15	17 03	0 85		
538	27202 05	33775 05	15 28	1 51		
539	26481 75	33777 75	16 27	1 23		
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541	49700 85	33918 00	15 86	0 87		
542	18938 55	33904 35	16 67	1 21		
543	49347 90	33970 50	15 96	0 91		
544	39600 70	34078 50	15 42	0 93		
545	21136 50	34038 30	16 27	0 85		
546	14696 55	34053 15	14 65	0 74		
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548	33206 25	34100 25	15 36	1 82		
549	49716 60	34135 00	15 42	1 71		
550	47352 70	34213 90	15 42	0 87		
551	26232 30	34250 70	15 97	1 10		
552	12949 35	34226 55	15 78	1 68		
553	13131 10	34244 35	15 73	1 55		
554	39062 95	34486 65	16 44	0 86		
555	43997 80	34477 05	15 56	1 68		
556	34437 65	34504 65	15 62	1 67		
557	37803 55	34598 40	16 89	1 10		
558	20443 15	34629 75	16 44	1 55		
559	44333 40	34788 45	16 18	1 06		
560	24922 00	35110 05	16 64	0 72		
561	34539 10	35170 05	16 28	1 47		
562	45142 95	35162 40	16 07	1 82		
563	38464 35	35169 90	15 87	1 69		
564	3537 45	35135 10	16 17	1 66		
565	40527 30	35320 05	16 04	0 93		
566	26959 65	35521 95	15 64	1 61		
567	32005 95	35547 60	15 52	1 54		
568	60789 45	35597 40	15 02	0 89		
569	18602 10	35574 75	15 32	1 69		
570	9804 30	35577 30	16 95	0 85		
571	32884 20	35642 25	14 97	1 56		
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573	39578 55	35737 75	16 96	0 92		
574	17313 30	35785 35	15 32	0 77		
575	22972 20	35816 10	15 91	1 26		
576	13728 85	35824 95	15 09	1 32		
577	46226 85	35897 85	16 58	1 03		
578	14514 45	35877 45	16 12	0 99		
579	23330 35	35921 85	17 31	0 49		
580	21132 30	35920 35	15 43	1 93		
581	31729 35	35991 15	15 94	1 46		
582	34361 25	36019 80	15 22	1 25		
583	10722 45	35968 80	16 46	1 46		
584	54641 25	36057 75	15 34	0 95		
585	30809 70	36128 55	15 42	1 68		
586	19278 60	36249 00	15 08	1 69		
587	12761 10	36233 50	16 92	0 89		
588	26275 50	36348 85	14 07	1 67		
589	24891 90	36379 95	16 81	1 10		
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591	24055 10	36441 60	15 06	1 57		
592	18050 70	36427 65	15 88	1 16		
593	27704 95	36319 30	15 35	1 39		
594	18916 50	36518 55	15 60	1 63		
595	43251 80	36659 70	14 99	1 81		
596	54467 10	36721 80	16 30	0 35		
597	39778 50	36725 40	15 10	1 90		
598	42781 05	36732 15	15 03	1 34		
599	6002 55	36684 30	16 54	0 89		
600	50424 90	36765 00	16 43	1 00		

SECTION 1 cont.

601	38928.15	36756.90	15.88	2.08		
602	31059.45	36804.15	15.69	0.87		
603	22801.50	36811.65	15.54	0.98		
604	16925.10	36830.40	15.87	1.68		
605	13311.05	36884.40	14.11	1.62		
606	11819.10	36902.40	14.90	2.09		
607	9531.70	37034.20	15.24	1.39		
608	41844.15	37117.65	15.39	1.38		
609	46191.60	37126.80	16.02	0.96		
610	23734.20	37133.70	15.83	0.99		
611	39329.95	37139.00	14.38	0.67		
612	33647.70	37174.05	14.92	1.49		
613	41082.30	37184.25	14.97	1.71		
614	25785.45	37213.20	16.25	1.38		
615	37075.45	37317.60	16.02	0.97		
616	10970.85	37264.20	15.60	0.82		
617	39221.80	37486.20	13.67	1.25		
618	15153.15	37469.55	16.20	0.57		
619	47682.45	37538.55	16.62	1.03		
620	50834.35	37559.50	15.81	2.05		
621	37210.80	37897.20	16.02	1.45		
622	12612.60	37870.05	16.64	1.26		
623	13076.70	37899.15	16.04	1.63		
624	46222.05	37981.05	16.38	0.93		
625	19084.45	37958.40	15.70	2.28		
626	44032.80	38014.95	15.56	1.45		
627	35226.15	38128.95	16.01	1.62		
628	31404.60	38138.10	16.18	1.76		
629	23424.30	38156.40	15.02	1.60		
630	43891.35	38208.15	16.24	0.87		
631	31397.95	38211.30	13.94	1.29		
632	17039.25	38214.45	16.03	1.53		
633	30244.80	38289.75	16.09	1.07		
634	34669.05	38360.70	16.47	1.22		
635	36471.40	38420.40	16.29	1.35		
636	17763.75	38416.65	16.90	1.01		
637	1975.30	38594.10	16.43	1.38		
638	46791.90	38736.40	14.84	1.39		
639	43166.35	38767.95	12.32	1.11		
640	48526.80	38848.65	16.05	1.58		
641	43537.20	38892.75	14.11	0.54		
642	21826.65	38861.10	15.34	0.84		
643	5328.35	38844.75	15.65	1.66		
644	23202.30	39041.55	16.57	0.84		
645	6226.05	39037.20	16.00	0.82		
646	32140.00	39162.60	13.66	1.42		
647	42133.95	39181.95	13.92	1.34		
648	20031.15	39167.55	16.54	0.89		
649	37812.30	39286.05	15.12	0.69		
650	42702.00	39407.40	13.22	1.80		
651	16241.55	39370.80	16.94	0.93		
652	40173.90	39433.05	14.60	1.34		
653	32838.15	39416.85	14.34	1.32		
654	45768.60	39485.55	17.07	0.84		
655	38153.40	39481.65	16.69	1.05		
656	20639.80	39493.20	15.46	1.03		
657	8465.10	39468.90	15.75	1.64		
658	48894.45	39602.10	16.14	1.60		
659	33754.95	39587.40	16.05	1.80		
660	29676.90	39686.10	15.06	1.93		
661	26962.50	39685.20	16.62	1.06		
662	33164.95	39700.65	13.79	1.49		
663	39013.40	39809.25	14.91	0.98		
664	26490.30	39884.35	16.70	1.23		
665	20101.95	39970.65	16.31	0.71		
666	18144.75	39973.95	16.42	0.84		
667	2324.25	39981.75	16.71	0.85		
668	37935.40	40098.90	15.17	1.45		
669	13034.35	40052.85	16.04	1.53		
670	37696.05	40093.75	15.13	2.07		
671	12767.10	40112.40	17.32	0.25		
672	20336.40	40238.65	15.98	1.89		
673	43167.10	40380.60	15.90	1.02		
674	43473.70	40377.15	13.85	1.58		
675	21172.95	40340.25	14.61	1.96		
676	16319.40	40341.90	13.93	0.86		
677	31590.85	40425.90	16.11	1.80		
678	19621.50	40435.50	16.77	1.19		
679	29518.50	40467.45	16.57	1.01		
680	38475.45	40512.00	15.33	1.64		
681	38544.10	40652.10	15.43	1.51		
682	43444.20	40649.55	15.58	1.79		
683	9157.80	40666.65	15.75	0.89		
684	3610.65	40730.70	15.80	1.50		
685	38131.15	40781.40	15.19	1.66		
686	18197.40	40846.05	16.10	1.62		
687	39687.40	40895.10	16.02	1.34		
688	27752.25	40883.70	14.55	1.39		
689	29330.25	40892.55	13.84	1.72		
690	32226.15	40952.10	14.67	1.71		
691	22157.85	40968.90	16.10	1.82		
692	23664.45	41041.05	16.17	0.99		
693	10668.30	41027.85	14.27	1.88		
694	39596.55	41104.35	14.86	1.86		
695	11814.45	41113.50	16.36	1.37		
696	6504.45	41135.80	16.93	0.93		
697	60017.10	41293.20	16.38	1.32		
698	37827.00	41364.00	16.07	1.88		
699	7735.00	41313.15	15.16	1.93		
700	39872.80	41412.60	16.60	1.32		
701	44108.25	41526.60	15.41	1.89		
702	38947.50	41541.60	15.64	1.90		
703	20713.50	41543.20	15.75	1.75		
704	29955.75	41572.80	16.04	1.84		
705	3973.50	41559.75	15.00	1.79		
706	22923.60	41668.50	16.33	1.09		
707	4614.45	41639.50	17.06	0.74		
708	37082.65	41868.90	17.38	0.37		
709	20161.35	41850.75	16.06	1.18		
710	60139.00	42002.25	16.32	1.32		
711	52678.05	42013.45	16.80	1.09		
712	7600.05	42074.35	15.13	0.99		
713	28199.10	42173.35	14.30	0.66		
714	31187.95	42216.00	14.94	1.69		
715	29063.35	42226.95	17.07	0.75		
716	24200.85	42213.25	16.44	1.00		
717	16230.15	42236.10	16.48	1.49		
718	20149.80	42273.45	17.02	0.86		
719	22938.60	42248.60	15.97	1.72		
720	6699.00	42343.15	15.71	0.85		
721	39390.05	42318.85	14.73	1.89		
722	34063.15	42347.20	13.76	0.65		
723	13065.70	42483.10	16.81	1.17		
724	24734.50	42724.20	15.95	1.27		
725	8961.45	42770.70	14.97	0.78		
726	3302.35	42733.35	16.27	1.57		
727	50617.20	42939.45	16.46	0.99		
728	34782.15	42946.35	16.63	1.26		
729	47125.05	43119.00	16.89	0.81		
730	3813.90	43113.70	15.55	1.16		
731	13018.00	43184.70	16.66	0.59	v23	
732	17350.75	43196.70	15.04	0.81		
733	23032.95	43220.25	15.96	0.87		
734	30370.30	43290.75	17.65	0.20		
735	34341.00	43317.60	16.37	1.37		
736	4222.35	43300.65	15.74	1.39		
737	37764.30	43339.95	16.27	1.63		
738	41248.95	43381.30	14.82	1.02		
739	10039.15	43336.35	14.02	0.91		
740	23241.45	43357.65	16.47	1.33		
741	11711.70	43418.40	15.99	1.76		
742	40638.45	43488.45	16.93	0.94		
743	32255.10	43521.60	16.00	1.20		
744	40485.90	43623.90	17.05	0.92		
745	25619.55	43629.60	16.36	1.42		
746	13912.35	43629.15	15.36	1.61		
747	30116.70	43646.20	15.88	1.48		
748	1437.90	43724.25	17.33	0.44		
749	18408.90	43765.05	15.80	1.08		
750	57304.90	43929.00	13.20	0.71		
751	38927.70	43925.10	15.93	1.46		
752	32609.25	43925.10	15.77	2.08		
753	13456.65	43964.40	14.97	0.91		
754	5549.25	43984.50	16.91	0.75		
755	15734.85	44061.90	14.78	1.45		
756	38323.65	44282.85	14.12	1.63		
757	6858.00	44254.20	15.23	1.83		
758	12843.45	44337.30	16.93	0.83		
759	28582.05	44382.45	15.27	1.13		
760	22640.70	44474.10	15.66	1.60		
761	32074.30	44588.70	16.64	1.34		
762	7097.55	44523.90	17.11	0.87		
763	33835.95	44586.15	15.65	1.34		
764	35358.20	44637.15	15.36	1.06		
765	1631.70	44702.40	15.23	1.82		
766	24480.40	44772.90	15.93	1.36		
767	45913.95	44940.75	16.37	1.37		
768	12357.45	44898.00	16.05	1.09		
769	35695.50	45110.70	16.25	1.66		
770	25803.45	45099.30	15.17	1.80		
771	38850.60	45224.25	16.53	1.35		
772	6828.15	45191.55	14.44	1.48		
773	32421.85	45271.95	15.75	1.02		
774	9037.80	45225.90	14.24	1.78		
775	50045.85	45285.00	16.83	1.15		
776	5989.50	45224.40	16.36	0.87		
777	35637.40	45431.55	15.33	2.04		
778	10863.15	45355.35	16.66	1.17		
779	34746.45	45433.35	10.98	0.19		
780	19995.15	45436.50	14.41	1.41		
781	33741.60	45502.50	16.30	1.17		
782	16727.85	45484.05	15.13	1.70		
783	41373.00	45603.75	15.73	1.07		
784	2393.80	45564.30	13.78	1.08		
785	16317.55	45614.40	16.56	0.94		
786	34972.30	45759.15	16.34	1.19		
787	6672.45	45794.10	16.39	1.18		
788	10273.05	45854.10	15.19	1.61		
789	44337.75	45937.80	17.02	0.84		
790	29879.90	45962.85	14.58	1.39		
791	17105.55	45951.60	16.06	1.39		
792	33472.15	46042.05	14.23	1.71		
793	33774.75	46039.20	14.85	1.01		
794	11916.45	46082.25	13.35	1.33		
795	13228.45	46119.60	16.81	1.09		
796	49188.45	46160.55	16.07	1.14		
797	43240.35	46184.55	14.02	1.37		
798	34443.25	46192.50	16.71	1.14		
799	1830.75	46170.90	13.23	1.11		
800	33699.40	46317.75	13.46	1.02		
801	16261.50	46264.05	16.07	0.88		
802	10979.70	46277.25	16.74	1.11		
803	29748.00	46387.05	14.97	1.48		
804	43523.10	46479.45	13.39	1.68		
805	43081.00	46514.10	13.62	1.11		
806	14655.15	46523.70	13.47	0.95		
807	33788.80	46686.90	12.79	0.08		
808	30009.15	46717.05	16.87	0.99		
809	13093.50	46866.75	16.33	1.19		
810	21443.40	46910.25	13.23	1.93		
811	17163.15	46904.10	13.22	0.76		
812	32795.85	47053.65	13.16	0.93		
813	41197.05	47077.95	16.80	1.07		
814	33786.35	47218.65	13.05	1.84		
815	49089.45	47229.00	13.68	1.08		
816	9802.05	47211.60	13.68	1.36		
817	27780.45	47336.50	11.80	-0.12		
818	35781.60	47678.25	13.76	1.45		
819	12239.80	47668.20	16.29	1.62		
820	8323.95	47672.70	13.81	0.91		
821	33401.75	47774.95	13.61	1.53		
822	7001.35	47774.80	14.97	1.36		
823	39807.10	48068.35	16.15	1.12		
824	21197.85	48091.50	16.37	1.62		
825	19292.85	48172.95	16.11	1.45		
826	55063.35	48317.25	16.00	1.95		
827	41057.85	48308.40	15.77	2.08		
828	47730.15	48336.60	15.95	1.66		
829	48050.25	48372.15	16.80	0.82		
830	6024.00	48318.60	15.39	1.84		
831	43428.45	48393.45	15.72	0.84		
832	8384.10	48342.15	15.87	1.92		
833	52517.85	48413.10	15.55	1.28		
834	50096.25	48453.30	15.27	1.10		
835	18353.25	48426.00	15.68	1.60		
836	2561.25	48396.90	14.26	1.35		
837	11335.95	48438.15	16.92	1.02		
838	42344.25	48601.35	15.40	0.92		
839	13840.80	48619.50	16.26	0.82		
840	37071.15	48734.65	16.43	1.51		
841	43921.35	48794.10	15.14	1.92		
842	4210.50	48803.85	15.20	1.03		
843	43132.35	48945.15	16.22	0.94		
844	8828.70	48907.35	16.39	1.02		
845	20664.45	48929.55	15.38	1.84		
846	13504.05	48927.75	15.80	0.92		
847	10786.05	48978.45	13.69	1.76		
848	26412.15	49014.30	14.19	0.76		
849	53080.65	49110.75	16.13	1.69		
850	41317.60	49121.10	15.74	1.69		
851	2258.85	49098.45	15.71	1.82		
852	45367.35	49302.60	16.45	1.27		
853	23777.70	49292.40	16.14	0.89		
854	48962.55	49366.65	16.15	0.88		
855	34282.05	49406.40	15.73	1.47		
856	52506.90	49445.10	16.79	1.11		
857	26289.75	49396.95	16.01	1.78		
858	49273.45	49536.70	16.22	0.99		
859	35320.65	49705.80	16.36	0.91		
860	30172.05	49739.25	15.14	0.96		
861	39303.00	49822.95	16.14	1.38		
862	11604.90	49772.85	15.44	1.83		
863	24381.30	49793.55	16.43	1.35		
864	42423.60	49836.45	14.71	0.73		
865	9247.65	49820.55	16.07	1.31		
866	21038.10	49829.25	15.90	1.35		
867	25540.05	49839.60	15.15	0.68		
868	60292.95	49995.75	15.72	1.48		
869	9866.85	50063.85	15.40	1.70		
870	9467.55	50080.65	17.03	0.96		
871	46535.25	50236.80	15.47	0.91		
872	27883.05	50253.75	16.42	0.77		
873	36351.45	50253.60	17.09	0.89		
874	49624.95	50292.75	15.07	0.98		
875	48475.35	50381.25	16.55	0.83		
876	12769.80	50368.80	15.44	1.28		
877	57330.15	50410.80	16.93	0.93		
878	12228.60	50336.55	15.73	1.68		
879	39911.25	50448.30	15.31	0.71		
880	9732.90	50403.15	15.87	1.32		
881	25625.10	50547.15	16.29	0.92		
882	50477.70	50584.50	15.61	1.74		
883	21134.70	50563.00	16.45	1.42		
884	22058.10	50586.75	13.69	0.36		
885	36295.00	50674.20	16.38	1.24		
886	31465.35	50635.80	17.35	0.59		
887	29252.85	50630.40	15.38	0.92		
888	36860.20	50732.85	14.97	0.79		
889	6665.55	50718.15	15.69	0.91		
890	45460.80	50945.40	15.71	1.03		
891	44841.45	50953.50	15.40	0.81		
892	53744.55	51007.50	16.16	1.45		
893	31858.90	50990.70	16.12	0.84		
894	49838.55	51105.90	14.67	1.57		
895	32673.45	51101.85	16.37	1.17		
896	21699.45	51165.45	16.31	1.53		
897	35659.45	51230.80	16.11	1.40		
898	11290.65	51182.55	13.50	0.85		
899	20764.80	51249.00	15.27	0.98		
900	24661.50	51358.95	15.28	2.14		

SECTION 1 cont.

901	54494.70	51410.85	12.67	1.20
902	31094.25	51434.85	14.85	0.93
903	22099.50	51482.25	15.28	1.17
904	26690.70	51504.90	14.91	1.86
905	18264.60	51547.30	14.92	1.88
906	36389.20	51597.60	14.33	1.47
907	49782.15	51763.35	13.12	0.84
908	12919.05	51718.20	16.69	0.39
909	21529.35	51789.90	15.29	1.15
910	5444.25	51779.85	15.68	1.15
911	26722.50	51931.15	14.62	0.79
912	52015.50	52019.10	16.48	1.43
913	59713.80	52044.60	14.63	0.81
914	3977.25	51995.25	15.78	1.79
915	28044.30	52060.05	16.77	0.42
916	22904.10	52070.40	15.27	1.92
917	1812.30	52038.90	14.39	1.74
918	18731.10	52092.00	14.33	1.49
919	53365.90	52192.95	13.81	1.84
920	31501.80	52164.75	16.79	1.03
921	53137.20	52214.55	13.82	1.59
922	13867.60	52289.85	14.67	1.79
923	59900.55	52371.00	15.13	1.97
924	47663.55	52386.60	15.83	1.06
925	10582.35	52361.40	15.11	1.88
926	41170.80	52475.85	16.27	1.69
927	4616.25	52427.40	16.21	1.61
928	18305.40	52507.80	16.35	1.31
929	1008.00	52370.50	16.67	1.08
930	8951.10	52611.30	16.33	1.08
931	12762.75	52650.60	16.61	0.96
932	38284.75	52693.90	16.32	1.44
933	30275.10	52769.85	15.39	1.82
934	2433.70	52737.90	15.24	1.20
935	58688.55	52848.15	16.12	0.98
936	6089.85	52784.55	15.07	1.25
937	31092.60	52848.00	13.82	2.12
938	58068.00	52921.80	14.72	0.80
939	21805.35	52900.05	16.12	1.16
940	9384.50	52880.25	16.43	1.35
941	7819.20	52901.55	16.02	1.69
942	34780.80	52978.20	13.26	1.40
943	10137.10	52941.30	16.72	0.89
944	44419.00	53049.25	14.90	1.21
945	7213.85	53021.85	16.32	1.22
946	43302.80	53143.50	16.14	1.34
947	24824.70	53122.95	15.79	1.52
948	29301.25	53150.40	16.82	0.94
949	46154.10	53381.55	16.01	1.63
950	30794.80	53294.60	16.44	0.95
951	36389.35	53370.75	15.72	2.04
952	22790.55	53404.95	15.24	1.50
953	34628.85	53423.85	15.88	1.90
954	60073.45	53524.50	13.86	0.58
955	21788.85	53446.35	15.68	0.98
956	7611.00	53520.30	15.90	1.61
957	53393.80	53653.25	16.01	1.73
958	52606.05	53668.35	16.99	0.96
959	40079.55	53691.30	15.41	1.84
960	55923.60	53728.35	16.41	1.25
961	18325.50	53729.45	11.50	0.44
962	5922.00	53712.45	14.82	0.70
963	25966.65	53763.75	16.26	1.57
964	40710.45	54077.25	16.07	1.56
965	25373.85	54080.40	16.32	1.59
966	52061.10	54153.60	15.18	1.80
967	34230.70	54189.45	14.29	1.78
968	9206.25	54151.65	16.08	1.62
969	38635.45	54367.35	16.24	0.62
970	29931.00	54422.25	14.85	0.79
971	2243.25	54448.65	15.78	1.96
972	2619.90	54518.25	16.30	1.36
973	54457.05	54915.15	15.24	0.82
974	42137.70	55046.25	15.68	2.13
975	5956.20	55042.05	15.15	0.75
976	28599.45	55085.40	16.27	1.58
977	24402.90	55167.00	15.67	2.03
978	35133.00	55216.80	16.38	0.88
979	26738.25	55203.90	16.61	1.08
980	12194.10	55259.55	16.41	1.24
981	13457.55	55294.80	16.27	0.96
982	1215.90	55334.25	14.80	1.89
983	43673.40	55429.20	16.43	0.99
984	13028.10	55393.20	14.29	1.74
985	31348.20	55466.70	15.23	1.01
986	25093.65	55467.60	15.59	0.72
987	56096.10	55595.40	15.78	1.09
988	13041.30	55692.30	16.27	0.93
989	55737.90	55772.25	15.64	1.12
990	60132.10	55838.40	16.66	1.32
991	60932.65	55915.35	14.67	0.66
992	42077.40	56026.50	14.73	1.93
993	6222.75	56029.50	15.90	1.73
994	19787.70	56047.65	17.68	0.21
995	51294.75	56143.95	16.36	1.40
996	31262.25	56164.20	16.01	1.87
997	4629.15	56189.55	14.65	1.59
998	23403.60	56238.70	16.37	1.28
999	16434.15	56284.80	15.32	1.68
1000	38510.25	56326.95	16.56	0.93
1001	9310.90	56310.45	17.03	0.52
1002	19366.65	56358.60	15.79	1.52
1003	47156.85	56409.75	16.66	1.07
1004	51689.85	56496.60	17.15	0.43
1005	15104.85	56474.40	17.09	0.74
1006	6044.25	56471.55	16.16	1.48
1007	41431.50	56570.70	16.18	1.55
1008	3344.35	56515.80	17.59	0.26
1009	54302.80	56719.95	15.72	1.99
1010	36317.65	56712.45	16.37	1.54
1011	8780.85	56667.45	16.89	0.81
1012	43531.05	56826.30	15.15	2.12
1013	10948.95	56846.55	15.84	1.68
1014	7433.40	56868.30	16.79	0.72
1015	60026.55	56959.20	15.12	2.18
1016	41754.15	56943.00	15.54	1.63
1017	19822.65	57153.30	15.02	1.49
1018	37122.75	57245.55	16.76	0.91
1019	38360.70	57412.50	16.28	1.40
1020	20821.50	57388.80	15.52	2.25
1021	16425.60	57396.60	14.63	0.77
1022	43432.30	57493.20	14.80	1.90
1023	30526.50	57524.25	15.83	1.74
1024	4800.75	57487.50	14.22	0.31
1025	54234.60	57626.10	12.94	0.43
1026	52393.05	57638.10	16.79	0.90
1027	43223.20	57644.40	16.84	1.02
1028	13988.20	57726.30	15.69	1.70
1029	2632.05	57821.40	14.99	1.94
1030	36604.65	57889.20	15.72	1.31
1031	32203.65	57921.75	13.94	0.31
1032	26430.30	58029.30	12.05	0.06
1033	30810.45	58199.85	13.13	1.93
1034	43163.35	58252.20	15.26	1.49
1035	11286.15	58245.00	16.39	1.30
1036	11643.15	58306.95	16.63	1.28
1037	10086.00	58299.60	16.49	1.11
1038	1197.60	58285.80	15.92	1.41
1039	23177.25	58329.00	14.81	2.11
1040	3604.20	58326.15	16.25	1.65
1041	55610.40	58410.45	13.67	1.90
1042	17669.55	58378.65	16.15	1.61
1043	15193.45	58509.15	13.46	1.43
1044	44996.10	58579.50	16.62	1.27
1045	17307.30	58548.60	16.29	0.87
1046	21071.40	58763.85	16.33	0.88
1047	55735.35	58878.75	15.93	1.99
1048	28879.80	58902.15	13.23	1.05
1049	9908.25	58921.25	13.42	1.93
1050	38712.75	59016.30	16.31	1.04
1051	11055.30	59046.15	15.76	2.00
1052	13875.90	59091.45	13.66	1.51
1053	29529.30	59240.70	14.42	0.78
1054	20924.85	59237.85	17.26	0.49
1055	23290.50	59238.00	15.52	1.24
1056	6463.30	59228.25	13.70	1.56
1057	3381.65	59229.60	16.34	0.64
1058	37758.00	59363.80	15.10	1.97
1059	45380.35	59332.90	16.01	1.84
1060	45635.35	59668.95	15.38	1.83
1061	23939.15	59671.20	14.49	0.67
1062	27746.85	59724.00	15.95	2.03
1063	17928.45	59712.90	15.39	1.68
1064	3730.05	59879.40	16.75	1.07
1065	35471.25	60071.25	15.92	2.03
1066	34894.05	60097.80	15.84	1.88
1067	34534.30	60197.70	16.02	1.80
1068	43298.50	60239.70	14.87	0.87
1069	11898.75	60261.30	16.05	1.55
1070	55824.45	60417.75	15.79	1.97
1071	57001.35	60427.20	16.79	1.12
1072	26345.00	60482.95	16.37	0.77
1073	42281.15	60567.25	16.58	1.23
1074	48125.55	60592.35	16.03	1.90
1075	36752.15	60601.75	16.70	1.22
1076	27960.15	60666.15	14.62	1.65
1077	33988.85	60696.85	15.32	1.74

SECTION 2

1	33975.15	60714.30	15.36	1.73
2	1456.55	60634.40	16.60	1.38
3	902.10	60693.60	16.94	0.88
4	25891.80	60737.35	15.88	1.45
5	41319.20	60793.15	14.92	0.93
6	13213.10	60761.95	16.08	0.76
7	8013.40	60821.85	15.87	0.97
8	30432.35	60901.20	16.80	1.01
9	40232.25	61038.85	16.47	1.28
10	21313.95	61026.40	16.36	1.46
11	32982.30	61103.65	15.74	1.97
12	4265.00	61103.80	15.82	0.93
13	34423.00	61203.20	16.44	1.43
14	44975.75	61193.80	16.08	1.76
15	25273.70	61203.50	15.68	1.47
16	4836.50	61213.45	17.06	0.84
17	46109.15	61384.45	16.02	1.82
18	17362.25	61356.40	15.43	1.01
19	12270.80	61429.00	12.44	0.05
20	7283.35	61511.65	15.01	1.49
21	22064.60	61618.90	15.74	0.92
22	29360.30	61662.10	14.15	1.46
23	34494.15	61681.30	15.79	1.86
24	35113.85	61774.60	15.90	1.12
25	42809.15	61790.95	16.77	0.88
26	37499.60	61804.30	16.82	1.03
27	11216.15	61953.35	15.89	1.75
28	24208.25	61980.10	13.27	1.22
29	36606.75	62060.35	15.29	1.97
30	13471.10	62124.70	16.02	1.89
31	37505.45	62176.00	15.66	1.86
32	6202.85	62129.05	14.98	1.18
33	2111.45	62171.35	15.86	1.85
34	14719.25	62186.50	14.45	1.68
35	30370.80	62275.90	13.95	1.64
36	34238.55	62379.55	15.09	1.79
37	7913.00	62316.55	14.42	1.65
38	8298.65	62334.20	14.88	1.92
39	37923.95	62429.35	16.07	1.28
40	39364.55	62426.80	16.62	1.33
41	20275.55	62402.20	16.07	1.89
42	33032.30	62447.35	15.50	1.80
43	31482.15	62523.85	14.03	0.93
44	7056.35	62489.95	15.94	1.69
45	44186.45	62586.40	15.39	1.70
46	22433.30	62567.65	13.79	2.18
47	11843.10	62621.80	16.50	1.37
48	32258.60	62696.05	16.39	1.36
49	41260.25	62724.10	15.93	1.25
50	34036.80	62779.60	15.40	0.97
51	32947.80	62853.70	16.31	0.62
52	4079.00	62781.25	16.94	1.02
53	15628.35	62844.55	16.13	1.63
54	47336.60	62997.10	13.78	0.33
55	11354.45	63034.15	14.73	1.34
56	38032.40	63289.60	13.28	1.90
57	4731.05	63262.75	16.27	1.03
58	36104.85	63474.85	13.36	2.20
59	45938.75	63504.25	16.07	1.80
60	37645.35	63519.85	14.43	0.85
61	17816.00	63906.20	16.38	1.53
62	36881.40	63936.30	13.63	1.97
63	4474.40	63573.85	16.25	1.59
64	43143.95	63737.95	14.96	1.50
65	36931.55	63777.40	16.15	1.53
66	20567.15	63796.45	13.68	2.05
67	17894.75	63825.35	16.90	1.02
68	31621.85	63976.00	13.86	1.79
69	44617.70	64006.15	16.55	0.70
70	40116.90	64034.30	13.79	2.06
71	40887.65	64041.70	14.42	1.65
72	36022.85	64074.35	13.05	1.30
73	13984.65	64058.35	16.19	1.34
74	31301.05	64137.50	16.67	0.94
75	12673.05	64109.05	14.89	1.73
76	39230.75	64231.30	13.97	1.38
77	17118.20	64231.30	15.71	1.90
78	48114.50	64293.65	14.72	2.03
79	40447.80	64386.85	16.01	1.58
80	30485.75	64387.90	13.72	0.89
81	38844.35	64395.85	14.71	1.78
82	37321.50	64426.00	14.99	1.99
83	8382.00	64417.60	16.56	0.81
84	36651.20	64475.35	15.79	1.53
85	28034.90	64480.45	15.43	1.71
86	28629.55	64489.00	16.14	1.33
87	38380.80	64547.20	14.65	1.14
88	2545.25	64546.75	16.71	0.76
89	11236.10	64615.15	15.53	0.69
90	17464.25	64624.45	16.86	0.62
91	33980.15	64667.05	16.47	1.23
92	32000.40	64728.25	15.54	1.56
93	47182.25	64778.50	15.75	1.39
94	45810.80	64883.80	16.57	1.42
95	31639.50	64931.50	16.72	1.02
96	41856.35	64980.85	16.35	1.02
97	5045.45	64933.45	15.37	1.98
98	26370.80	63099.35	16.18	1.08
99	47289.20	63124.35	15.04	1.94
100	44537.75	63331.85	14.60	0.82
101	16902.65	63425.75	14.89	2.06
102	36323.40	63494.45	16.32	1.52
103	39306.45	63527.30	16.08	1.52
104	32020.65	63629.25	13.37	0.93
105	34515.00	63644.85	14.60	1.94
106	42310.50	63793.40	16.37	0.84
107	2527.10	63968.00	14.67	1.43
108	31887.45	64048.70	16.05	1.30
109	1744.85	64011.05	15.82	1.39
110	16423.85	64039.55	15.25	1.09
111	17017.70	64126.40	15.62	0.98
112	40632.15	64250.30	15.49	1.83
113	35118.60	64263.30	14.93	1.41
114	46198.55	64302.95	15.64	1.31
115	6824.60	64265.60	16.26	1.14
116	29378.20	64357.35	14.24	0.83
117	49834.50	64417.85	15.75	1.10
118	2234.60	64421.15	16.55	1.42
119	11871.35	64518.65	15.99	1.65
120	32381.70	64585.70	15.39	1.46
121	42734.70	64644.20	16.84	0.99
122	35380.10	64702.70	15.90	1.41
123	47127.05	64775.00	16.65	1.12
124	8916.65	64720.10	16.33	1.46
125	19446.20	64819.10	15.70	1.04
126	9170.75	64825.70	16.92	0.51
127	40367.75	64912.85	15.65	1.25
128	43393.35	64994.60	15.78	1.46
129	23224.95	64972.35	14.96	2.01
130	39352.95	64996.85	15.44	2.01
131	9339.35	67062.35	16.27	1.61
132	41909.15	67134.95	15.19	1.60
133	10739.90	67130.65	16.06	1.22
134	30026.00	67172.70	16.40	1.30
135	23492.30	67294.35	16.17	1.62
136	33882.65	67330.10	16.85	0.96
137	35811.35	67329.35	15.13	1.71
138	10434.80	67493.20	16.32	1.03
139	2237.60	67351.70	16.42	0.98
140	29980.40	67620.70	15.97	0.83
141	44679.30	67620.35	15.74	1.89
142	37839.20	67689.65	15.00	1.30
143	22021.25	67666.00	15.04	1.39
144	30902.30	67714.00	16.38	0.80
145	42928.35	67774.30	16.93	0.99
146	14284.10	67730.05	15.92	1.42
147	12684.80	67743.70	15.86	1.92
148	37500.00	67822.75	17.21	0.32
149	40908.00	67803.40	14.36	0.43
150	28775.30	67879.30	16.36	1.20
151	38747.40	67943.05	15.74	1.13
152	4402.10	67918.30	16.34	0.91
153	9862.70	67928.95	16.97	0.35
154	18996.95	67987.90	15.30	0.81
155	26996.60	68020.30	15.96	1.60
156	25590.20	68031.40	16.77	1.03
157	7210.10	68018.65	14.77	1.26
158	10556.75	68051.95	15.62	1.11
159	23315.30	68116.45	16.10	1.50
160	6546.20	68092.00	15.64	1.45
161	39898.25	68180.80	16.41	0.78
162	42471.95	68190.40	15.05	1.74
163	10122.30	68296.60	15.78	0.84
164	39136.80	68349.80	16.26	1.63
165	49489.40	68452.45	15.65	1.79
166	30683.75	68454.40	15.26	1.58
167	42985.10	68503.15	15.89	1.93
168	36213.95	68585.20	16.87	0.80
169	13212.65	68608.60	13.73	1.86
170	31409.10	68683.45	15.77	1.73
171	18693.05	68636.30	16.27	0.63
172	22242.65	68712.70	16.26	1.34
173	15113.15	68698.90	16.96	0.88
174	40784.60	68758.15	14.71	1.63
175	40734.15	68802.55	16.25	1.21
176	3487.40	68794.15	15.96	1.66
177	30465.75	68965.90	15.95	1.98
178	11765.90	68921.50	15.93	1.75
179	5263.85	68969.80	16.75	0.97
180	46188.05	69087.40	16.78	0.83
181	24208.55	69105.25	16.33	1.33
182	32416.80	69153.10	16.36	1.06
183	37499.60	69127.00	14.95	1.84
184	7632.90	69135.05	15.81	0.97
185	48715.85	69217.15	16.47	1.38
186	36114.20	69269.65	15.17	0.88
187	22337.35	69262.00	15.80	1.94
188	30035.20	69338.20	16.02	1.86
189	43522.25	69330.35	16.28	1.39
190	12296.15	69307.45	15.34	1.98
191	3275.75	69313.60	16.06	1.41
192	25337.60	69359.65	16.02	1.99
193	39460.05	69432.70	14.31	1.83
194	20782.10	69503.20	14.53	1.93
195	28965.35	69547.30	16.04	1.72
196	34036.00	69649.90	15.62	1.64
197	42377.35	69631.90	16.14	1.39
198	48383.70	69695.05	16.71	1.15
199	26342.85	69691.15	15.90	1.72
200	31707.95	69733.60	16.74	0.93
201	1906.25	69677.20	16.08	1.80
202	37141.95	69782.50	15.95	0.88
203	40128.20	69786.55	14.29	1.40
204	8109.65	69766.30	15.32	1.93
205	40929.30	69919.45	15.50	1.69
206	32252.30	69893.50	16.30	1.55
207	10971.30	69865.30	14.23	1.30
208	18227.60	69983.95	15.88	2.09
209	31736.15	70020.25	15.70	0.80
210	11542.25	70038.10	15.50	1.79
211	35001.65	70226.65	14.88	0.95
212	28998.65	70279.75	16.11	1.22
213	39948.00	70339.00	16.13	1.79
214	29822.30	70397.95	14.89	1.43
215	14718.20	70375.45	15.56	1.42
216	3232.05	70449.40	15.30	1.06
217	31128.80	70545.10	16.21	1.18
218	24177.05	70528.90	15.72	2.03
219	8642.60	70549.90	14.22	0.79
220	14011.70	70581.85	15.07	1.42
221	48025.85	70634.15	15.86	1.44
222	32544.35	70646.05	14.03	0.16
223	6628.10	70645.15	14.52	1.63
224	17623.40	70674.55	15.54	1.79
225	6038.00	70776.25	14.48	1.21
226	33940.25	70823.80	15.02	1.94
227	43316.75	70852.90	15.82	2.04
228	35663.90	70915.30	16.37	1.46
229	5076.80	70972.60	15.77	0.89
230	21319.85	71032.15	14.34	1.25
231	2933.15	71084.95	16.29	1.67
232	23491.10	71161.30	17.19	0.61
233	46383.20	71215.30	15.31	1.57
234	40934.45	71210.05	16.20	1.66
235	38929.25	71265.70	15.37	2.07
236	25765.10	71327.65	16.56	1.32
237	28313.60	71403.55	15.10	2.01
238	17225.90	71435.35	16.12	1.57
239	42086.00	71533.60	16.18	1.72
240	39162.65	71598.25	15.82	1.30
241	36731.75	71620.60	17.21	0.48
242	13672.70	71625.85	14.39	0.17
243	44882.90	71671.30	14.35	1.94
244	8824.25	71642.95	16.09	1.74
245	34454.75	71731.60	16.36	1.22
246	1914.80	71669.50	16.44	1.48
247	26126.15	71730.10	16.31	0.74
248	31371.05	71770.90	15.44	1.44
249	49814.30	71832.10	15.53	1.64
250	29754.05	71887.00	15.70	2.13
251	18279.05	71945.50	15.94	1.61
252	34473.00	72002.65	16.72	0.82
253	6126.95	72229.80	16.11	1.14
254	27957.50	72280.60	16.31	1.43
255	35809.95	72336.10	16.64	0.79
256	36570.00	72360.70	15.77	1.58
257	9143.75	72299.65	16.23	0.99
258	34544.70	72461.05	14.63	1.74
259	3946.70	72401.95	15.83	1.40
260	38924.10	72535.00	15.74	0.99
261	31213.95	72636.35	16.99	0.92
262	47423.00	72644.20	13.44	1.71
263	35037.80	72686.05	15.29	1.53
264	33496.70	72799.75	14.63	1.14
265	7776.95	72866.95	16.99	0.89
266	43110.95	72999.70	15.68	1.99
267	15826.40	73150.45	15.71	1.12
268	5339.15	73208.50	16.08	1.91
269	26224.10	73267.00	16.38	1.41
270	33136.00	73383.85	15.97	1.91
271	11231.75	73352.50	15.97	1.88
272	31847.20	73458.40	14.38	1.42
273	34675.20	73502.80	13.75	1.78
274	25319.45	73604.30	15.84	1.05
275	49709.30	73660.45	16.61	1.00
276	17672.45	73783.55	13.92	0.45
277	33355.05	73978.15	16.58	1.40
278	34643.00	73998.10	15.87	0.76
279	37827.45	74242.15	15.42	0.92
280	5901.35	74201.65	15.49	1.48
281	40497.80	74296.00	15.81	1.74
282	19097.75	74269.15	16.13	1.72
283	24703.35	74290.45	16.43	0.99
284	25348.35	74365.00	13.81	1.64
285	41614.85	74462.80	16.21	1.60
286	1736.30	74440.45	14.52	1.69
287	22809.65	74520.55	15.43	1.35
288	18922.55	74532.55	15.34	1.92
289	20069.75	74561.30	15.82	1.96
290	39617.00	74590.60	14.34	1.63
291	49596.95	74700.85	16.44	1.34
292	12931.40	74646.10	15.65	2.03
293	35573.45	74773.90	15.53	1.97
294	31449.20	74956.00	16.73	1.24
295	24158.15	75098.80	10.02	0.73
296	32577.45	75163.90	16.43	1.54
297	5982.35	75097.15	14.92	0.99
298	8674.10	75124.15	15.75	1.20
299	12838.70	75218.30	17.02	0.95
300	11664.30	75230.80	15.84	1.49

SECTION 2 cont.

301	20827.85	75295.90	16.93	0.65
302	3498.50	75313.40	16.77	1.13
303	50624.90	75478.45	13.92	0.66
304	53006.15	75310.95	13.96	1.46
305	48022.40	75670.75	13.00	1.82
306	57114.80	75692.65	13.69	1.36
307	27215.60	75803.00	14.79	0.90
308	7957.25	75779.50	13.18	1.63
309	20984.85	75811.30	16.25	1.35
310	10771.10	75812.20	13.07	1.91
311	47137.95	75883.75	16.27	0.65
312	42503.60	75894.40	13.82	1.57
313	47632.70	76021.60	16.30	1.47
314	15313.55	75982.30	14.71	1.98
315	34182.80	76061.05	13.62	1.71
316	3376.80	76139.00	16.13	1.85
317	21353.15	76242.35	14.94	2.21
318	26345.30	76340.80	13.92	1.35
319	14032.10	76335.25	16.88	1.01
320	39253.35	76394.35	13.04	1.42
321	32544.35	76434.25	13.64	0.97
322	3866.70	76341.95	13.90	1.42
323	38745.50	76466.15	13.89	0.58
324	22095.50	76468.85	13.80	0.42
325	53308.55	76784.20	16.36	1.39
326	32749.50	76825.15	16.36	1.03
327	37781.60	76874.20	16.41	1.12
328	28094.10	76862.05	16.36	1.02
329	23119.10	76898.80	13.69	1.90
330	881.75	76881.25	13.87	2.08
331	23952.95	77036.50	16.57	1.41
332	39245.25	77275.30	13.12	1.94
333	45354.95	77423.65	13.17	1.03
334	36176.25	77434.10'	13.84	1.39
335	15671.45	77414.35	16.05	0.81
336	29370.10	77584.30	16.26	1.61
337	34850.75	77641.30	13.98	0.91
338	49419.20	77686.15	16.08	0.92
339	30069.80	77693.75	13.78	2.17
340	4651.85	77753.50	13.50	1.82
341	43725.95	77909.95	13.57	1.01
342	32942.00	77933.70	13.94	1.96
343	39901.80	77991.35	16.76	0.92
344	33923.15	77951.35	16.51	1.13
345	3589.55	77976.70	13.50	1.67
346	23199.80	78027.60	14.34	1.48
347	14941.40	78069.10	16.50	1.23
348	14419.25	78079.30	13.64	1.55
349	1611.30	78084.35	14.13	0.47
350	32919.95	78302.80	13.82	2.01
351	47202.20	78389.35	13.80	0.81
352	43789.40	78437.00	13.60	1.11
353	38316.20	78573.35	13.68	1.38
354	17743.70	78633.95	13.15	0.37
355	28491.90	78671.05	14.57	0.80
356	2818.25	78840.70	13.66	1.13
357	34003.80	78913.70	13.64	2.05
358	46292.75	78929.05	16.10	1.63
359	32881.95	78953.05	17.04	0.86
360	16111.85	78979.45	10.98	0.37
361	38380.55	78997.00	16.50	1.23
362	29678.75	79017.35	13.73	1.67
363	24958.85	79027.45	14.09	1.31
364	39868.95	79126.15	16.04	1.13
365	44683.40	79136.05	14.85	0.73
366	49352.75	79132.35	13.16	1.37
367	26929.15	79127.05	16.74	0.74
368	37685.45	79158.40	13.82	1.97
369	45839.15	79244.95	16.26	1.38
370	37428.00	79292.50	16.73	1.07
371	31943.90	79384.15	16.51	1.38
372	38643.60	79483.30	16.37	1.32
373	43055.15	79459.15	14.44	0.78
374	3326.30	79477.45	16.26	1.48
375	12108.80	79492.30	13.71	1.67

376	33004.40	79540.30	13.68	1.12
377	30376.95	79600.45	16.34	1.08
378	47214.95	79611.25	16.16	1.05
379	34343.10	79634.35	16.39	1.06
380	43271.70	79639.60	13.19	1.74
381	38032.70	79720.15	16.74	1.16
382	21339.60	79704.40	13.74	0.98
383	45447.20	79798.75	16.74	0.79
384	20482.35	79886.50	13.72	0.85
385	3492.80	79941.70	13.63	2.11
386	33144.65	80073.10	14.32	1.51
387	34538.45	80125.00	16.19	1.14
388	29546.00	80100.55	16.48	0.90
389	13200.95	80093.65	13.14	0.81
390	9523.80	80236.90	16.77	1.13
391	34673.05	80349.95	13.72	1.18
392	45915.00	80363.65	16.37	1.40
393	27537.50	80379.25	16.16	1.68
394	1331.30	80466.55	13.71	1.50
395	30608.70	80608.75	16.77	1.03
396	34292.10	80624.20	16.30	1.03
397	49625.75	80634.20	16.02	1.83
398	32547.35	80673.25	16.73	1.15
399	33043.25	80689.45	13.45	1.49
400	60314.10	81008.35	12.13	0.02
401	39253.55	80953.90	13.36	1.90
402	30026.60	80963.80	13.51	1.74
403	47392.40	81074.05	16.49	1.37
404	44320.35	81108.10	13.32	1.67
405	26084.60	81124.15	13.39	0.98
406	1236.50	81115.00	13.74	0.96
407	35048.85	81236.05	16.45	1.30
408	49340.45	81251.95	13.45	0.75
409	28742.90	81241.30	13.84	1.93
410	6317.40	81263.20	13.27	1.61
411	24108.20	81329.65	16.05	1.76
412	43921.25	81372.10	13.67	1.85
413	32952.45	81423.70	16.12	1.32
414	36727.70	81435.25	16.71	1.18
415	5681.15	81469.45	16.51	0.94
416	27536.40	81561.70	13.92	0.97
417	18241.25	81566.05	16.06	1.06
418	23919.00	81623.50	14.24	1.35
419	51632.75	81720.10	13.83	2.06
420	13575.30	81827.95	16.98	0.90
421	38289.65	81859.15	17.45	0.19
422	35130.65	81836.15	13.43	0.88
423	33992.75	82008.85	16.56	0.96
424	34701.60	82131.80	16.40	1.39
425	43292.75	82220.65	14.25	0.30
426	24516.65	82228.90	16.46	0.84
427	48313.85	82346.20	13.97	1.03
428	49049.10	82387.15	16.73	1.13
429	37984.25	82414.60	16.43	1.86
430	22067.45	82406.05	13.43	0.38
431	16207.10	82591.75	14.38	1.57
432	21446.45	82622.65	13.24	1.94
433	24765.35	82649.95	17.04	0.89
434	36323.70	82706.20	13.84	1.57
435	36068.15	82729.60	16.28	1.67
436	26447.90	82726.15	16.08	0.93
437	43755.65	82818.40	16.07	1.05
438	45264.35	82815.10	16.69	1.20
439	38313.90	82900.90	14.08	1.82
440	26330.75	82988.35	16.09	1.72
441	34617.95	83060.80	11.39	1.67
442	46208.30	83096.80	17.01	0.62
443	13438.70	83228.50	14.80	1.51
444	23018.75	83240.80	13.22	1.74
445	40978.70	83310.70	16.33	1.00
446	28312.70	83312.00	13.89	0.97
447	23490.65	83342.15	13.34	1.07
448	34834.30	83620.15	13.34	1.57
449	39375.30	83671.00	16.04	1.20
450	36033.80	83767.90	16.38	0.98

451	10796.90	83761.60	13.82	0.93
452	38193.00	83942.20	14.73	1.27
453	39800.55	83956.10	16.92	1.02
454	21630.30	83887.00	16.55	1.41
455	26127.95	84007.15	16.69	1.06
456	19188.20	84111.10	13.64	1.39
457	13092.05	84175.60	13.16	0.75
458	44729.25	84252.40	16.12	1.56
459	2645.15	84408.40	17.12	0.82
460	34012.25	84495.70	13.98	0.34
461	40581.30	84570.40	13.96	1.31
462	23234.15	84578.50	14.60	0.48
463	21566.45	84612.70	16.63	1.27
464	26276.15	84628.90	16.29	1.15
465	26160.50	84647.20	16.94	0.81
466	2278.40	84623.20	17.47	0.15
467	45083.60	84744.10	13.33	1.62
468	47531.45	84770.80	16.12	1.41
469	33011.75	84784.45	16.22	1.39
470	22187.00	84766.45	16.35	0.98
471	31424.00	84805.90	13.36	0.76
472	43627.35	84905.50	16.61	1.08
473	33269.90	84968.20	13.93	1.65
474	34482.40	85054.60	13.23	0.96
475	44328.60	85234.45	16.13	1.47
476	23300.00	85269.85	17.10	0.61
477	20783.15	85275.70	16.90	0.95
478	10135.70	85367.20	13.44	0.83
479	9031.95	85511.35	13.39	1.09
480	22814.15	85735.90	13.77	1.93
481	37954.55	85754.65	13.30	2.05
482	25043.45	85736.65	14.12	1.80
483	17372.00	85744.75	13.33	1.77
484	37437.95	85809.55	14.37	0.56
485	4536.45	85813.45	16.16	1.51
486	27793.35	85903.40	16.78	0.84
487	5706.20	85980.35	16.04	1.32
488	37945.35	86232.85	13.65	2.00
489	35913.75	86238.70	16.76	1.05
490	38375.35	86450.95	13.03	2.10
491	30481.10	86481.25	16.76	1.14
492	39954.20	86568.70	16.11	1.29
493	45332.35	86564.95	14.38	0.87
494	49734.15	86667.85	16.08	1.35
495	13318.25	86649.85	13.82	1.42
496	34510.80	86725.75	13.06	1.77
497	9482.75	86879.25	14.04	0.33
498	31350.80	86794.90	13.39	0.88
499	46888.85	86870.50	16.54	0.97
500	2816.90	86898.40	14.41	0.62
501	16809.35	86961.35	16.84	0.99
502	30310.05	87023.30	13.78	2.24
503	22412.00	86975.30	16.37	0.84
504	45637.85	87056.35	13.62	0.83
505	34611.75	87161.65	16.02	1.37
506	8647.85	87166.45	13.39	1.06
507	16710.20	87186.10	14.78	1.43
508	38393.10	87312.85	17.28	0.38
509	48289.70	87303.35	16.35	1.45
510	13117.80	87286.90	13.84	1.96
511	46396.20	87478.30	13.45	1.93
512	32277.60	87511.60	16.18	1.03
513	21776.30	87506.80	16.33	1.65
514	34429.35	87550.30	13.33	1.16
515	35512.05	87662.65	13.77	2.23
516	36982.70	87701.80	16.10	1.46
517	40244.60	87711.35	17.02	0.85
518	43501.35	87758.95	14.69	1.79
519	21255.50	87731.05	15.31	1.85
520	17828.60	87758.65	15.70	0.81
521	24943.40	87779.80	16.57	1.38
522	11265.65	87768.85	15.62	0.88
523	59417.15	87853.30	16.22	0.65
524	17356.40	87780.35	14.80	1.85
525	47785.25	87832.90	16.10	1.27

526	24140.30	87873.70	16.53	0.95
527	4860.50	87849.10	14.26	1.47
528	35767.40	87918.40	13.34	1.75
529	16613.60	88083.40	16.34	1.48
530	42927.05	88331.95	16.65	1.02
531	14837.30	88357.00	16.51	1.38
532	13673.75	88480.75	16.60	1.20
533	31678.55	88503.70	13.90	1.95
534	60193.25	88625.65	13.70	1.77
535	21711.65	88848.70	14.98	1.57
536	20498.90	88861.45	14.96	1.58
537	41792.15	88935.55	13.61	1.78
538	29919.65	88963.75	16.52	1.06
539	24494.00	89000.50	13.81	1.97
540	8053.25	89039.65	12.38	-0.18
541	57345.35	89098.00	16.57	1.19
542	46975.85	89094.25	14.84	1.12
543	3529.55	89039.35	13.47	1.04
544	28920.65	89099.05	16.37	0.36
545	40994.75	89206.00	13.36	2.19
546	23623.10	89232.40	13.66	0.19
547	10391.00	89278.75	13.70	2.21
548	34361.00	89351.95	16.31	1.68
549	32918.10	89423.80	16.45	1.21
550	38073.05	89420.05	16.28	1.29
551	4087.25	89363.15	14.81	0.80
552	10923.20	89605.30	13.04	2.13
553	1723.25	89603.05	13.31	0.78
554	24177.65	89644.60	16.17	0.92
555	28200.65	89721.55	13.22	1.76
556	45231.20	89772.40	13.34	0.46
557	32863.85	89797.15	16.13	1.26
558	40482.95	89873.35	13.77	1.38
559	1162.55	89853.70	13.83	2.17
560	6933.00	90078.40	13.32	1.79
561	4034.45	90090.40	13.88	2.03
562	799.25	90106.75	13.82	2.13
563	32970.00	90172.30	13.36	2.05
564	41917.10	90184.10	13.62	1.68
565	33982.45	90278.95	13.35	1.88
566	34603.80	90293.95	14.82	0.85
567	28434.15	90374.65	13.11	1.48
568	54203.10	90487.05	16.59	1.01
569	41903.75	90500.30	13.98	1.87
570	33336.85	90579.15	16.66	1.31
571	46888.70	90641.80	13.56	1.99
572	28488.30	90762.45	16.59	1.19
573	23892.45	90789.60	14.65	1.67
574	26101.95	90798.75	16.11	1.62
575	19053.45	90788.40	16.10	0.90
576	21792.75	90787.95	15.03	1.04
577	11615.70	90816.00	16.64	1.16
578	12852.80	90822.35	16.84	0.62
579	43938.50	90881.30	14.98	1.60
580	19388.20	90876.75	15.87	1.33
581	41308.70	90973.30	16.66	1.25
582	20162.60	90992.35	16.62	1.26
583	38397.00	91054.20	16.38	1.25
584	41466.80	91052.20	13.46	1.98
585	3941.25	91006.05	13.83	1.09
586	17771.00	91030.90	13.58	1.36
587	51625.05	91347.90	14.23	0.65
588	35665.30	91357.95	16.48	0.84
589	30121.30	91375.35	13.30	2.01
590	27450.75	91358.85	16.82	1.06
591	8202.00	91414.95	13.19	0.28
592	1869.75	91402.35	16.49	1.03
593	33257.20	91582.35	13.75	1.13
594	40618.20	91644.60	14.81	1.66
595	10584.15	91936.05	13.84	1.45
596	33563.95	92041.20	16.33	1.31
597	20067.75	92057.85	13.58	1.60
598	39838.45	92277.75	16.06	1.43
599	19434.15	92253.10	14.20	0.39
600	34577.20	92324.25	16.38	1.01

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601	53274 45	92080.65	15 73	2 10		
602	2311 05	92331 00	16 85	0 88		
603	10601 55	92424 00	16 01	1 36		
604	44462 55	92515 80	13 82	1 27		
605	18863 55	92588.10	15 12	0 94		
606	22571 85	92675.25	15.29	2.00		
607	27412 50	92707 50	13 00	0 72		
608	44733 00	92755 50	13 73	0 97		
609	23539 50	92784.15	14 87	1 35		
610	1043 10	92817.45	15.35	1 85		
611	42901 95	92963.05	16 12	1 31		
612	31963 75	93031 95	15 42	0 99		
613	4357 65	93167 70	14 23	0 74		
614	37795 05	93250 95	14 07	0 34		
615	34394 25	93309 00	13 38	0 71		
616	3931 30	93433 65	16 41	1 39		
617	40647 00	93522 60	16 33	1 08		
618	24831 45	93526 80	17 40	0 42		
619	33365 70	93561 15	13 75	0 65		
620	30099 25	93618 00	14 14	1 65		
621	38666 65	93637 15	16 79	0 93		
622	11262 00	93699 25	15 93	1 72		
623	21179 25	93633 00	16 30	1 25		
624	38230 45	93721 65	16 43	1 02		
625	12595 20	93662 40	16 78	0 93		
626	7176 15	93753 30	17 39	0 38		
627	33473 95	93828 00	16 08	0 94		
628	23796 30	93892 05	16 23	1 60		
629	31321 95	93907 65	15 29	0 85		
630	24374 85	93926 55	15 03	1 76		
631	26573 35	93953 85	16 34	1 37		
632	14488 65	94023 40	16 62	0 93		
633	40416 30	94060 20	16 10	1 70		
634	26122 65	94137 60	14 93	1 67		
635	21054 90	94154 85	16 13	1 42		
636	28197 90	94182 75	14 89	1 44		
637	6401 55	94241 70	15 73	1 95		
638	11133 00	94273 20	16 94	0 86		
639	32209 20	94364 85	15 76	0 90	v104	
640	25827 00	94427 10	14 83	1 72		
641	48168 75	94475 70	15 70	1 91		
642	1957 05	94443 90	16 14	1 82		
643	11152 50	94634 10	16 08	1 37		
644	48140 40	94904 85	16 94	0 92		
645	41000 55	95026 50	16 77	1 10		
646	34088 10	95016 60	16 29	0 92		
647	21974 40	95032 65	16 37	1 21		
648	32194 30	95109 60	15 36	1 09		
649	31889 70	95082 00	14 91	0 93		
650	33255 25	95115 15	15 45	1 44		
651	3469 00	95120 10	15 09	1 49		
652	38185 95	95274 00	16 10	1 25		
653	14910 90	95355 15	13 64	0 31		
654	45070 95	95408 25	15 98	1 66		
655	21729 00	95380 05	16 09	1 85		
656	36003 90	95408 10	15 29	1 79		
657	14186 70	95443 00	15 38	1 70		
658	7968 45	95465 10	15 29	1 93		
659	49879 20	95515 35	15 61	0 94		
660	34222 75	95668 35	16 09	0 89		
661	23143 30	95631 75	16 32	0 84		
662	29862 75	95733 75	11 31	-0 10		
663	49299 00	95784 60	14 41	1 33		
664	20762 35	95770 50	13 47	1 17		
665	48897 45	95813 80	16 17	1 60		
666	1752 00	95813 95	15 82	1 02		
667	39252 00	95901 75	11 63	-0 17		
668	8410 80	95976 45	13 10	2 04		
669	3537 75	96280 05	16 22	1 35		
670	44296 95	96345 85	15 16	1 44		
671	12244 50	96328 35	13 77	1 36		
672	48370 20	96382 90	16 21	1 63		
673	12918 45	96618.00	15.37	1.86		
674	23578 65	96667 20	16 45	1 40		
675	27344.95	96777.15	16 12	1.39		

676	33614.25	96859.80	14.61	0.56		
677	10153.95	96903.90	15.17	1.51		
678	30801.15	97092.90	16.46	1.41		
679	38433.15	97216.05	16.06	1.45		
680	44760.60	97229.55	15.55	0.95		
681	43920.30	97252.95	16.62	0.87		
682	34932.25	97281.45	15.29	2.34		
683	6371.70	97361.85	16.46	1.45		
684	32608.50	97401.30	15.94	0.88	v100	
685	18336.00	97378.80	16.27	1.33		
686	21418.65	97463.40	16.39	1.30		
687	24482.10	97609.50	15.39	2.03		
688	24953.55	97620.90	16.03	1.06		
689	43490.70	97668.30	15.79	1.11		
690	1611.60	97644.90	15.99	0.80		
691	16637.55	97760.10	15.02	1.07		
692	12967.95	97793.55	15.10	1.37		
693	36382.60	98001.90	16.01	1.97		
694	11641.95	97947.15	16.85	0.82		
695	37313.20	98137.20	15.28	0.97		
696	28316.35	98190.45	14.89	1.65		
697	36447.30	98260.20	15.33	2.19		
698	47175.75	98318.10	15.91	1.07		
699	24304.65	98409.25	15.74	1.67		
700	43421.80	98775.90	16.79	1.03		
701	46672.20	98851.50	16.01	1.32		
702	23782.20	98894.55	14.72	2.12		
703	35882.95	98944.80	14.10	1.49		
704	28326.60	98907.75	16.00	1.32		
705	21108.00	99060.30	16.25	1.47		
706	22579.65	99183.90	15.01	1.63		
707	3492.90	99271.20	16.56	1.42		
708	13330.75	99289.05	16.04	1.62		
709	29360.80	99336.90	17.68	0.18		
710	33089.80	99424.50	15.93	1.84		
711	23721.60	99404.10	16.79	1.15		
712	30491.80	99449.10	15.92	0.99		
713	23026.60	99469.95	15.02	2.02		
714	17368.00	99622.20	15.62	2.21		
715	19433.30	99662.55	15.99	1.56		
716	43711.95	99747.60	14.38	0.52		
717	35013.50	99797.40	16.44	1.16		
718	28435.05	99796.35	15.09	1.30		
719	31088.05	99928.20	15.89	1.71		
720	47926.05	100029.00	16.66	0.92		
721	33384.75	100029.90	16.48	1.25		
722	29941.35	100073.40	14.63	0.81		
723	10393.00	100094.70	15.21	1.88		
724	49114.65	100173.75	15.74	0.91		
725	13505.20	100157.85	14.44	1.57		
726	34741.65	100480.05	15.30	0.89		
727	21360.25	100492.50	16.16	1.22		
728	2042.40	100530.45	15.96	1.63		
729	36334.30	100686.75	13.13	0.19		
730	30920.80	100706.35	16.83	1.09		
731	20831.70	100821.15	14.96	1.36		
732	3962.55	100803.30	15.94	1.22		
733	43414.30	101047.65	15.05	1.93		
734	7176.45	101019.60	16.22	0.97		
735	38144.35	101070.15	16.04	1.94		
736	39017.65	101164.65	16.39	1.58		
737	44875.50	101177.25	16.36	1.00		
738	30486.25	101296.35	15.70	1.75		
739	37288.05	101364.45	16.19	1.74		
740	38755.60	101491.50	15.73	1.94		
741	21417.45	101565.00	16.14	1.34		
742	17911.20	101568.45	15.82	2.04		
743	31222.05	101598.30	16.39	0.84		
744	36436.15	101805.00	15.73	1.52		
745	11867.25	101752.80	16.42	1.42		
746	26622.30	101799.60	14.82	0.94		
747	47031.70	101838.10	14.65	1.63		
748	9814.35	101817.45	16.22	1.32		
749	44607.45	101912.85	13.22	0.11		
750	39923.60	101945.40	15.37	1.68		

751	29069 10	101996 30	14 01	0 40		
752	39372 25	101951 10	15 25	1 69		
753	46337 55	102045 00	15 79	2 02		
754	48093 30	102084 75	16 00	1 58		
755	9629 85	102043 50	15 65	0 88		
756	35286 45	102142 05	16 87	0 98		
757	22659 30	102191 70	14 36	1 68		
758	23089 35	102260 55	16 40	1 23		
759	40082 35	102411 60	13 68	0 16		
760	41610 15	102465 60	15 99	0 98		
761	45402 15	102515 25	14 67	1 20		
762	47669 55	102611 25	16 63	0 77		
763	24033 60	102604 35	14 96	1 98		
764	2644 35	102592 95	14 67	1 80		
765	22859 25	102636 10	14 78	1 62		
766	34954 15	102701 55	16 81	0 87		
767	19521 15	102694 05	12 93	0 06		
768	23206 95	102776 40	16 42	1 16		
769	36606 40	103014 75	15 22	1 49		
770	33922 25	103031 40	13 12	0 24		
771	40191 15	103005 60	13 50	1 43		
772	31898 80	103044 30	16 97	0 48		
773	39238 00	103093 50	15 61	1 81		
774	39335 85	103257 45	16 44	1 33		
775	14398 55	103302 15	16 78	0 82		
776	40824 30	103423 95	15 45	1 68		
777	20496 75	103435 00	15 15	1 78		
778	31254 70	103741 05	15 31	1 54		
779	26054 70	103731 45	15 48	0 88		
780	25492 95	103762 35	15 41	1 63		
781	40729 80	103864 05	13 36	0 33		
782	17140 65	104071 95	15 65	1 97		
783	20466 75	104117 70	16 52	1 33		
784	19817.10	104188.35	11 30	0.19		
785	35057.95	104300.10	13.91	0.40		
786	8300.25	104242.05	13.79	1.79		
787	22643.10	104276.85	15.68	0.76		
788	44537.25	104377.20	16.62	0.69		
789	2372.50	104398.80	15.59	2.11		
790	37696.35	104510.10	15.10	1.53		
791	28643.05	104503.95	15.42	1.67		
792	38704.60	104585.85	16.15	1.27		
793	38239 20	104563 00	16 28	1 05		
794	10325 95	104529 90	16 50	1 00		
795	4417 80	104606 70	15 84	2 11		
796	32886 15	104679 60	15 67	1 16		
797	32012 95	103126 35	16 00	0 91		
798	44107 50	103153 45	16 99	0 89		
799	1258 05	103286 75	15 73	1 85		
800	20020 50	103157 05	16 90	0 92		
801	31356 95	105374 85	16 28	1 03		
802	43702 20	103421 20	15 88	1 41		
803	23115 15	103429 60	16 48	1 12		
804	29411 40	103513 10	16 60	0 90		
805	27273 60	103540 75	16 29	1 31		
806	3860 25	103713 80	14 03	1 84		
807	22221 95	105787 35	14 82	0 63		
808	22916 85	103842 70	15 31	1 84		
809	42003 75	103913 65	15 05	1 18		
810	16787 70	103909 30	14 93	0 69		
811	45467 25	104058 55	15 34	1 68		
812	30024 70	104193 40	14 97	0 78		
813	29525 75	104205 10	16 38	1 04		
814	36834 20	104266 00	16 29	1 54		
815	33417 60	104360 50	14 75	1 88		
816	36252 15	104417 80	14 16	2 21		
817	26796 00	104525 80	15 52	1 90		
818	27246 30	104567 05	15 39	1 28		
819	30115 50	104587 00	14 14	0 86		
820	7377 60	104615 20	16 44	1 13		
821	6455 10	104647 60	14 80	0 66		
822	37842 35	104830 15	14 84	0 72		
823	33091 45	104901 55	16 21	0 96		
824	42415 05	107065 95	15 61	1 50		
825	23241 15	107048 10	15 53	1 50		

826	30592 80	107208 15	15 63	2 06		
827	39831 60	107232 75	16 29	1 63		
828	42116 10	107257 05	15 87	1 31		
829	47835 90	107285 55	16 54	1 25		
830	8022 45	107247 00	16 59	0 44		
831	33856 15	107340 60	14 52	0 66		
832	36624 10	107354 25	16 43	0 87		
833	30242 10	107412 60	14 92	1 91		
834	25491 15	107527 65	16 15	1 55		
835	44677 50	107562 00	15 36	0 94		
836	11823 75	107590 50	15 85	0 80		
837	43427 55	107650 20	15 47	1 90		
838	17676 90	107641 65	15 73	0 96		
839	49639 90	107704 95	11 14	0 56		
840	32329 90	107738 70	14 44	1 53		
841	45210 00	107769 00	14 92	1 88		
842	4506 60	107750 25	16 95	0 37		
843	18452 85	108005 10	16 35	1 46		
844	1460 70	108084 45	15 79	0 95		
845	14152 65	108118 95	15 69	2 17		
846	42406 05	108335 85	16 01	1 82		
847	11200 65	108347 55	13 52	1 21		
848	41440 50	108431 20	16 83	1 01		
849	19050 60	108505 80	15 43	0 94		
850	41126 85	108575 40	15 99	1 58		
851	13171 50	108556 95	16 07	1 57		
852	40028 70	108782 25	15 38	1 58		
853	36177 85	108811 20	15 22	0 77		
854	10788 90	108760 80	15 51	1 10		
855	30624 70	108864 45	13 54	1 14		
856	7394 40	108848 40	16 16	1 49		
857	43273 00	108919 50	15 98	0 88		
858	747.75	109013 35	15 48	1 43		
859	37966 05	109095 15	16 90	0 96		
860	15796 80	109095 90	15 85	2 14		
861	2839 95	109359 30	15 28	0 82		
862	44336 40	109307 80	16 24	1 62		
863	43861 65	109365 85	14 35	1 55		
864	18132 45	109612 50	13 98	1 18		
865	27485 25	109761 30	15 97	0 96		
866	43856 80	109845 45	16 97	0 84		
867	39112 35	109860 30	17 02	0 94		
868	38017.15	109986 75	16 60	1 08		
869	47941.20	110086 95	14 93	0 67		
870	1355.70	110035 05	15 30	1 04		
871	30126 85	110137 35	15 29	1 60		
872	32471 95	110177 85	17 21	0 59		
873	24402 30	110287 95	15 79	1 15		
874	2322 30	110263 50	15 34	1 99		
875	18986 35	110339 85	13 89	0 48		
876	45003 30	110490 75	15 15	0 58		
877	31705 65	110510 10	16 79	0 91		
878	36454 65	110553 15	15 98	1 74		
879	22175 55	110641 35	15 58	1 88		
880	33963 45	110715 90	15 41	2 05		
881	49153 20	110743 35	14 88	2 05		
882	16410 15	110791 35	15 24	1 83		
883	19831 35	110809 50	15 98	1 03		
884	31126 95	110937 15	17 34	0 52		
885	39930 60	110950 80	15 74	0 74		
886	34897 45	111045 75	16 27	1 01		
887	30048 45	111008 70	15 68	1 15		
888	1873 00	111127 50	14 34	1 61		
889	37364 65	111283 35	17 29	0 61		
890	11332 35	111238 50	16 39	1 59		
891	19028 85	111481 50	15 15	0 60		
892	31971 35	111608 85	16 46	1 50		
893	42901 35	111744 30	14 51	0 36		
894	36211 15	111824 10	16 78	1 07		
895	21902 25	111880 80	13 84	1 07		
896	11806 50	111934 95	16 08	1 49		
897	22618 25	111961 35	15 99	1 11		
898	46060 65	112170 00	14 96	1 93		
899	16817 40	112274 85	15 49	1 05		
900	34697 65	112338 30	16 30	1 03		

SECTION 2 cont.

901	13108.80	112303.35	16.29	1.39			
902	7905.30	112350.15	14.16	0.37			
903	9854.10	112411.35	15.70	1.76			
904	12254.10	112464.45	16.72	0.85			
905	18488.55	112468.35	16.28	0.75			
906	39904.65	112535.70	15.08	0.70			
907	17314.80	112669.35	16.68	1.18			
908	26515.35	112719.15	16.01	1.77			
909	40092.00	113006.40	16.01	1.58			
910	1062.90	113030.55	15.79	1.62			
911	57586.95	113227.95	16.76	1.15			
912	44907.75	113245.50	15.22	0.81			
913	13285.10	113266.95	15.84	2.00			
914	23728.30	113326.20	15.89	1.71			
915	3850.60	113333.10	16.31	1.61			
916	29642.40	113612.10	15.98	1.08			
917	55298.25	113662.50	15.51	1.55			
918	27818.25	113665.95	16.81	0.72			
919	24334.05	113698.35	15.47	0.94			
920	49449.45	113761.05	15.33	1.84			
921	47035.20	113880.15	14.33	1.65			
922	43148.55	114037.80	16.57	1.01			
923	56671.05	114089.25	16.16	1.54			
924	14011.35	114106.05	12.27	1.57			
925	59472.75	114204.90	14.54	1.01			
926	27873.75	114182.55	15.71	2.09			
927	23321.25	114271.95	15.25	1.47			
928	6447.30	114262.20	16.20	1.15	v517 Oph		
929	19479.75	114432.30	16.76	0.97			
930	12413.35	114432.75	16.62	1.19			
931	57193.35	114552.30	13.29	0.93			
932	27408.60	114546.15	15.05	0.85			
933	51428.55	114618.90	17.15	0.68			
934	10468.95	114953.50	16.59	0.83			
935	13264.50	114717.90	15.72	1.88			
936	29036.55	114880.95	16.58	1.23			
937	53452.35	114929.25	15.51	0.79			
938	20363.40	114894.30	14.55	0.98			
939	22943.25	114933.30	16.02	1.68			
940	56677.05	115117.05	16.19	1.77			
941	51815.70	115150.50	16.70	0.76			
942	46266.45	115160.40	16.89	0.97			
943	50776.35	115286.55	15.95	1.90			
944	28735.20	115269.90	16.34	0.84			
945	4478.85	115373.70	16.29	1.11			
946	32976.30	115475.25	16.39	1.37			
947	38346.45	115783.80	15.64	0.82			
948	9426.00	115770.00	13.77	2.01			
949	3990.90	115864.05	16.25	1.66			
950	6702.75	116096.85	15.31	2.06			
951	12622.80	116178.15	16.33	0.92			
952	7036.05	116293.95	15.90	1.80			
953	13297.65	116331.30	16.39	1.43			
954	53984.65	116426.25	14.98	0.95			
955	17409.15	116372.25	15.59	1.83			
956	24692.25	116503.30	15.69	0.99			
957	48246.45	116623.35	16.86	1.02			
958	59804.55	116662.05	13.96	1.02			
959	28337.85	116631.90	14.41	1.35			
960	14737.60	116727.30	14.65	1.05			
961	52367.25	116821.95	16.36	1.37			
962	18718.95	116844.00	16.86	0.96			
963	60725.70	117135.40	14.74	1.82			
964	16510.35	117063.75	14.25	0.71			
965	11461.95	117101.85	16.31	1.15			
966	22160.35	117163.95	14.64	1.02			
967	41950.20	117216.45	13.66	1.65			
968	8262.00	117163.20	13.38	2.00			
969	48237.40	117313.60	14.80	1.81			
970	1134.30	117249.30	13.81	1.74			
971	2110.35	117303.00	13.84	1.12			
972	4517.25	117390.90	13.88	1.84			
973	22929.15	117426.75	14.68	0.93			
974	34257.75	117511.20	13.39	0.95			
975	29584.05	117548.80	12.89	0.81			
976	56230.65	117672.60	16.39	1.28			
977	10818.60	117613.90	13.48	1.06			
978	54142.05	117738.45	13.39	0.77			
979	60134.50	117785.85	14.01	0.82			
980	9734.25	117712.80	14.85	0.77			
981	53654.80	117922.65	13.81	1.44			
982	57242.70	117962.40	13.72	2.01			
983	37640.25	117968.70	14.24	0.55			
984	11077.50	117961.95	15.87	1.72			
985	50231.35	118031.85	13.22	0.81			
986	12075.30	118003.05	14.69	1.69			
987	22078.05	118046.20	13.07	2.16			
988	60082.50	118180.35	13.54	1.44			
989	43882.30	118177.95	14.12	0.88			
990	56874.45	118248.55	13.10	1.84			
991	39607.50	118249.70	13.50	1.23			
992	38905.80	118301.40	14.56	1.33			
993	23948.05	118302.75	13.82	1.82			
994	22718.55	118349.70	13.60	0.81			
995	22137.10	118406.25	13.82	1.23			
996	31711.35	118512.60	14.75	1.07			
997	26331.60	118593.00	14.82	1.07			
998	27930.60	118603.80	14.55	1.57			
999	28438.80	118605.45	14.75	0.68			
1000	27291.75	118644.70	13.83	1.07			
1001	11185.80	118743.75	16.10	1.42			
1002	42760.65	118842.00	13.24	0.83			
1003	35039.40	118873.50	16.01	1.82			
1004	43270.35	118965.90	13.60	2.10			
1005	40104.90	119080.65	13.37	0.87			
1006	47627.55	119095.80	16.43	1.03			
1007	18157.20	119100.00	13.59	1.35			
1008	26637.90	119464.50	13.33	0.81			
1009	27718.65	119465.10	16.21	1.76			
1010	36735.00	119600.55	16.27	1.55			
1011	23515.80	119627.40	13.32	1.67			
1012	47206.20	119722.80	13.92	1.44			
1013	36397.65	119732.35	16.35	1.35			
1014	14397.40	119918.25	13.31	1.96			
1015	51842.85	120034.75	13.37	1.00			
1016	11446.30	120073.65	14.40	0.82			
1017	13882.00	120087.75	14.22	0.80			
1018	23924.75	120113.40	13.40	1.85			
1019	971.55	120082.80	14.37	1.37			
1020	23726.05	120142.95	13.69	1.67			
1021	34243.20	120134.05	16.32	1.23			
1022	28350.60	120230.85	14.41	0.69			
1023	36871.35	120316.50	14.71	0.67			
1024	1378.30	120318.45	12.64	1.01			
1025	32299.80	120382.35	14.40	1.34			
1026	16413.60	120344.20	14.36	0.80			
1027	10913.35	120416.70	14.37	1.78			
1028	33873.15	120601.95	16.13	1.14			
1029	34442.80	120611.85	13.67	0.77			

SECTION 3

1	40950.75	120782.85	15.81	1.07
2	11976.30	120799.50	15.26	1.50
3	29581.05	121089.90	16.10	1.70
4	38843.65	121284.30	15.38	1.14
5	36081.85	121438.65	16.20	1.20
6	11922.00	121597.50	16.30	1.38
7	26973.90	121614.90	16.81	0.92
8	31202.05	121667.35	14.83	1.86
9	40895.85	121690.50	15.88	1.93
10	22482.75	121800.90	16.79	0.99
11	10545.00	122126.40	16.11	1.43
12	41508.90	122145.90	15.98	0.97
13	29023.65	122198.10	14.41	0.97
14	45370.80	122282.45	16.06	0.99
15	10553.55	122448.45	15.45	2.06
16	37001.20	122431.05	15.72	1.75
17	4262.25	122529.15	15.48	1.75
18	15610.35	122559.45	13.68	0.49
19	25318.50	122574.15	13.04	0.28
20	34204.80	122689.65	15.27	2.10
21	37077.45	122727.75	15.32	2.09
22	35037.00	122745.30	15.68	1.84
23	7322.10	122814.75	16.15	1.45
24	26991.00	122838.75	16.12	1.19
25	26348.10	122858.85	15.07	0.87
26	19083.15	122875.20	15.92	1.71
27	5376.00	123046.50	14.74	0.72
28	22184.95	123169.05	15.62	1.86
29	47195.10	123210.45	15.67	2.07
30	30828.90	123243.60	14.97	1.95
31	2837.20	123432.35	13.89	0.30
32	38037.70	123426.00	16.90	1.02
33	39508.50	123476.10	15.95	1.79
34	32053.75	123520.20	13.39	0.32
35	44544.60	123571.20	16.75	0.97
36	13527.25	123669.15	15.40	1.36
37	26897.85	123682.35	15.25	0.87
38	1333.80	123754.80	15.63	0.85
39	49486.65	123826.05	16.17	1.08
40	3827.85	123848.25	16.83	1.05
41	4994.70	123909.90	16.16	0.81
42	36027.55	124024.95	11.44	0.80
43	44609.25	124114.05	16.43	1.14
44	2446.35	124366.50	16.13	1.81
45	854.85	124423.35	15.58	1.97
46	31632.70	124705.20	16.31	1.03
47	30208.05	124963.35	15.14	0.88
48	7279.05	125088.00	15.78	0.82
49	24278.10	125207.40	16.40	1.35
50	3305.10	125237.40	13.97	1.04
51	14317.60	125231.40	16.28	0.78
52	19846.65	125283.60	16.11	1.37
53	26047.35	125292.60	13.80	1.97
54	7904.55	125312.85	16.43	1.33
55	37691.70	125430.90	14.82	1.85
56	33153.60	125479.60	16.28	1.62
57	727.80	125667.30	16.44	1.35
58	33399.30	125687.70	13.37	1.07
59	46743.70	125733.15	16.36	0.90
60	34100.20	125762.85	17.36	0.34
61	3607.45	125916.60	13.39	0.84
62	31826.10	125908.05	16.29	1.65
63	27970.80	126037.35	16.04	1.74
64	43638.90	126088.95	14.96	1.36
65	32549.05	126204.30	13.58	1.44
66	36686.10	126249.00	13.22	1.84
67	60660.75	126236.10	16.16	1.60
68	29796.75	126387.90	16.50	1.01
69	3537.85	126405.15	16.82	1.61
70	37991.85	126302.80	16.95	1.03
71	16630.95	126369.35	13.33	1.25
72	38927.05	126344.20	14.41	0.74
73	37380.35	126537.85	17.15	0.82
74	18357.15	126945.75	15.67	2.05
75	38117.65	126924.90	14.20	0.64
76	33001.90	126982.95	14.33	0.81
77	43068.75	127061.55	16.84	1.02
78	31325.65	127174.50	15.90	1.32
79	36411.75	127267.35	16.10	1.18
80	30164.10	127323.60	15.81	1.06
81	26990.40	127365.75	15.70	1.75
82	43809.90	127373.40	16.51	1.05
83	21432.15	127426.05	15.84	1.40
84	32672.10	127413.75	15.34	1.51
85	13042.05	127504.20	15.71	1.98
86	45779.85	127495.50	14.05	1.42
87	3519.75	127933.65	15.85	0.99
88	38101.65	127926.15	13.93	0.62
89	37031.45	128043.75	15.57	0.97
90	37610.25	128113.35	16.18	1.72
91	43919.40	128162.55	16.17	1.05
92	12293.40	128199.15	16.51	0.93
93	11426.55	128302.80	16.09	1.36
94	16694.55	128306.40	13.94	0.41
95	24553.35	128357.25	15.45	1.99
96	49930.50	128591.70	15.63	1.02
97	6675.15	128689.80	14.83	0.87
98	27088.50	128700.60	15.59	0.92
99	13295.55	128835.00	16.05	1.07
100	2316.90	128979.90	16.08	0.90
101	31826.40	128988.45	14.59	1.28
102	31072.75	129079.95	15.77	1.77
103	17146.20	129114.75	16.77	0.91
104	8881.65	129224.85	15.92	1.90
105	19398.30	129225.30	17.71	0.29
106	2336.30	129318.75	16.04	1.86
107	33913.80	129365.40	16.48	0.81
108	32277.10	129427.05	13.28	0.39
109	27306.30	129593.25	17.51	0.50
110	20769.45	129642.45	16.49	1.08
111	19746.30	129732.15	14.86	0.75
112	23883.35	129772.95	12.98	0.41
113	14945.70	129811.05	15.90	1.62
114	47492.25	129817.50	16.42	1.34
115	44182.80	129881.10	16.63	1.00
116	21329.15	129932.40	15.85	1.74
117	3829.05	129960.15	16.04	1.51
118	34124.10	130034.70	16.31	1.24
119	7423.05	130216.95	15.09	1.53
120	56836.05	130237.35	13.21	0.44
121	17011.50	130293.30	15.94	1.27
122	20861.55	130353.75	15.66	1.19
123	33735.25	130381.80	14.87	1.86
124	14063.25	130426.25	15.78	1.77
125	41072.70	130435.20	16.61	1.12
126	32782.30	130455.45	14.51	0.64
127	46640.55	130529.25	14.39	0.57
128	16671.30	130654.65	16.79	1.04
129	30787.95	130789.80	15.00	0.99
130	10687.65	130890.90	15.91	0.96
131	26094.15	131069.55	13.73	0.92
132	19376.35	131144.41	15.66	1.77
133	9288.15	131159.41	16.16	1.71
134	6291.65	131202.30	16.10	1.86
135	34996.80	131167.66	13.63	1.64
136	3197.70	131264.09	15.58	1.80
137	1879.65	131284.20	15.91	1.99
138	21392.80	131313.84	16.44	0.95
139	21810.30	131394.41	14.24	1.44
140	20394.00	131648.25	16.62	1.16
141	2333.55	131722.95	15.74	1.16
142	4346.25	131748.91	16.09	1.82
143	30644.65	131771.41	14.62	0.83
144	39642.15	131787.00	15.52	1.88
145	29777.40	132073.05	16.22	1.27
146	12336.85	132173.66	15.01	1.44
147	33895.95	132277.05	16.31	1.91
148	37062.30	132298.20	15.24	1.80
149	18214.95	132433.80	15.99	1.74
150	1756.80	132481.66	15.28	1.75
151	29095.80	132613.80	16.34	1.09
152	36178.05	132634.95	16.80	1.05
153	11426.55	132683.70	15.51	1.92
154	35178.25	132645.59	15.92	1.99
155	13132.65	132688.34	16.67	1.04
156	60735.30	132681.30	13.45	0.11
157	32296.00	132784.66	15.61	1.05
158	7935.15	133059.75	15.94	1.71
159	10660.35	133145.55	15.24	1.05
160	58168.05	133130.70	15.65	1.04
161	19211.10	133366.34	15.34	0.88
162	9058.80	133438.34	15.82	1.53
163	30824.40	133473.30	16.17	1.26
164	53071.65	133576.20	15.00	0.94
165	10128.90	133622.09	15.77	1.98
166	43608.45	133597.20	16.88	1.02
167	33263.20	133624.20	16.11	1.12
168	37309.95	133682.55	16.27	1.59
169	34727.50	133703.25	14.75	0.82
170	18969.30	133747.50	17.38	0.63
171	25333.05	133755.59	14.49	1.60
172	34462.95	133859.25	16.17	1.73
173	30475.20	133980.59	16.05	1.82
174	7832.40	134168.41	16.71	1.26
175	40337.55	134157.16	15.86	1.51
176	16870.05	134220.59	15.99	1.87
177	1297.35	134363.66	15.53	1.48
178	3452.70	134366.25	16.29	1.51
179	35545.35	134404.80	16.54	0.85
180	4245.60	134424.30	15.61	1.37
181	37131.05	134589.00	14.03	1.39
182	41467.05	134658.30	14.98	1.24
183	9063.15	134919.91	16.87	1.01
184	41617.65	134997.75	14.36	1.63
185	29992.50	135036.84	15.09	1.48
186	49488.15	135239.95	16.03	1.14
187	12184.05	135484.80	15.96	1.57
188	16210.65	135531.30	15.83	1.89
189	11727.75	135571.50	15.24	1.49
190	26672.10	135576.16	15.36	2.10
191	24475.95	135635.80	14.73	0.69
192	41104.05	135726.00	15.87	1.08
193	19787.25	135825.75	14.87	1.47
194	9100.95	136000.95	15.27	1.96
195	26651.10	136098.16	16.97	0.48
196	38374.95	136118.84	15.69	1.80
197	2703.30	136261.05	15.60	1.66
198	33177.45	136268.25	15.55	2.08
199	49746.60	136289.55	15.22	2.13
200	60933.05	136426.20	16.17	1.17
201	28224.90	136618.50	15.56	1.72
202	17986.35	136639.50	15.74	1.46
203	24690.15	137047.20	14.02	1.34
204	9913.20	137100.16	10.78	1.89
205	33298.35	137087.84	15.46	1.60
206	13091.85	137203.34	16.21	1.17
207	45146.25	137248.80	15.78	1.67
208	36095.25	137326.05	17.15	0.80
209	34353.55	137428.66	14.87	0.80
210	47985.45	137422.50	15.53	1.87
211	17418.30	137487.45	14.12	0.84
212	35218.75	137733.30	16.17	1.12
213	44849.70	137974.50	15.08	0.92
214	44178.30	138025.50	15.70	1.76
215	51814.50	138032.41	16.44	0.67
216	45780.90	138279.75	15.74	0.89
217	43541.85	138356.55	15.14	1.42
218	44254.20	138346.75	16.43	1.08
219	3932.20	138447.25	15.81	1.58
220	13465.20	138533.50	15.69	1.59
221	29467.35	138643.80	15.58	1.08
222	40411.05	138685.50	14.33	0.78
223	11685.30	138731.55	15.77	0.78
224	49829.70	138758.41	15.14	1.79
225	46307.35	139036.95	15.97	1.94
226	3329.40	139458.75	16.57	0.96
227	32987.20	139454.70	15.66	1.84
228	15406.20	139621.05	15.32	1.38
229	13617.15	139647.30	15.99	1.45
230	12284.95	139725.59	15.99	1.59
231	36846.25	139766.25	14.72	0.76
232	2995.95	139844.25	14.94	0.80
233	13383.40	140017.05	15.15	1.22
234	21875.10	140256.30	16.83	0.86
235	42035.85	140238.59	16.34	1.00
236	24626.70	140309.09	15.12	0.69
237	12566.85	140423.09	15.02	1.00
238	38121.55	140409.16	15.61	1.65
239	2942.25	140570.70	17.14	0.72
240	36698.85	140580.00	16.42	1.02
241	49416.75	140632.95	15.89	1.52
242	47535.75	140634.55	16.43	1.00
243	30319.35	140675.55	14.90	0.83
244	3370.35	140709.00	16.58	1.03
245	30867.85	140688.75	16.45	1.26
246	6623.10	140776.80	14.63	1.45
247	31278.55	140799.30	15.15	2.14
248	21671.10	140920.05	15.29	1.22
249	11026.35	140949.30	15.55	0.95
250	12587.40	140991.75	15.18	1.39
251	23976.00	141125.09	15.61	1.18
252	32171.40	141345.91	15.19	1.74
253	4353.45	141392.84	15.53	1.23
254	6738.00	141398.55	15.67	1.23
255	35683.20	141525.16	16.22	1.71
256	23317.95	141712.34	14.77	1.69
257	42883.35	141706.05	15.01	1.65
258	13366.95	141785.09	16.36	1.48
259	34358.00	141776.70	11.39	-0.03
260	37541.95	141785.70	15.76	1.90
261	38861.30	141823.50	16.84	1.03
262	10795.35	141963.45	15.63	1.62
263	6264.45	141998.25	14.60	1.83
264	33590.35	141985.05	16.61	1.31
265	25002.45	142164.00	16.03	1.36
266	35943.00	142234.20	15.31	1.02
267	28274.55	142384.66	17.11	0.87
268	2115.45	142431.75	14.53	1.93
269	40222.35	142439.25	12.55	1.59
270	39349.75	142679.41	16.11	1.72
271	9155.70	142728.30	14.87	1.17
272	14187.45	142777.66	17.02	0.90
273	1691.25	142883.55	15.86	1.61
274	26423.40	142873.05	15.11	0.93
275	31863.90	142878.45	15.94	1.24
276	40290.15	142890.59	16.24	1.02
277	39277.95	142903.05	16.62	1.33
278	20715.75	142998.91	15.14	1.63
279	31868.65	142997.25	15.34	1.30
280	20313.75	143110.66	16.05	1.25
281	60713.25	143165.09	16.63	1.23
282	6325.35	143226.91	16.00	0.95
283	22503.90	143354.41	16.38	0.98
284	47210.85	143344.80	15.77	2.06
285	12037.05	143437.20	13.83	1.28
286	53086.05	143518.50	15.41	1.47
287	33821.80	143551.50	14.78	0.85
288	13785.70	143663.09	15.23	1.02
289	16628.10	143700.75	15.06	0.93
290	37095.90	143691.91	14.77	2.02
291	3694.75	143936.55	16.20	1.58
292	39073.35	143932.59	15.12	1.81
293	8146.50	144053.30	16.37	1.47
294	32557.65	144092.09	16.39	1.52
295	9383.05	144259.34	15.88	1.04
296	1106.25	144276.45	13.80	0.57
297	7247.55	144325.66	16.66	1.15
298	45143.85	144301.80	15.75	2.02
299	47235.45	144387.30	15.85	2.06
300	43989.00	144432.00	15.40	1.72

SECTION 3 cont.

301	31766	10	144904	00	16	93	1	00
302	29559	50	144768	30	15	03	1	74
303	31413	05	144737	34	14	79	1	04
304	11323	05	144891	16	16	75	0	98
305	1807	20	144918	00	16	26	1	46
306	40276	05	144891	30	14	15	1	14
307	49300	20	144944	41	15	47	1	44
308	19800	15	144981	59	15	43	0	83
309	28816	65	145061	41	15	66	1	16
310	5703	45	145296	59	15	67	0	99
311	18134	55	145279	20	16	99	0	97
312	40151	55	145330	20	16	18	1	65
313	38808	45	145366	05	15	83	1	76
314	4201	95	145388	55	15	86	0	85
315	46903	80	145441	30	16	03	1	21
316	31338	40	145436	70	15	37	1	24
317	34548	70	145464	30	16	03	1	88
318	30509	20	145477	30	16	10	1	75
319	44183	25	145569	75	15	98	0	67
320	3819	15	145711	20	15	34	1	02
321	13252	00	145800	00	16	23	0	91
322	11426	70	145937	25	15	71	1	86
323	35789	50	145944	75	15	62	1	70
324	36217	45	145977	75	15	76	1	60
325	1903	20	146030	84	16	02	1	46
326	24990	15	146172	91	14	15	0	63
327	43686	00	146162	70	15	85	1	93
328	48022	20	146197	20	15	41	1	52
329	29386	45	146234	55	15	59	0	99
330	19649	50	146248	34	15	66	1	68
331	20095	95	146282	55	15	95	1	94
332	43026	10	146343	30	16	02	1	70
333	10001	25	146318	20	14	93	1	03
334	33530	90	146326	39	15	53	1	46
335	13246	50	146398	30	15	82	1	14
336	48719	10	146468	34	15	23	1	91
337	30911	65	146482	30	16	10	1	04
338	12349	65	146772	16	15	68	2	02
339	5462	70	146785	20	15	33	1	39
340	1899	45	146787	39	15	31	1	38
341	14696	70	146871	91	15	78	1	61
342	14245	20	146911	34	16	00	1	70
343	20084	20	146893	00	14	92	0	95
344	29234	80	146964	00	15	97	0	89
345	44276	70	146962	95	15	64	1	69
346	35063	65	146982	91	14	50	1	88
347	7689	75	147004	20	16	33	0	76
348	26989	20	147047	55	13	73	0	25
349	30299	20	147378	91	16	01	0	91
350	11472	90	147490	05	15	94	1	84
351	21882	45	147539	09	16	90	0	89
352	46871	85	147551	55	16	36	1	31
353	10189	05	147596	25	16	14	1	34
354	25773	45	147653	41	15	48	1	92
355	8371	80	147795	16	16	04	1	32
356	31626	45	147834	41	15	96	1	02
357	4070	10	147918	30	16	39	1	05
358	31439	50	148023	59	16	02	1	02
359	20614	35	148105	20	16	60	1	08
360	13359	45	148419	59	16	65	0	87
361	31938	10	148391	55	14	80	1	09
362	30796	95	148442	41	15	33	1	77
363	13477	30	148530	70	16	61	1	15
364	47820	00	148643	80	16	33	1	34
365	34438	40	148740	30	15	66	1	62
366	24662	25	148795	34	14	60	1	48
367	8046	15	148813	90	13	31	0	91
368	29345	55	148887	75	14	14	0	69
369	37743	60	148914	16	15	19	1	76
370	9244	95	149029	95	12	11	0	13
371	46989	00	149094	45	15	26	1	00
372	8152	65	149143	66	15	91	1	98
373	1881	30	149357	25	15	17	1	04
374	11253	30	149471	84	16	31	0	80
375	23023	00	149492	41	15	78	1	30

376	3092	25	149751	75	14	78	1	44
377	35546	20	149719	16	12	73	0	07
378	30023	85	149823	30	15	69	0	92
379	46097	35	149919	16	15	76	1	28
380	2497	30	150050	41	16	31	1	40
381	40372	20	150026	25	15	52	1	75
382	38758	45	150006	75	14	34	0	65
383	8570	85	150135	09	15	85	1	68
384	28310	85	150165	30	15	84	1	06
385	32121	45	150182	70	16	19	1	63
386	36328	75	150177	16	16	76	0	52
387	44450	55	150375	91	16	74	0	99
388	37498	75	150392	55	13	93	0	63
389	31405	00	150405	59	15	85	1	53
390	12641	55	150496	45	16	31	1	58
391	2996	70	150536	66	14	72	0	71
392	32531	25	150543	30	15	05	0	93
393	29034	00	150573	55	15	11	0	95
394	16122	00	150621	70	13	64	1	70
395	36611	10	150609	25	16	35	1	18
396	21709	80	150641	30	16	32	1	28
397	38827	80	150668	34	15	36	1	58
398	24537	60	150812	95	15	53	1	50
399	6830	25	150978	55	16	39	1	00
400	26390	25	151068	09	15	42	1	43
401	4497	90	151252	00	16	52	1	20
402	2621	70	151481	66	17	09	0	65
403	39817	75	151492	00	15	59	1	84
404	25253	10	151640	80	15	04	1	67
405	24920	70	151726	30	14	24	1	23
406	4639	35	151768	30	15	43	1	58
407	16138	50	151889	34	15	98	1	64
408	33243	45	151891	45	15	39	1	02
409	43814	70	151997	66	15	66	2	03
410	34006	95	152213	50	16	02	1	68
411	38134	90	152324	34	15	68	1	90
412	33028	45	152390	66	16	48	1	23
413	39908	05	152556	41	14	60	0	96
414	32707	05	152627	66	16	33	1	39
415	12272	25	152641	00	15	57	1	78
416	34262	25	152673	09	16	91	0	96
417	31182	75	152752	00	16	42	1	49
418	8211	75	152781	55	14	75	1	74
419	37716	00	152776	30	16	35	1	04
420	43095	90	152811	25	16	63	1	32
421	3031	00	152943	25	13	84	0	86
422	22900	30	152979	25	14	43	1	91
423	32233	90	152962	16	16	49	0	99
424	32022	75	153214	34	14	70	0	89
425	39319	65	153214	66	15	60	1	70
426	30029	40	153225	91	15	13	1	50
427	8323	35	153400	16	16	01	1	52
428	30509	05	153388	45	15	15	1	85
429	16948	50	153467	34	15	73	0	97
430	34515	60	153944	66	16	81	0	38
431	21307	60	154096	00	15	51	2	07
432	31312	30	154161	09	15	67	1	43
433	14884	20	154229	80	16	43	1	39
434	29281	05	154289	80	15	45	1	90
435	31793	75	154337	05	15	04	0	76
436	48360	40	154399	16	16	26	1	02
437	16972	95	154436	30	15	93	1	68
438	44585	25	154435	59	16	32	0	91
439	11939	25	154533	41	15	43	1	73
440	3003	90	154601	95	16	03	1	24
441	20018	55	154619	34	15	33	1	37
442	12737	40	154634	95	15	47	1	39
443	42364	50	154633	45	15	90	1	96
444	30019	95	154643	05	16	46	1	00
445	33949	30	154861	00	13	38	1	18
446	19733	35	154945	16	16	73	1	11
447	1378	00	154992	84	16	23	1	44
448	12813	90	154943	25	16	33	0	95
449	24762	15	154995	55	15	64	1	70
450	12281	35	155116	00	16	16	1	31

451	2761	35	155347	84	16	07	1	85
452	23235	25	155531	80	15	69	1	52
453	1867	50	155623	73	14	88	1	90
454	3935	10	155672	66	16	27	1	02
455	27150	30	155684	05	15	92	1	07
456	8146	95	155720	20	16	51	0	95
457	26080	05	155788	30	15	38	2	03
458	3708	15	155833	91	15	54	1	67
459	47212	50	155989	30	14	93	0	74
460	46290	00	155998	00	16	10	1	72
461	5775	90	156250	59	13	33	1	53
462	22928	25	156451	91	16	70	1	18
463	31631	25	156459	70	15	90	1	99
464	26961	15	156528	41	11	94	1	26
465	43321	80	156745	16	15	98	1	32
466	48819	90	156752	95	15	68	1	71
467	23438	70	156936	70	13	20	1	42
468	11607	45	156983	66	16	56	1	25
469	35794	80	157019	34	15	77	1	79
470	22954	05	157113	55	16	05	1	85
471	31801	50	157231	45	13	29	0	39
472	30940	80	157383	41	15	99	1	04
473	37676	65	157355	66	16	28	1	37
474	40951	95	157462	75	15	52	1	49
475	46381	05	157633	00	15	26	1	03
476	19716	90	157665	70	16	77	0	58
477	12190	05	157713	84	17	29	0	40
478	31274	85	157742	50	16	45	1	11
479	46089	75	157800	55	15	17	0	98
480	17490	75	157890	55	15	52	1	62
481	13130	75	157906	45	16	10	1	72
482	30634	80	157927	45	14	48	1	68
483	13996	15	158010	55	15	66	1	00
484	42251	85	158007	55	14	35	1	83
485	6497	65	158069	20	16	13	1	46
486	30117	10	158117	34	16	37	1	13
487	33305	65	158147	30	16	48	1	22
488	28799	85	158169	55	14	91	0	93
489	31084	75	158362	91	16	19	1	63
490	46660	30	158405	80	15	71	1	80
491	7334	65	158750	50	15	33	0	48
492	30277	15	158712	55	16	44	0	82
493	3111	60	158804	50	16	93	1	01
494	13619	10	158827	16	15	66	0	77
495	39834	15	158923	91	15	86	0	89
496	5920	50	159308	80	14	92	0	69
497	35412	30	159335	50	13	98	0	66
498	2738	70	159517	00	14	93	1	74
499	32394	60	159613	75	15	14	1	90
500	13948	20	159907	75	17	64	0	24
501	1312	30	159920	66	16	02	1	71
502	2065	95	159991	45	16	04	0	97
503	29508	65	159972	41	13	90	0	53
504	30536	70	160003	00	16	81	0	81
505	44876	25	160040	05	15	92	1	02
506	34234	40	160267	16	16	33	1	34
507	27205	35	160441	59	15	73	1	87
508	30130	95	160417	16	16	68	1	12
509	37828	60	160601	80	12	67	0	17
510	35168	10	160820	34	16	16	0	89
511	12239	95	160896	55	14	98	1	54
512	49737	15	160918	30	16	56	1	29
513	18076	35	160984	45	13	54	0	83
514	1433	25	161083	30	16	12	0	94
515	20781	00	161084	16	14	82	2	04
516	44927	90	161087	80	16	27	1	04
517	33584	80	161167	45	15	93	1	99
518	908	55	161246	20	13	97	1	61
519	22531	95	161234	66	17	24	0	71
520	41288	35	161339	34	14	73	1	79
521	44634	40	161346	41	15	82	1	84
522	33344	90	161382	41	16	34	1	34
523	9245	70	161474	80	16	39	1	39
524	8106	60	161554	91	16	39	1	11
525	20914	35	161538	41	14	16	1	29

526	33118	60	161511	70	16	01	1	01
527	31661	05	161549	50	16	13	1	46
528	31142	20	161687	80	16	50	1	03
529	22359	00	161715	70	14	50	1	77
530	32336	25	161709	41	14	91	1	26
531	48498	00	161775	70	16	68	0	81
532	33907	80	161901	70	15	41	1	93
533	9948	00	161960	50	15	51	1	92
534	4598	10	162029	66	15	29	1	41
535	33756	25	162010	16	15	21	2	02
536	13050	45	162070	75	16	01	1	65
537	24909	60	162313	45	16	27	1	67
538	7034	55	162329	20	16	52	1	42
539	34268	85	162508	16	15	18	1	48
540	36395	20	162643	16	15	87	1	94
541	30343	45	162748	16	16	76	1	18
542	24315	35	162792	84	14	93	0	91
543	34531	45	162785	05	15	49	2	05
544	850	05	162937	16	16	12	1	08
545	9488	85	162968	34	15	71	1	14
546	48306	45	163031	50	16	79	0	83
547	42323	65	163182	25	16	03	1	51
548	22644	85	163573	16	15	73	1	22
549	40266	15	163601	66	16	59	1	20
550	16727	10	163865	80	15	64	0	98
551	2425	65	163922	50	14	88	1	94
552	10032	00	164244	25	13	30	0	86
553	15182	70	164323	30	15	12	0	75
554	21572	70	164375	80	15	11	0	98
555	14065	05	164397	09	15	79	1	06
556	42508	90	164424	25	16	93	1	15
557	18361	05	164393	75	15	63	2	07
558	9222	00	164601	25	16	04	1	08
559	8108	10	164609	80	14	63	0	81
560	41903	70	164599	91	15	69	1	78
561	46248	25	164624	34	16	00	1	57
562	34936	60	164704	59	15	25	0	78
563	37442	70	164799	55	15	97	1	78
564	42252	15	164968	45	15	20	1	93
565	33180	45	164975	80	14	47	1	33
566	40993	80	165034	75	16	92	0	89
567	13940	40	165229	16	16	47	1	03
568	21884	40	165291	41	16	41	0	87
569	24441	75	165292	30	15	94	0	77
570	34876	05	165521	34	15	39	1	64
571	36709	35	165636	09	15	45	2	06
572	30201	30	165766	75	16	69	0	78
573	48310	65	165795	55	15	63	2	02
574	31265	40	165851	66	16	30	1	07
575	37489	75	165849	05	16	25	1	66
576	49124	25	165913	45	14	41	0	76
577	13917	10	166200	41	14	82	0	73
578	26842	20	166248	70	16	55	1	17
579	17678	25	166261	30	15	41	0	88
580	22563	45	166285	59	16	16	1	66
581	4863	00	166336	91	16	39	1	17
582	19380	60	166388	80	15	81	1	62
583	60183	75	166390	16	14	72	0	82
584	22848	45	166438	30	16	78	0	98
585	30771	10	166630	00	16	81	1	08
586	46811	25	166648	30	16	81	1	13
587	21611	55	166698	70	14	71	1	06
588	39014	35	166664	95	13	98	0	68
589	44241	15	166817	34	16	83	1	10
590	26726	85	166888	91	15	74	2	07
591	33448	80	166952	34	16	36	1	12
592	23941	80	167009	50	14	96	1	99
593	16629	75	167147	20	16	47	1	43
594	3680	40	167410	45	15	55	1	77
595	44109	60	167401	30	11	41	0	73
596	39253	00	167652	41	15	63	1	09
597	23640	45	168011	66	15	06	2	00
598	27110	85	168026	20	15	64	1	53
599	36726	00	168075	25	15	84	2	10
600	17594	25	168180	70	16	29	1	03

SECTION 3 cont.

601	45585.15	168170.95	16.96	0.99
602	7545.60	168218.20	15.37	0.96
603	60746.55	168206.84	16.09	1.59
604	43497.60	168257.05	15.59	1.06
605	58185.00	168242.34	15.87	1.14
606	4990.35	168328.00	13.81	0.30
607	2699.10	168350.20	13.77	0.68
608	39566.85	168427.00	15.29	2.08
609	13824.45	168641.66	12.12	1.06
610	52240.05	169201.16	15.39	1.00
611	29152.50	169518.55	15.10	2.03
612	48710.85	169549.30	15.50	1.96
613	2503.80	169599.55	13.69	1.70
614	21909.00	169652.80	15.99	0.99
615	26941.80	169648.00	15.74	1.97
616	41978.85	169675.16	14.70	0.88
617	3819.75	169755.84	16.15	1.73
618	25922.85	169792.91	14.51	0.76
619	32103.60	170004.25	16.31	1.58
620	49661.70	170048.95	15.19	1.60
621	42426.00	170215.75	13.96	1.35
622	12497.55	170324.34	14.50	0.58
623	50073.90	170328.09	15.26	1.14
624	22990.20	170361.25	15.97	0.94
625	20185.95	170403.25	14.79	1.43
626	36939.30	170449.70	15.78	1.69
627	10938.00	170856.25	14.30	0.67
628	56464.20	170873.80	15.71	1.74
629	20413.35	170935.91	15.82	0.85
630	12893.70	171034.16	16.31	1.14
631	28407.30	171122.66	16.37	0.68
632	48646.95	171373.59	16.34	1.36
633	8151.45	171497.66	13.47	0.31
634	32524.65	171503.80	15.96	1.60
635	23467.15	171529.91	16.21	1.55
636	16272.00	171558.55	16.40	1.23
637	46021.05	171529.00	15.61	1.55
638	31126.05	171649.16	16.51	0.96
639	48127.20	171642.25	16.22	1.51
640	53183.05	171921.41	16.79	0.81
641	10876.80	172079.95	15.98	1.30
642	4174.50	172125.25	15.79	1.87
643	37179.85	172202.20	15.82	1.84
644	49091.10	172210.75	15.84	1.44
645	3491.80	172276.30	16.40	1.01
646	43158.90	172343.80	16.43	0.90
647	23580.35	172411.91	16.80	1.05
648	58243.65	172436.66	13.83	0.88
649	8035.30	172548.95	13.79	0.64
650	18045.30	172677.25	16.31	1.41
651	13703.20	172914.25	15.16	2.07
652	40637.80	172935.80	17.23	0.68
653	56281.65	172969.39	15.72	0.90
654	25287.30	173009.30	15.57	1.99
655	9620.35	173122.75	16.02	0.88
656	20868.30	173118.41	16.87	0.91
657	45626.85	173212.75	16.46	1.13
658	49822.95	173383.00	16.23	1.23
659	54765.60	173437.45	16.38	0.99
660	10996.80	173504.05	15.15	1.56
661	37102.20	173476.91	17.23	0.48
662	7957.20	173587.91	15.06	1.85
663	17251.95	173590.30	16.18	0.76
664	48201.45	173608.16	16.22	1.69
665	2034.75	173719.45	14.86	1.31
666	7856.85	173707.45	16.30	1.12
667	20628.60	173700.70	16.70	1.06
668	59223.00	173719.59	15.87	1.58
669	4204.65	173897.80	15.33	2.10
670	53188.00	173986.70	16.15	1.75
671	30045.60	173930.80	15.28	1.77
672	46957.95	173988.09	16.08	1.40
673	30869.10	174027.25	16.75	1.22
674	7031.10	174134.30	12.88	0.06
675	19379.30	174232.00	14.85	0.80
676	17219.85	174296.95	14.17	1.63
677	45047.40	174301.00	16.13	1.15
678	14413.50	174386.95	16.18	1.62
679	19944.75	174377.30	15.82	2.08
680	7735.95	174402.84	15.30	2.04
681	33343.20	174370.91	17.26	0.55
682	29777.80	174389.80	15.48	0.82
683	41793.25	174469.91	16.84	1.12
684	46937.20	174554.80	16.03	1.70
685	39700.30	174568.75	15.97	1.72
686	43126.75	174578.20	15.97	1.81
687	23208.75	174674.66	16.61	1.24
688	17400.15	174688.30	16.31	1.05
689	48996.90	174777.55	16.30	1.44
690	846.00	174872.20	13.64	1.73
691	52539.70	175032.84	16.54	0.89
692	33181.95	175124.20	15.05	1.64
693	38218.50	175341.55	15.50	0.95
694	8450.85	175440.25	16.76	0.90
695	53696.25	175556.66	16.01	1.79
696	54257.85	175637.20	15.67	1.90
697	51942.30	175677.70	15.69	1.58
698	36047.40	175790.05	16.61	0.71
699	41170.05	175797.09	16.24	0.75
700	30452.40	175817.05	16.42	1.04
701	35294.55	176129.80	17.71	0.27
702	40260.30	176176.30	16.68	1.25
703	2944.60	176270.66	15.86	0.73
704	36879.45	176383.70	16.15	0.94
705	30278.20	176460.55	16.83	1.08
706	39746.65	176473.00	15.37	1.96
707	33409.10	176476.91	16.96	0.77
708	36839.95	176492.80	16.25	0.86
709	41192.25	176603.30	16.19	1.47
710	46976.40	176671.16	16.09	1.47
711	33203.35	176729.20	15.66	1.54
712	14759.35	176798.80	14.53	1.55
713	22853.85	176805.25	16.84	0.92
714	9272.70	176915.20	16.84	0.91
715	36200.05	176936.75	15.83	1.49
716	41760.15	176984.50	17.63	0.38
717	27863.70	177068.34	16.41	1.53
718	13298.65	177092.20	15.57	1.77
719	20579.25	177103.75	14.40	0.92
720	18816.45	177268.91	15.52	0.93
721	34609.15	177424.75	13.82	2.04
722	48498.45	177662.80	16.09	1.18

SECTION 4

1	102598.50	801.15	16.50	1.40
2	85793.55	853.95	16.97	0.70
3	118359.15	1006.35	15.72	1.24
4	101993.70	1159.95	14.80	1.84
5	99550.20	1189.05	15.68	1.26
6	69832.65	1300.05	15.93	0.98
7	63033.45	1297.95	15.44	1.73
8	62328.45	1348.80	16.29	1.45
9	60865.05	1350.75	17.03	0.93
10	68000.25	1361.70	17.08	0.85
11	113983.05	1364.85	15.96	1.68
12	90247.20	1381.95	14.88	1.84
13	99170.10	1357.95	15.25	1.63
14	94936.95	1360.50	16.40	1.27
15	106707.30	1382.05	16.40	1.32
16	107842.05	1626.60	16.05	1.34
17	70919.65	1631.65	16.02	1.37
18	60731.10	1677.90	16.91	1.15
19	98231.25	1656.15	16.15	1.03
20	69901.65	1779.30	16.60	1.35
21	109110.45	1774.80	16.30	1.05
22	108346.20	1822.35	15.90	1.58
23	114764.25	1823.55	16.18	1.36
24	94341.85	1913.25	16.44	1.44
25	101406.45	1905.75	15.05	1.20
26	77218.35	2121.90	15.09	1.45
27	112300.80	2129.40	15.12	1.79
28	92732.70	2196.90	16.98	0.96
29	117148.05	2219.10	15.60	1.23
30	64030.65	2274.15	15.40	1.78
31	98203.95	2302.35	16.02	1.33
32	86807.55	2324.55	15.69	1.63
33	111066.90	2334.55	15.66	2.05
34	72666.30	2783.85	15.80	1.44
35	74998.95	2804.55	14.93	0.89
36	61298.85	2910.15	16.84	0.98
37	104933.55	2907.60	15.89	2.00
38	113757.55	2914.35	14.72	1.92
39	114779.10	2934.70	16.43	1.01
40	83805.10	3049.30	16.26	1.44
41	66933.75	3130.60	15.64	1.93
42	96311.50	3119.85	14.85	0.61
43	74137.80	3176.55	14.37	1.56
44	103138.35	3274.50	16.10	1.39
45	73583.50	3332.55	14.70	0.84
46	83880.60	3329.30	15.28	1.18
47	85052.85	3342.60	16.75	1.02
48	119629.65	3336.70	16.92	0.99
49	80232.00	3333.70	16.97	0.84
50	91304.95	3644.95	16.23	1.26
51	81585.15	3676.95	16.36	1.05
52	99464.25	3723.45	16.13	1.39
53	103969.65	3837.00	15.27	1.91
54	65484.60	3882.75	16.07	0.86
55	111393.55	3880.35	15.61	0.86
56	86254.95	3904.95	16.31	1.36
57	107270.25	3940.20	15.00	0.87
58	100379.05	4004.85	15.30	1.76
59	103272.15	4342.05	15.10	1.66
60	92754.25	4357.35	16.02	0.91
61	74489.25	4437.30	15.38	1.79
62	67325.95	4372.90	16.38	0.70
63	113203.00	4438.30	15.27	1.35
64	92261.00	4444.85	15.40	1.97
65	118639.15	4469.95	15.32	2.03
66	76304.20	4707.15	16.48	0.61
67	102676.35	4730.25	15.61	2.04
68	68286.15	4873.75	15.80	2.03
69	105680.25	4851.75	15.81	0.89
70	83700.10	5049.75	14.97	0.85
71	108098.70	5039.55	15.05	0.81
72	93707.25	5101.05	15.76	1.78
73	101832.30	5246.70	17.02	0.71
74	93130.50	5280.15	15.38	0.63
75	89492.40	5374.35	14.97	1.04

76	107811.30	5367.15	16.59	1.39
77	114342.85	5385.60	14.18	1.28
78	64570.05	5489.25	16.24	0.98
79	103764.70	5462.40	15.47	1.39
80	70299.45	5533.35	14.39	1.37
81	76726.95	5585.40	15.13	1.42
82	62491.95	5638.20	15.73	1.82
83	101661.90	5648.70	16.89	1.09
84	92688.75	5774.10	13.73	0.48
85	89739.90	5805.45	16.08	1.28
86	70032.30	5946.60	15.83	1.15
87	119346.70	5937.45	16.44	0.90
88	73928.85	5987.25	16.76	1.19
89	103238.25	6076.05	14.92	2.07
90	92120.40	6090.60	14.51	1.67
91	86472.75	6121.50	14.84	1.90
92	110001.30	6144.00	13.84	1.28
93	72028.50	6194.70	16.30	0.84
94	99349.15	6246.40	14.75	1.79
95	117913.95	6299.75	14.17	1.42
96	91022.40	6449.55	13.95	1.99
97	116042.70	6493.75	16.42	1.32
98	96413.25	6556.50	16.22	1.63
99	111603.30	6540.00	16.42	0.94
100	93647.20	6684.00	16.48	1.11
101	109643.25	6677.10	15.15	0.91
102	97474.50	6704.25	15.78	1.98
103	91002.00	6723.60	15.37	1.90
104	61655.55	6763.80	14.69	0.81
105	73219.95	6858.60	15.62	1.11
106	60982.35	6927.30	16.12	0.84
107	70692.00	6965.55	15.87	1.48
108	114920.40	6937.00	16.32	1.16
109	64401.40	7130.10	15.79	1.80
110	93754.60	7162.80	16.05	1.43
111	114448.65	7183.80	15.58	1.07
112	113036.85	7185.30	15.15	0.88
113	73634.50	7257.90	14.04	0.39
114	74980.80	7265.55	16.62	1.28
115	80233.95	7449.05	16.01	1.05
116	62793.30	7690.35	15.77	1.84
117	118062.00	7649.10	15.50	2.05
118	103039.75	7682.55	16.55	1.36
119	117634.15	7708.80	16.22	1.57
120	75514.05	7774.05	16.13	0.96
121	80923.30	8113.50	16.19	1.17
122	99684.00	8132.25	15.85	1.80
123	62306.55	8196.45	16.46	1.32
124	92196.45	8309.55	15.30	1.06
125	113812.90	8314.65	15.54	1.16
126	80740.50	8352.00	16.12	1.82
127	101111.70	8415.00	16.96	0.81
128	116515.20	8412.45	14.61	1.47
129	109217.10	8470.80	14.61	1.97
130	73502.55	8532.45	16.21	1.48
131	77450.85	8576.25	16.37	1.25
132	86962.65	8622.15	15.46	1.73
133	64440.00	8747.25	15.52	1.87
134	68073.60	8774.40	16.07	1.84
135	119195.40	8801.25	16.25	1.44
136	108488.10	8837.35	16.40	1.31
137	109774.05	8864.70	16.24	1.39
138	81222.90	9011.40	15.05	1.35
139	105942.00	9070.65	16.15	1.62
140	94246.65	9275.55	14.99	1.14
141	120400.50	9275.85	13.11	0.77
142	114689.85	9311.55	16.08	1.61
143	88814.55	9333.00	14.99	1.32
144	103104.75	9414.75	16.31	1.05
145	114152.40	9405.00	15.41	1.73
146	77283.10	9509.55	17.30	0.31
147	81392.80	9513.90	15.45	1.62
148	103721.95	9585.30	15.95	1.32
149	114419.10	9631.75	16.31	1.42
150	109489.20	9680.70	14.91	1.74

151	86114.70	9768.30	16.85	1.13
152	77210.70	9850.50	16.23	1.01
153	94314.00	9855.00	15.65	1.64
154	90348.90	9864.15	15.68	1.87
155	94977.60	9889.50	16.02	1.76
156	104291.80	9991.65	15.83	1.25
157	87979.20	10012.80	15.95	1.06
158	99713.85	10038.45	16.37	1.33
159	68082.45	10095.15	16.48	0.88
160	116451.90	10093.65	14.94	1.54
161	79719.00	10133.25	16.28	1.59
162	72050.70	10263.45	17.23	0.49
163	83138.85	10328.85	15.58	1.85
164	114628.05	10353.30	15.93	1.82
165	91987.50	10440.75	15.89	0.80
166	67168.20	10487.40	15.13	1.08
167	119191.95	10475.40	14.25	1.78
168	103976.40	10683.75	16.20	1.68
169	93561.25	10768.20	16.44	1.10
170	96906.30	10810.20	16.25	1.48
171	70356.00	11020.20	14.66	1.67
172	111850.05	11045.70	16.74	1.22
173	83180.25	11107.05	14.91	0.95
174	78252.00	11118.75	16.29	1.18
175	69867.45	11139.45	16.30	1.35
176	84493.10	11168.25	16.20	1.60
177	99767.35	11184.30	15.89	0.96
178	67930.05	11235.60	15.14	1.38
179	73168.80	11299.20	15.84	1.24
180	102872.85	11296.20	15.10	0.97
181	78771.75	11324.40	15.27	1.90
182	75951.00	11356.35	16.74	1.07
183	96780.45	11394.25	14.90	1.82
184	101836.80	11606.40	16.73	1.26
185	79485.45	11637.45	16.43	1.05
186	77129.70	11663.35	14.90	1.01
187	62820.60	12019.35	14.98	0.70
188	120591.45	12011.10	16.37	1.48
189	98706.90	12061.95	15.55	1.29
190	72508.95	12136.05	16.37	1.50
191	70947.00	12402.45	16.89	1.08
192	63016.20	12463.65	15.71	1.99
193	113365.75	12464.10	13.93	0.91
194	112453.95	12526.95	16.81	0.52
195	83818.00	12580.50	15.40	1.74
196	63668.80	12806.55	13.96	1.65
197	104246.55	12797.10	13.30	1.14
198	78453.30	12830.40	13.97	1.05
199	91296.90	12900.90	15.29	1.63
200	87977.55	12966.60	16.39	1.45
201	99062.95	13178.25	15.25	1.60
202	99760.95	13184.40	14.14	0.48
203	103110.30	13311.30	16.63	0.76
204	63909.55	13345.65	13.14	1.52
205	62167.35	13348.65	16.04	0.94
206	108205.05	13348.05	16.18	1.65
207	103720.05	13404.00	15.85	1.72
208	119465.85	13415.40	16.36	0.99
209	103260.75	13481.55	16.32	1.29
210	92857.20	13562.10	16.67	0.99
211	80998.95	13612.50	13.53	1.11
212	114074.10	13604.70	15.32	1.60
213	72053.80	13668.75	16.38	1.34
214	63234.30	13689.30	15.83	1.55
215	101011.05	13815.75	13.78	0.73
216	96966.60	13823.65	15.09	0.87
217	87724.95	13905.75	16.01	1.51
218	63282.60	13980.45	16.71	1.00
219	66777.45	13979.10	16.30	1.10
220	61006.20	13992.60	16.62	1.17
221	83853.45	14143.05	15.53	0.91
222	119246.10	14191.65	16.22	1.29
223	101767.95	14219.40	15.12	2.04
224	101147.70	14262.60	14.79	2.02
225	66270.15	14461.95	15.83	1.96

226	99074.25	14443.50	16.48	1.39
227	117190.35	14436.30	17.11	0.59
228	71902.80	14553.30	16.78	1.14
229	105719.55	14561.55	15.95	1.81
230	77109.90	14635.20	15.94	1.61
231	65088.75	14664.30	15.24	1.97
232	107716.20	14659.65	15.15	0.87
233	88233.75	14870.25	16.12	1.37
234	118481.85	14884.80	16.68	1.15
235	82414.80	14914.20	16.23	1.45
236	73881.90	14948.55	16.15	0.82
237	110127.30	14942.40	15.64	1.82
238	67076.40	14995.80	15.16	1.86
239	106075.80	14970.75	15.04	0.98
240	104497.80	14995.50	15.59	1.48
241	118123.05	15047.40	15.93	1.12
242	111816.30	15038.10	15.05	0.90
243	86616.45	15047.25	16.69	0.94
244	110981.70	15228.45	15.06	1.63
245	104322.15	15243.00	15.87	1.71
246	103194.10	15258.45	16.74	1.08
247	94241.70	15313.35	17.31	0.58
248	80866.80	15335.55	15.08	1.03
249	75289.80	15512.70	16.35	1.12
250	90152.85	15544.20	15.00	1.08
251	113104.50	15555.00	15.93	1.84
252	64285.65	15803.85	16.63	0.90
253	83513.05	15826.20	14.68	1.92
254	107983.35	15840.15	15.31	1.64
255	91634.85	15915.15	14.84	1.57
256	81813.40	15937.05	14.25	0.74
257	77354.20	16030.05	16.74	1.04
258	109128.15	16024.80	13.14	0.20
259	84929.40	16073.10	16.34	1.38
260	107243.70	16270.05	16.65	0.98
261	63485.55	16477.05	14.99	1.93
262	104986.50	16471.20	14.71	1.70
263	120073.95	16537.50	15.59	1.12
264	72613.90	16601.40	15.93	1.70
265	66081.15	16684.05	15.43	1.96
266	77188.65	16690.50	16.12	1.68
267	115330.00	16710.30	15.60	1.19
268	93957.75	16740.45	15.58	1.58
269	114404.40	16739.25	16.07	1.60
270	104404.20	16889.55	16.89	0.99
271	80009.70	17057.55	15.62	1.87
272	118326.30	17096.25	16.15	1.03
273	91381.20	17129.25	16.97	0.68
274	61660.50	17188.50	15.41	1.58
275	112616.55	17249.85	16.07	1.27
276	99345.30	17408.85	13.92	0.61
277	111376.50	17428.35	16.13	1.64
278	66420.90	17518.50	16.53	1.01
279	114823.50	17488.80	16.19	1.39
280	98013.60	17508.00	16.52	1.03
281	116693.85	17544.45	15.86	1.57
282	107763.90	17581.50	14.52	1.75
283	110828.10	17613.45	16.03	1.52
284	109791.75	17637.60	15.73	1.61
285	81934.20	17684.85	15.14	0.76
286	101118.90	17703.60	16.07	1.30
287	103980.45	17796.60	16.24	1.01
288	92635.50	17817.45	12.06	1.44
289	73484.80	17885.55	14.58	0.75
290	65188.65	18021.15	16.59	1.03
291	99408.60	18016.20	15.94	1.18
292	90951.60	18095.85	16.20	1.12
293	91867.05	18103.20	15.36	0.89
294	67349.85	18179.70	16.55	1.09
295	93558.85	18209.70	17.20	0.69
296	114200.70	18280.35	14.93	1.53
297	101643.60	18393.60	15.88	1.85
298	70541.10	18443.05	15.86	1.93
299	100112.85	18485.10	15.31	1.83
300	73161.60	18613.20	16.16	1.47

SECTION 4 cont.

301	66698.25	18632.25	14.45	1.71
302	112461.00	18603.90	15.96	1.69
303	87542.70	18624.15	14.88	1.44
304	68260.50	18674.10	13.01	1.48
305	103318.60	18719.60	16.62	0.96
306	106124.40	18930.30	13.78	1.68
307	69301.80	18980.10	13.93	1.93
308	102781.05	18993.60	16.00	1.87
309	102483.45	19048.35	16.52	0.73
310	61803.60	19102.20	13.82	1.62
311	91256.40	19121.85	13.50	0.79
312	80278.80	19139.70	14.86	1.18
313	84882.40	19171.35	17.17	0.50
314	95379.00	19246.75	13.22	2.06
315	83614.75	19293.60	14.35	1.79
316	87795.45	19497.45	13.34	0.94
317	97238.85	19524.45	16.34	1.10
318	83976.25	19532.20	16.39	1.34
319	63722.40	19677.45	16.28	1.35
320	104776.00	19716.60	13.56	1.14
321	91478.85	19724.40	16.22	1.39
322	71436.85	19764.30	16.13	1.38
323	68741.55	19773.45	16.58	1.12
324	64234.35	19868.85	13.99	1.39
325	102342.40	19920.30	13.72	0.61
326	83530.35	19981.95	13.20	1.39
327	99240.60	20026.80	13.64	1.77
328	104797.20	20064.75	16.17	0.96
329	62359.65	20138.35	17.08	0.68
330	98614.80	20180.35	13.58	1.69
331	71242.80	20210.10	16.44	1.22
332	94752.30	20311.20	16.13	1.81
333	102094.20	20317.05	16.30	1.44
334	96376.00	20361.85	13.75	0.98
335	61850.40	20683.00	16.39	0.87
336	74832.00	20665.50	16.08	1.12
337	80779.50	20661.00	14.43	1.09
338	93133.95	20693.70	16.43	1.40
339	96027.75	20737.80	14.43	0.94
340	61797.45	20913.85	13.64	1.00
341	116275.65	20905.65	15.38	1.80
342	91200.00	20927.40	14.04	1.59
343	80201.85	20946.75	14.47	0.74
344	73348.90	20968.50	15.04	2.25
345	110346.85	21010.35	15.63	1.35
346	70439.05	21166.80	16.23	1.48
347	110772.60	21184.90	16.68	1.11
348	70729.65	21266.70	16.27	1.12
349	79738.35	21288.30	16.16	1.71
350	84240.75	21301.20	13.95	1.47
351	118629.30	21276.30	14.62	1.61
352	68883.25	21330.15	14.71	0.87
353	117614.40	21326.40	13.61	1.02
354	79029.70	21503.70	14.60	2.02
355	66962.85	21523.00	16.88	0.82
356	113909.85	21505.20	13.93	1.76
357	100077.30	21580.65	16.71	0.98
358	116384.10	21628.35	13.34	1.84
359	66380.10	21826.05	13.79	1.90
360	98238.00	21884.40	16.11	1.28
361	73171.20	21921.45	13.18	1.92
362	72095.25	21944.40	13.71	1.35
363	99208.05	21952.95	16.86	1.11
364	120332.65	21969.30	13.99	1.07
365	118929.15	21990.75	13.85	1.17
366	65113.35	22041.30	16.31	1.35
367	80142.00	22036.95	14.09	0.84
368	111026.70	22038.15	14.87	1.37
369	69921.60	22234.20	15.69	2.06
370	63167.55	22325.85	17.10	0.86
371	98824.80	22395.60	16.11	1.82
372	109262.55	22428.45	15.99	1.35
373	91391.55	22492.80	16.67	0.93
374	63039.00	22544.25	13.84	1.82
375	80379.00	22546.95	16.28	1.04

376	80877.00	22639.90	16.44	1.33
377	95008.35	22664.70	16.83	1.10
378	119103.00	22726.50	16.05	1.88
379	115496.25	22781.85	14.92	1.14
380	104690.55	22796.85	15.73	1.87
381	114933.60	22825.50	15.43	1.84
382	109612.95	22941.60	15.36	1.68
383	71711.70	22983.90	15.96	1.39
384	96393.85	23079.45	15.86	1.97
385	88624.95	23089.20	14.22	0.70
386	79209.00	23127.00	15.14	1.03
387	118180.05	23278.05	14.95	0.67
388	98347.50	23320.95	12.58	1.10
389	116633.55	23345.10	16.02	1.21
390	103817.25	23433.75	14.80	0.97
391	64142.55	23599.65	16.16	1.68
392	74907.90	23652.90	15.73	1.06
393	65402.40	23694.15	16.30	1.28
394	99202.65	23686.20	14.13	1.18
395	116464.20	23715.75	14.74	1.60
396	97400.40	23775.45	16.78	1.18
397	105527.55	23761.95	14.45	1.56
398	91717.95	23807.55	15.35	1.73
399	83110.50	23926.80	15.87	0.96
400	74481.45	24018.30	16.21	1.68
401	80242.80	24095.25	15.93	1.71
402	99637.65	24103.80	15.04	1.89
403	105472.80	24196.95	15.47	2.12
404	73738.35	24375.90	16.36	1.41
405	106695.75	24502.50	15.87	1.65
406	69241.50	24730.95	17.22	0.72
407	118094.10	24706.65	15.76	0.95
408	96585.45	24727.50	14.22	0.86
409	99867.60	24742.80	15.47	1.90
410	102409.80	24753.60	14.94	0.85
411	109512.15	24777.75	15.40	1.08
412	75330.10	24916.80	16.75	1.09
413	117231.90	24937.35	13.34	1.71
414	97888.80	25091.70	12.97	1.43
415	75775.65	25146.75	16.05	1.27
416	61279.65	25170.60	16.06	1.44
417	116023.05	25298.25	16.88	0.90
418	113938.65	25324.80	15.01	1.74
419	73353.25	25375.80	15.98	1.45
420	63618.60	25389.75	16.61	1.36
421	84302.55	25408.50	16.61	1.28
422	61624.35	25587.30	16.65	1.20
423	74272.35	25615.50	16.81	1.07
424	111118.65	25588.80	13.97	1.31
425	86413.65	25624.05	11.78	0.94
426	67785.15	25707.60	16.98	0.94
427	96976.20	25702.20	15.73	1.33
428	80107.65	25725.75	16.27	1.34
429	120277.80	25720.80	16.24	1.49
430	72845.70	25849.65	16.67	0.91
431	96183.15	25884.30	16.49	1.22
432	89873.55	25908.60	16.33	1.46
433	70634.25	25966.20	15.73	1.77
434	73637.75	25987.35	13.95	1.05
435	110140.95	26005.05	15.77	2.04
436	70240.95	26063.25	15.77	1.31
437	118320.75	26019.30	15.10	2.08
438	103434.90	26083.20	16.18	1.66
439	68231.95	26210.10	16.75	1.18
440	96923.10	26218.50	16.17	1.42
441	84970.50	26251.05	16.00	1.69
442	97372.95	26248.05	15.24	1.85
443	92130.00	26279.70	16.20	1.37
444	87276.00	26309.70	16.35	1.20
445	82114.80	26372.25	14.28	1.86
446	98757.45	26383.95	14.84	1.64
447	115861.80	26383.20	16.24	1.65
448	120523.50	26397.60	14.41	0.83
449	102244.65	26437.75	16.18	1.11
450	74798.55	26587.95	16.08	1.81

451	108743.95	26582.55	16.57	1.16
452	94874.70	26638.05	15.59	1.19
453	109207.80	26778.60	16.35	1.55
454	114834.75	26790.60	16.04	1.59
455	87539.85	26822.55	16.40	1.42
456	96249.15	26815.20	15.02	1.88
457	80762.10	27006.60	15.60	1.69
458	79139.10	27016.05	16.55	1.05
459	89234.40	27063.15	15.22	1.94
460	80176.80	27241.80	17.01	0.98
461	107926.20	27289.95	17.85	0.15
462	116380.95	27327.15	15.54	1.04
463	87911.85	27360.55	16.57	1.16
464	75950.70	27646.35	14.82	1.65
465	75253.95	27733.50	15.38	2.13
466	100326.00	27740.65	15.90	0.98
467	77503.80	27838.65	14.55	2.32
468	111736.65	27874.80	15.61	1.98
469	76090.50	27904.35	15.82	1.03
470	67957.20	27964.50	16.01	1.33
471	71509.20	27981.60	16.38	1.13
472	70566.00	28012.20	15.78	2.09
473	100262.10	28011.00	15.03	1.40
474	73487.40	28116.30	15.08	1.77
475	63040.80	28168.50	15.88	0.78
476	119257.35	28162.50	17.22	0.49
477	117017.10	28187.10	14.51	0.92
478	81192.60	28279.35	14.20	1.35
479	89761.35	28431.00	15.74	1.92
480	111076.50	28433.10	14.30	1.45
481	96789.60	28317.10	14.88	1.33
482	80859.45	28340.95	14.36	1.36
483	77708.35	28358.20	15.33	1.98
484	91705.80	28375.15	14.82	1.90
485	102481.20	28399.45	15.72	2.08
486	70407.75	28641.75	16.59	1.29
487	68427.10	28640.40	14.42	0.93
488	67363.45	28699.80	16.04	1.50
489	106104.00	28704.75	15.69	1.09
490	93573.35	28725.15	15.93	1.08
491	83698.50	28770.60	14.82	1.11
492	116330.80	28747.35	15.81	1.23
493	87963.90	28793.85	15.09	1.50
494	117324.75	28824.00	15.31	1.50
495	63548.85	28884.30	15.58	1.80
496	103505.35	28934.10	16.57	1.03
497	71675.25	28984.20	16.03	1.39
498	111060.00	29027.70	15.94	1.11
499	94812.15	29212.65	14.81	1.74
500	83168.25	29269.65	15.66	1.42
501	97257.30	29281.95	14.18	0.82
502	93633.40	29287.35	16.19	1.09
503	77360.10	29408.40	15.90	2.03
504	110401.80	29603.70	15.49	2.21
505	119363.35	29649.15	14.94	2.14
506	103636.65	29701.50	15.03	0.91
507	108800.10	29876.70	16.78	1.18
508	110271.00	29882.85	16.27	1.36
509	84602.55	29940.15	16.24	1.71
510	113291.65	29940.15	15.76	1.92
511	84933.30	29981.10	16.55	1.22
512	83917.80	30010.80	16.92	1.07
513	87018.15	30066.30	16.34	1.34
514	100992.30	30088.50	15.89	1.92
515	74904.90	30176.70	16.53	1.24
516	76363.65	30365.40	16.57	1.27
517	74457.90	30376.20	14.84	1.13
518	89351.20	30441.00	15.39	1.98
519	109933.50	30492.00	13.91	1.39
520	62922.45	30577.20	16.69	1.01
521	108320.65	30619.35	16.02	1.54
522	63124.75	30680.10	16.93	1.04
523	78507.60	30706.50	15.54	1.97
524	118298.90	30679.05	16.45	1.00
525	70889.25	30796.05	15.35	1.99

526	87262.65	30857.25	16.55	1.28
527	82028.55	30863.55	16.43	1.20
528	116381.95	30909.60	15.39	1.25
529	112327.60	30957.75	15.98	1.03
530	74626.95	31101.00	16.09	1.77
531	79960.35	31099.35	15.54	0.88
532	102379.20	31094.10	14.50	0.93
533	86574.90	31210.35	14.35	0.92
534	91290.15	31286.25	16.13	1.54
535	102183.45	31312.50	15.15	1.64
536	87323.70	31349.10	15.76	2.00
537	118392.30	31320.75	15.32	1.69
538	77176.20	31420.65	14.67	1.71
539	119779.80	31421.10	14.65	1.80
540	66288.30	31551.45	16.55	1.28
541	78396.10	31703.65	15.10	1.93
542	87321.25	31796.55	14.90	1.78
543	93353.50	31873.20	15.74	1.37
544	77138.10	31894.80	16.06	1.62
545	75883.20	31906.95	14.62	1.39
546	112245.15	31898.25	16.66	1.03
547	83121.90	32198.25	16.13	1.13
548	99084.75	32189.70	16.60	1.30
549	110571.90	32204.10	16.14	1.30
550	118477.35	32395.50	14.92	1.01
551	91906.05	32530.50	15.51	1.36
552	115597.80	32512.80	15.49	0.99
553	98803.80	32571.90	16.79	1.14
554	65620.95	32708.40	15.14	1.69
555	78784.35	32754.45	15.36	1.75
556	72573.90	32870.40	15.96	1.54
557	99813.90	32866.80	16.70	0.89
558	76308.40	32895.30	15.39	1.77
559	100457.10	33094.35	15.64	2.04
560	86045.55	33189.15	16.47	1.48
561	88993.50	33285.30	16.69	1.13
562	99628.35	33292.80	16.23	1.16
563	80735.40	33316.95	15.67	2.00
564	111074.10	33307.95	15.33	1.88
565	78516.30	33334.60	15.48	2.07
566	62424.30	33433.05	13.34	1.07
567	90964.20	33416.70	15.74	1.74
568	98839.05	33489.90	16.27	1.15
569	63973.05	33615.30	15.96	0.92
570	92961.30	33608.10	15.34	1.19
571	80301.40	33640.45	13.97	1.88
572	117971.55	33645.75	15.69	2.13
573	77352.60	33708.60	15.15	1.98
574	111835.65	33687.00	15.72	1.32
575	61079.70	33842.55	16.46	1.14
576	88073.70	33902.25	16.45	0.99
577	99243.90	33952.05	14.10	0.86
578	95140.50	34082.10	16.35	0.99
579	116780.40	34132.90	16.18	1.41
580	111019.80	34234.90	16.18	1.40
581	115697.85	34240.35	15.88	1.99
582	89672.70	34321.05	15.37	1.74
583	60711.30	34347.45	15.48	0.92
584	62382.60	34471.95	15.58	2.12
585	83446.65	34487.10	15.16	1.37
586	89832.90	34479.00	16.41	1.36
587	71300.25	34583.55	15.53	1.85
588	102782.40	34587.30	14.82	2.02
589	103971.90	34698.60	16.61	1.36
590	117868.20	34722.15	15.24	1.61
591	110379.25	34774.80	14.70	2.00
592	72792.00	34856.55	10.34	2.36
593	89156.55	34978.20	15.98	1.14
594	89693.40	35064.90	16.18	1.65
595	83468.55	35082.90	13.55	1.17
596	95362.80	35107.35	16.64	0.56
597	113830.20	35088.00	15.89	1.34
598	100768.65	35185.05	16.19	1.14
599	105425.25	35201.70	15.21	1.92
600	91367.55	35311.20	15.33	2.07

601	99200.35	35336.40	15.20	0.80	
602	66710.10	35391.60	15.83	1.60	
603	84065.35	35405.85	16.24	0.95	
604	102129.30	35446.95	16.09	0.87	
605	82489.95	35557.35	15.31	2.34	
606	73477.80	35585.70	16.14	1.41	
607	112415.10	35596.20	16.92	1.07	
608	60685.65	35660.70	15.03	1.00	
609	109577.85	35676.60	14.34	1.86	
610	106212.75	35702.70	16.34	1.46	
611	82924.05	35763.30	16.32	1.43	
612	117627.90	35728.05	16.91	0.98	
613	108396.90	35865.90	16.66	1.12	
614	84571.65	35920.05	16.14	1.60	
615	91881.60	35982.45	15.75	1.43	
616	90862.50	35976.45	16.47	1.29	
617	104976.30	36031.95	15.94	1.09	
618	95286.45	36160.05	16.47	1.45	
619	109951.90	36147.45	15.72	1.01	
620	87387.30	36174.30	16.17	1.46	
621	73362.90	36202.95	14.57	1.82	
622	107157.45	36254.10	14.83	1.46	
623	89738.85	36278.85	15.88	1.97	
624	74902.35	36319.20	15.13	1.14	
625	100679.40	36342.00	16.04	1.82	
626	116083.20	36348.75	15.80	1.09	
627	83377.20	36407.20	14.83	1.13	
628	99918.00	36719.65	15.97	1.07	
629	114695.85	36765.00	15.37	0.92	
630	112634.85	36839.10	14.94	1.02	
631	119794.35	36883.50	14.99	1.08	
632	94324.20	36979.95	15.94	1.87	
633	74175.15	37185.75	15.79	1.85	
634	75135.45	37213.80	15.88	0.92	
635	81082.20	37228.05	14.89	1.92	
636	102739.20	37230.60	15.85	1.99	
637	69493.95	37284.60	14.93	0.84	
638	89466.90	37365.90	15.66	1.88	
639	101338.20	37368.60	15.38	1.06	
640	93923.25	37413.75	14.05	1.29	
641	84895.30	37524.75	15.94	1.06	
642	82994.55	37549.65	15.09	1.80	
643	100338.60	37707.00	16.49	1.43	
644	96478.50	37787.40	15.52	1.36	
645	98302.35	37819.80	15.86	1.60	
646	83085.45	37844.85	14.04	0.66	
647	103632.45	37834.05	14.33	1.34	
648	63609.45	37909.20	15.85	1.01	
649	98876.85	37906.95	15.49	2.31	
650	86441.95	38108.25	15.21	0.93	
651	89399.20	38236.60	15.43	0.99	
652	104969.05	38272.95	15.43	1.82	
653	90161.10	38320.50	16.16	1.68	
654	61678.80	38517.60	14.81	2.40	
655	73695.15	38536.15	16.18	1.02	
656	93803.70	38610.60	15.58	1.09	
657	78712.05	38834.55	14.54	1.62	
658	109103.55	38828.25	15.80	1.99	
659	63492.70	38880.45	14.68	1.82	
660	80021.70	38987.70	16.43	1.16	
661	90802.05	39113.55	16.20	1.38	
662	107206.80	39100.05	15.93	1.00	
663	108358.95	39200.70	15.87	1.74	
664	84861.25	39282.15	15.81	1.61	
665	82261.80	39319.20	15.78	0.97	
666	91863.35	39417.15	17.21	0.73	
667	102602.35	39403.75	13.38	1.79	
668	105723.90	39501.60	15.18	1.98	
669	109138.30	39333.75	13.86	1.21	
670	79536.45	39609.30	15.42	1.97	
671	110033.45	39649.05	17.24	0.63	
672	107306.40	39736.30	16.84	1.14	
673	76123.60	39773.25	14.84	0.63	
674	89772.75	39807.45	15.64	1.67	
675	108457.20	39814.20	15.35	2.05	

676	67055.70	39958.05	15.73	1.34	
677	101803.20	39933.90	16.25	1.08	
678	70529.00	39978.90	16.04	1.86	
679	87145.05	40030.95	16.10	1.83	
680	90787.35	40010.25	14.87	1.64	
681	117380.10	40023.15	15.94	1.13	
682	61375.95	40067.40	16.00	1.75	
683	114493.45	40230.75	15.90	1.06	
684	114403.90	40236.90	15.21	1.99	
685	83109.30	40417.05	11.24	0.72	
686	110425.80	40397.85	13.69	1.22	
687	92683.05	40430.25	15.87	1.57	
688	71247.75	40462.05	14.18	0.69	
689	83820.25	40468.35	15.83	1.75	
690	74919.00	40499.40	15.87	1.51	
691	89068.65	40530.00	15.35	1.65	
692	120364.00	40492.95	14.62	1.88	
693	102478.50	40700.10	15.57	1.10	
694	90838.35	40735.00	16.45	1.26	
695	70224.45	40841.55	15.24	2.02	
696	75319.80	40895.85	15.86	1.94	
697	113661.15	40974.30	15.50	1.91	
698	117726.60	41023.60	16.34	1.23	
699	63534.35	41063.55	15.99	1.82	
700	120400.80	41058.60	16.44	1.09	
701	108175.20	41147.70	13.15	0.23	
702	90632.40	41221.50	15.67	1.19	
703	91286.40	41247.45	15.07	0.90	
704	73411.50	41271.05	16.00	1.88	
705	63901.60	41463.75	15.98	1.10	
706	82071.30	41476.20	15.16	1.68	
707	70738.95	41494.05	16.49	1.27	
708	68520.90	41499.75	13.97	0.55	
709	83038.45	41685.60	15.40	0.87	
710	101829.00	41770.80	14.68	1.88	
711	69414.30	41813.55	16.04	1.57	
712	66963.90	41842.45	13.67	1.19	
713	73091.40	41982.60	15.88	1.80	
714	97935.00	42011.55	16.00	1.62	
715	98313.90	42024.60	14.90	1.14	
716	86288.40	42069.75	15.19	1.63	
717	100895.70	42168.15	16.13	1.71	
718	61126.95	42184.95	15.20	1.98	
719	91355.70	42263.20	15.27	1.74	
720	85216.50	42439.80	15.44	2.04	
721	102879.90	42457.50	15.38	1.82	
722	68106.45	42509.55	16.45	1.30	
723	92196.30	42511.95	15.64	2.08	
724	89902.35	42537.60	15.03	2.05	
725	117735.30	42626.55	15.56	1.86	
726	107185.20	42697.95	16.63	1.02	
727	87246.00	42711.45	15.72	1.73	
728	100594.05	42701.70	15.09	0.96	
729	111780.90	42848.10	15.58	2.17	
730	93256.05	42934.80	15.70	1.62	
731	91036.80	42938.55	14.16	0.76	
732	96801.45	42964.65	15.41	2.02	
733	93002.85	43251.45	15.15	1.09	
734	73792.80	43282.65	16.12	1.27	
735	79245.45	43280.40	16.26	1.08	
736	94334.95	43284.30	15.43	1.10	
737	104028.00	43326.75	15.34	1.92	
738	60780.75	43439.70	15.18	1.09	
739	76328.50	43476.00	16.48	1.43	
740	100497.60	43510.65	15.76	1.82	
741	94948.05	43553.40	15.35	1.80	
742	87868.50	43591.20	16.80	0.95	
743	107795.40	43704.90	14.27	1.78	
744	102864.00	43797.75	13.64	1.06	
745	93396.45	43831.80	16.70	0.89	
746	77361.35	43888.95	15.45	2.08	
747	120470.55	43876.65	15.48	1.88	
748	119467.65	43985.10	15.92	1.19	
749	88857.15	44044.95	16.68	1.03	
750	118766.95	44032.00	14.94	1.32	

751	88428.45	44175.45	15.46	1.95	
752	61401.60	44236.65	16.31	1.10	
753	78459.15	44239.95	15.44	1.91	
754	94015.50	44236.00	16.25	1.68	
755	103844.30	44269.20	17.04	0.96	
756	118728.75	44270.55	15.75	1.24	
757	97699.50	44290.65	16.77	0.36	
758	80878.05	44489.10	15.70	1.71	
759	73307.20	44517.60	15.76	1.02	
760	84111.60	44538.00	16.68	1.09	
761	108706.35	44625.75	15.64	1.91	
762	101222.35	44760.15	15.56	1.81	
763	106544.70	44892.75	15.91	1.89	
764	104982.60	45039.60	15.78	2.06	
765	103131.70	45104.40	14.75	0.93	
766	76675.50	45240.90	13.12	1.76	
767	61848.40	45294.00	15.77	1.98	
768	108815.10	45302.85	16.61	1.28	
769	119837.05	45283.50	14.48	1.49	
770	70041.90	45357.15	16.34	1.57	
771	84311.60	45487.80	16.49	1.01	
772	84164.10	45499.35	16.62	1.19	
773	93896.10	45520.95	15.48	1.72	
774	86005.65	45581.10	15.63	0.95	
775	67778.85	45635.55	14.04	1.58	
776	109379.25	45627.75	15.18	1.00	
777	89205.60	45736.35	15.73	0.88	
778	116544.75	45792.30	15.24	1.67	
779	100654.50	45895.65	16.67	1.12	
780	106011.45	45894.00	13.79	1.35	
781	115741.80	45923.25	14.65	1.16	
782	79255.05	46008.30	16.48	1.13	
783	104771.85	46006.05	16.22	1.36	
784	77917.35	46045.95	16.29	1.66	
785	65484.15	46067.25	15.96	1.15	
786	118363.15	46187.35	16.47	1.45	
787	105418.65	46279.20	14.79	0.65	
788	90835.05	46333.05	15.52	1.82	
789	78253.95	46435.75	14.78	1.98	
790	102166.50	46510.35	16.28	0.96	r10
791	97832.70	46549.80	16.49	1.21	
792	91188.45	46703.40	15.83	1.52	
793	69315.40	46768.20	16.39	0.96	
794	119753.40	46741.50	16.06	1.15	
795	83234.85	46828.50	15.01	1.88	
796	80395.90	46861.35	16.19	1.24	
797	106084.05	46891.65	15.29	1.65	
798	73864.45	46935.00	15.70	1.92	
799	110543.25	46972.20	16.66	1.24	
800	89462.70	47081.70	15.18	1.80	
801	102470.10	47118.15	15.39	1.89	
802	87314.50	47204.85	15.21	1.63	
803	99082.20	47232.25	14.31	1.96	
804	79718.40	47447.50	15.33	2.00	
805	75101.10	47527.35	16.03	1.81	
806	97260.60	47516.35	15.75	1.66	
807	97903.05	47562.45	16.29	1.37	
808	72108.90	47650.20	17.09	0.88	
809	93747.35	47673.90	15.66	1.09	
810	79009.50	47926.35	12.67	1.61	
811	112631.50	47929.20	15.39	1.17	
812	108842.55	47925.30	15.55	1.49	
813	72875.90	47973.90	16.64	0.99	
814	112364.25	47953.05	15.33	1.85	
815	106774.65	48000.30	15.24	0.87	
816	74516.55	48093.60	15.79	1.70	
817	113529.25	48049.45	15.19	1.25	
818	105755.85	48119.70	16.58	1.34	
819	93062.10	48209.55	15.30	2.14	
820	83469.60	48275.40	16.30	1.09	
821	97129.20	48385.20	15.90	1.91	
822	69493.80	48588.15	16.61	1.36	
823	93492.75	48602.70	16.27	1.45	
824	108013.05	48620.70	14.93	1.13	
825	83954.55	48639.10	14.86	1.38	

826	68860.80	48691.20	15.22	1.09	
827	91279.35	48676.35	15.49	1.77	
828	109246.05	48726.15	14.38	1.74	
829	103357.30	48739.35	13.99	0.62	
830	82981.05	48762.60	16.68	1.23	
831	79065.90	48754.35	15.69	1.81	
832	119477.40	48729.30	15.91	1.29	
833	90566.85	48823.50	16.86	1.13	
834	97380.85	48967.50	16.05	1.74	
835	66857.40	49021.80	15.45	1.34	
836	110068.35	49109.55	15.22	1.85	
837	74902.20	49136.40	15.08	2.29	
838	76346.55	49204.50	15.87	1.53	
839	98496.90	49242.75	16.09	1.39	
840	116085.60	49285.95	15.44	1.73	
841	101897.70	49311.75	15.69	1.98	
842	90106.95	49329.20	15.94	1.66	
843	112490.70	49368.30	15.97	1.93	
844	73530.45	49490.10	13.93	0.82	
845	89334.75	49513.95	16.02	1.10	
846	96344.70	49519.05	16.02	1.51	
847	81649.20	49666.35	15.97	1.24	
848	91495.80	49751.25	16.41	1.35	
849	64888.65	49782.30	16.02	1.77	
850	100402.65	49905.45	16.21	1.55	
851	84209.40	49932.90	13.65	1.49	
852	111636.85	49943.70	14.70	1.04	
853	82880.70	50067.30	16.20	1.13	
854	73782.15	50279.55	15.69	1.80	
855	116208.90	50261.40	14.74	0.75	
856	102042.30	50373.45	16.18	1.47	
857	87317.10	50483.70	16.40	1.18	
858	102294.50	50547.30	16.15	1.74	
859	70953.15	50760.45	15.95	1.25	
860	60810.30	50806.35	15.93	1.14	
861	63287.70	50912.40	15.81	0.97	
862	67434.30	50919.00	16.12	1.20	
863	118268.70	50893.50	15.77	2.04	
864	80516.70	50947.05	15.38	1.97	
865	74660.10	50995.50	15.75	2.01	
866	98907.30	51012.15	15.28	1.66	
867	104219.40	51051.45	16.04	1.24	
868	82322.70	51150.90	15.55	1.19	
869	103236.75	51222.45	16.03	1.36	
870	69912.90	51313.50	15.19	1.27	
871	106269.00	51334.50	15.67	1.07	
872	75394.75	51343.90	15.88	1.49	
873	73315.80	51555.45	16.51	0.97	
874	98584.90	51555.90	15.73	1.04	
875	82750.95	51673.20	15.41	2.14	
876	70436.50	51773.10	16.25	1.58	
877	73412.25	51760.65	16.57	1.19	
878	79705.80	51845.70	17.16	0.65	
879	110708.70	51867.90	15.91	1.93	
880	84141.60	52003.80	15.93	1.34	
881	118784.55	52019.25	16.31	1.49	
882	61368.90	52069.80	15.73	1.98	
883	104032.80	52093.05	14.97	1.68	
884	76055.85	52149.45	15.51	1.98	
885	107017.35	52142.25	15.66	0.59	
886	68263.20	52227.60	16.70	1.06	
887	110728.35	52200.60	13.90	0.60	
888	117483.15	52237.80	15.38	1.27	
889	64233.15	52317.60	14.01	1.30	
890	86831.55	52335.45	15.75	1.38	
891	100908.15	52367.10	15.90	1.18	
892	107838.25	52386.30	16.01	1.70	
893	61398.70	52464.45	15.38	1.23	
894	98083.10	52464.15	15.31	1.65	
895	91037.25	52474.30	16.41	1.08	
896	73437.40	52513.50	16.45	1.21	
897	114208.80	52489.80	16.38	1.46	
898	112199.85	52498.35	14.78	1.99	
899	68947.35	52558.95	16.16	1.38	s10
900	91741.20	52564.05	15.17	1.84	

SECTION 4 cont.

901	111475.20	52549.65	14.08	0.79	
902	93457.90	52569.45	15.40	1.91	
903	115817.85	52591.05	15.77	1.16	
904	93271.05	52634.05	16.31	0.81	
905	70291.35	52816.50	16.11	1.33	
906	81252.15	52896.90	15.38	1.33	
907	96061.05	52930.60	15.12	1.08	
908	66923.85	53037.85	15.34	1.64	
909	102470.85	53096.85	15.39	1.66	
910	105633.05	53100.75	15.34	1.34	
911	92799.75	53143.05	16.08	1.38	
912	98627.85	53162.70	15.23	1.31	
913	64007.35	53183.25	15.39	1.08	
914	93718.20	53229.60	15.76	2.10	
915	83240.85	53327.25	15.72	2.05	
916	69276.70	53367.60	16.82	0.78	
917	109061.30	53387.10	16.05	1.84	
918	106848.45	53407.50	15.17	1.78	
919	102606.25	53447.35	15.41	1.94	
920	117685.20	53446.50	16.45	1.11	
921	77102.35	53520.30	16.12	1.73	
922	108292.65	53701.65	15.43	1.80	
923	68967.15	53744.10	15.68	1.12	
924	77905.35	53752.80	15.73	1.88	
925	76830.60	53793.00	16.23	1.37	
926	117339.75	53858.35	15.60	1.52	
927	108635.70	53891.35	16.32	1.22	
928	104446.80	53937.45	15.49	1.89	
929	92652.75	53979.75	16.67	0.74	
930	74902.35	54077.10	15.73	1.32	
931	68527.95	54262.95	15.96	1.73	
932	99185.10	54262.25	16.08	1.63	
933	101035.35	54299.95	15.91	1.70	
934	83428.90	54409.05	16.28	1.00	
935	70011.75	54458.70	15.61	1.89	
936	100080.60	54460.20	16.42	1.22	
937	104145.90	54526.95	14.74	1.94	
938	89840.85	54558.90	16.22	1.38	
939	94352.85	54588.60	15.19	1.66	s43
940	84080.55	54607.05	15.33	1.95	
941	90127.35	54611.40	14.46	1.79	
942	98800.95	54610.95	14.90	2.15	
943	91158.45	54636.70	16.29	1.41	
944	104759.10	54772.30	15.88	2.03	
945	116899.95	54827.35	17.30	0.55	
946	117831.60	54946.80	14.57	1.96	
947	78404.10	55018.20	12.79	0.27	
948	111012.90	54986.10	16.25	1.69	
949	73916.65	55063.50	14.77	1.39	
950	94937.30	55077.15	13.71	1.36	
951	80893.95	55108.65	16.22	1.31	
952	67476.90	55123.95	16.11	1.41	
953	73674.00	55150.65	17.03	0.98	
954	82492.30	55222.80	15.34	1.75	
955	116828.10	55183.50	14.86	0.79	
956	117681.30	55272.30	16.10	1.45	
957	93302.40	55303.65	15.78	1.89	
958	79879.30	55334.10	15.78	1.48	
959	62014.20	55390.80	11.85	0.23	
960	111783.00	55354.20	16.80	1.10	
961	113239.05	55354.65	16.27	1.68	
962	99876.90	55414.05	15.46	1.69	
963	80630.40	55512.15	16.19	1.42	
964	86101.35	55551.00	15.79	1.87	
965	93700.15	55580.10	15.14	1.64	
966	111807.75	55620.15	16.38	1.49	
967	74782.20	55818.90	14.74	1.79	
968	82374.00	55824.45	13.01	2.07	
969	113743.95	55806.75	13.97	1.04	
970	78802.05	55948.95	13.40	1.35	
971	84420.45	55946.10	14.38	0.94	
972	118479.90	55943.35	15.86	1.60	
973	119784.00	56140.90	15.23	1.68	
974	92404.20	56160.75	16.07	1.68	
975	115298.05	56180.55	14.44	0.91	

976	66810.00	56239.20	14.14	1.30	s7
977	116997.75	56254.35	16.91	0.64	
978	72324.60	56348.50	15.53	1.88	
979	109650.00	56404.05	15.09	1.56	
980	113497.80	56409.90	15.22	0.93	
981	111914.10	56436.60	16.26	1.21	
982	79471.80	56503.05	15.07	1.88	
983	69982.20	56533.95	16.00	1.44	
984	77779.80	56569.05	15.22	1.62	
985	63823.30	56597.85	15.31	2.27	
986	106193.35	56579.10	14.18	1.71	
987	70467.15	56644.20	15.56	1.64	
988	93640.45	56672.55	16.76	1.10	
989	110691.45	56658.45	16.32	1.59	
990	110994.60	56680.95	15.49	1.17	
991	71203.05	56732.70	16.37	1.20	
992	87349.20	56719.20	16.36	1.35	
993	61889.35	56784.60	16.04	1.82	
994	113208.85	56727.00	15.05	1.17	
995	73188.70	56786.10	15.93	1.14	
996	88498.20	56843.80	16.66	1.09	
997	84712.80	56886.00	15.46	1.82	
998	76679.85	56895.45	16.30	1.44	
999	97471.05	57020.85	15.44	2.04	
1000	78702.45	57134.35	15.48	1.58	
1001	98962.20	57139.80	16.91	1.10	
1002	62823.90	57235.80	13.16	0.12	
1003	112055.25	57191.85	16.68	1.08	
1004	89323.95	57274.50	14.00	1.52	
1005	103017.30	57293.25	15.87	2.00	
1006	97693.05	57348.90	15.97	1.13	
1007	73344.60	57387.90	16.03	1.82	
1008	117341.70	57346.60	15.92	1.64	
1009	73638.35	57410.70	15.67	1.73	
1010	104335.20	57402.45	13.94	1.07	
1011	73311.15	57436.60	16.04	1.24	
1012	102760.80	57476.30	15.85	1.76	
1013	64497.60	57548.40	15.67	1.63	
1014	82138.65	57891.90	16.78	1.21	
1015	103713.20	57883.30	14.69	1.56	
1016	77622.75	57969.00	15.22	1.71	
1017	99369.30	57946.35	16.24	1.33	
1018	87842.30	57981.45	16.74	0.98	
1019	79387.80	57998.40	16.49	1.46	
1020	62419.80	58031.25	16.40	1.26	
1021	93424.75	58016.40	16.86	1.12	
1022	107481.45	58080.30	15.92	2.13	
1023	72378.15	58129.65	16.19	1.43	
1024	100889.40	58121.40	15.73	1.76	
1025	104468.40	58184.40	15.66	1.39	
1026	76132.35	58210.95	15.60	1.66	
1027	61631.95	58243.60	11.43	0.20	
1028	90385.65	58292.10	15.23	1.38	
1029	69028.95	58421.35	15.86	1.60	
1030	95734.80	58443.40	16.60	1.07	
1031	89817.90	58533.30	13.89	1.11	s44
1032	76865.85	58567.05	16.02	1.05	
1033	71764.35	58606.65	14.66	2.03	
1034	116721.15	58577.10	16.87	0.97	
1035	92272.80	58616.55	16.08	1.37	
1036	86069.10	58623.45	16.83	1.16	
1037	99712.05	58804.35	15.51	1.22	
1038	107234.50	58811.10	15.57	2.06	
1039	81132.70	58847.25	14.30	1.09	
1040	117920.40	58824.75	16.49	1.08	
1041	81770.70	58883.95	14.67	1.87	
1042	113176.80	58862.35	16.10	1.66	
1043	87318.70	58906.95	13.99	1.05	
1044	69888.15	59019.30	15.60	0.73	
1045	100651.80	59025.00	16.05	1.87	
1046	104931.30	59126.25	15.19	1.66	
1047	98986.35	59154.75	13.43	0.96	
1048	114627.00	59142.60	16.18	1.63	
1049	106921.50	59139.25	14.82	1.78	
1050	73891.35	59235.15	15.90	1.96	

1051	69263.20	59320.65	15.81	1.37	
1052	74429.40	59388.15	16.04	1.72	
1053	97717.65	59387.85	15.96	1.74	
1054	91531.05	59356.15	15.33	1.26	
1055	102201.30	59640.90	15.78	1.83	
1056	79123.25	59747.70	16.54	1.18	
1057	78468.60	59744.10	17.46	0.34	
1058	65392.00	59793.15	15.76	1.09	
1059	116379.15	59764.35	15.45	1.73	
1060	63387.75	59839.50	13.79	1.43	
1061	92831.70	59847.60	14.63	1.67	
1062	82308.45	59857.20	14.81	2.01	
1063	73985.40	60032.70	17.47	0.45	
1064	119384.95	60000.45	13.69	1.27	
1065	78572.85	60060.15	15.80	2.08	
1066	105312.15	60122.85	14.45	0.82	
1067	69192.30	60167.85	16.22	1.49	
1068	92198.70	60170.55	15.86	1.10	
1069	118681.65	60292.65	15.04	1.91	
1070	120643.35	60327.15	16.08	1.57	
1071	99097.80	60358.65	15.32	1.73	
1072	104312.40	60485.25	16.31	0.97	
1073	94256.70	60521.40	14.98	1.06	
1074	90691.95	60608.55	14.87	1.25	
1075	72657.60	60669.45	14.43	1.49	
1076	97698.60	60644.20	15.35	2.33	

SECTION 5

1	91806.90	60732.75	17.04	0.90	
2	116622.00	60734.40	16.26	1.18	
3	90017.10	60812.40	15.39	1.81	
4	93046.35	60850.80	15.44	1.66	
5	70603.30	60948.15	15.49	1.79	
6	91148.25	60931.20	15.73	1.96	
7	82669.80	61044.75	15.91	1.92	
8	81673.20	61185.90	16.43	1.45	
9	102826.35	61184.70	16.11	1.69	
10	61056.45	61276.20	14.19	1.40	
11	106441.65	61255.05	13.96	1.28	
12	67735.65	61357.20	15.34	1.21	
13	93469.20	61389.90	16.09	1.03	
14	113791.80	61418.25	15.88	0.92	
15	104943.60	61536.30	15.62	1.16	
16	103636.45	61582.80	15.76	1.47	
17	119679.45	61366.75	14.68	1.84	
18	111164.35	61626.75	12.51	1.38	
19	106853.35	61733.50	13.94	1.69	
20	108358.50	61763.40	15.98	1.06	
21	107883.35	61859.35	16.48	1.11	
22	91884.30	61868.40	13.33	0.61	s36
23	97468.65	61930.35	17.29	0.61	
24	118079.40	61995.60	14.95	1.07	
25	68577.45	62081.85	16.51	1.19	
26	81058.95	62043.30	16.63	1.23	
27	80281.80	62076.90	13.74	0.79	
28	62005.35	62227.80	15.49	2.15	
29	106046.35	62262.30	16.06	1.47	
30	114642.00	62279.25	16.45	1.35	
31	64675.65	62347.50	14.90	0.99	
32	119739.45	62336.25	13.82	1.23	
33	113182.90	62494.50	16.28	1.41	
34	74137.75	62358.10	16.10	1.33	
35	98444.20	62344.75	15.79	1.77	
36	118242.30	62340.95	16.78	1.20	
37	106026.90	62398.15	16.39	0.36	
38	95390.50	62693.55	14.32	1.74	
39	66886.20	62738.55	15.28	1.12	
40	91340.55	62728.65	15.21	1.71	
41	63323.70	62774.85	15.34	1.08	
42	119465.10	62750.70	15.46	0.90	
43	99191.10	62818.95	15.60	2.15	
44	70938.60	62867.40	13.92	1.87	
45	76105.80	62911.80	16.67	1.01	
46	113134.90	62937.90	16.89	1.08	
47	77879.70	63048.55	16.48	1.51	
48	96899.55	63057.30	16.39	1.32	
49	61360.65	63173.10	15.01	1.78	
50	83835.90	63294.75	16.47	1.52	
51	109501.95	63330.30	15.74	1.64	
52	112011.15	63349.50	15.24	1.03	
53	63497.50	63447.15	15.33	1.88	
54	104382.60	63449.40	16.00	1.36	
55	82110.30	63468.30	16.39	1.20	
56	70259.95	63490.20	15.60	2.07	
57	88626.60	63490.95	15.88	0.98	
58	93281.85	63545.85	16.30	1.69	
59	116295.15	63510.30	15.41	1.58	
60	79162.05	63640.05	15.28	1.67	
61	95081.10	63721.65	16.47	1.17	
62	81338.10	63742.35	14.28	1.66	
63	83635.25	63854.85	15.92	1.48	
64	92290.50	63843.70	16.08	1.77	
65	87091.65	63892.05	15.71	1.13	
66	73948.75	63928.65	14.66	1.12	s5
67	113001.90	63898.80	15.42	2.06	
68	107732.40	63905.40	16.62	1.02	
69	97170.90	63929.25	16.72	0.93	
70	96183.30	63930.90	16.05	1.07	
71	100346.10	63965.55	15.97	1.64	
72	106413.25	63982.80	15.99	1.68	
73	97875.30	63994.20	16.70	0.98	
74	108392.70	64036.35	15.14	1.39	
75	76382.25	64165.65	16.63	1.28	
76	96396.15	64156.50	15.69	0.82	v4
77	117058.95	64167.90	15.31	1.71	
78	81178.20	64303.65	16.36	1.52	
79	105268.65	64291.20	16.38	1.45	
80	89215.20	64331.55	14.89	1.67	
81	99047.40	64329.15	15.86	1.90	
82	94333.20	64441.65	13.82	2.12	
83	98446.50	64467.45	15.37	1.29	
84	72273.90	64507.35	16.41	1.17	
85	61093.60	64564.50	15.09	1.03	
86	98104.05	64550.85	15.65	2.19	
87	91330.90	64664.70	15.45	2.29	
88	84613.05	64702.80	16.28	1.35	
89	87875.85	64959.30	12.81	1.41	
90	105093.45	64998.90	11.64	1.19	s2
91	63446.85	65089.80	15.74	2.03	
92	104293.05	65122.20	16.50	1.34	
93	101902.20	65129.70	15.46	1.08	
94	112329.45	65124.60	16.38	1.38	
95	114952.20	65134.00	14.56	1.94	
96	73882.60	65216.85	16.28	1.26	
97	96735.75	65223.15	12.96	0.53	
98	73184.50	65264.25	15.53	2.03	
99	110862.15	65287.35	15.28	2.09	s41
100	118070.25	65316.90	15.42	1.89	
101	69770.10	65355.15	17.06	0.94	
102	113501.55	65367.75	14.81	1.24	
103	79249.95	65446.80	15.47	1.85	
104	109507.80	65490.45	17.00	0.96	
105	85956.30	65527.50	16.01	1.25	
106	63050.70	65647.20	15.93	2.17	
107	112939.65	65618.40	15.48	1.90	
108	76800.75	65698.65	15.60	0.63	
109	86473.50	65710.20	15.62	1.16	
110	107356.45	65712.45	15.02	1.50	
111	80787.90	65784.90	15.68	1.78	
112	66072.00	65848.65	14.97	1.60	
113	94207.05	65897.85	15.76	1.90	
114	114629.10	65974.50	16.34	1.60	
115	81390.40	66057.45	15.77	1.82	
116	113844.85	66041.25	15.79	2.03	
117	92794.65	66081.45	16.35	1.61	
118	105104.25	66099.00	15.60	2.30	
119	91393.65	66134.55	15.83	1.76	
120	78427.50	66152.10	16.39	1.60	
121	94953.15	66165.60	16.51	1.27	
122	74053.00	66209.25	15.78	1.19	
123	73878.15	66219.60	16.32	1.35	
124	82913.85	66248.10	16.70	1.18	
125	77980.20	66292.50	15.68	1.70	
126	85193.70	66278.25	14.00	0.83	
127	112103.70	66263.40	14.57	1.96	
128	63046.95	66372.75	16.03	1.71	
129	99950.40	66377.55	16.14	1.06	
130	89216.85	66420.90	15.82	1.33	
131	72072.00	66464.50	15.59	1.42	
132	113177.30	66434.90	16.78	1.07	
133	92312.10	66489.55	16.09	0.86	
134	112130.55	66490.75	15.83	1.65	
135	94841.25	66766.95	15.56	1.17	
136	72808.35	66801.00	15.57	0.70	
137	85537.65	66818.25	16.26	1.14	
138	102924.60	66813.15	15.33	1.21	
139	83979.90	66865.95	14.98	1.16	
140	111728.85	66838.95	15.72	1.86	
141	112113.70	66916.95	15.44	1.84	
142	69032.85	66988.65	15.94	1.70	
143	114363.20	67008.30	15.55	2.36	
144	116056.05	67063.65	16.78	1.04	
145	99053.35	67083.75	14.94	1.06	
146	87190.50	67129.35	16.73	0.72	
147	116463.00	67121.70	15.26	2.18	
148	100900.65	67163.05	16.81	0.62	
149	89960.70	67211.10	13.95	1.30	
150	91842.45	67230.45	14.91	1.73	
151	74069.40	67391.85	15.36	1.00	
152	83772.10	67386.75	17.13	0.94	
153	107363.10	67393.45	15.55	1.63	
154	70844.55	67547.25	15.54	1.86	
155	111138.00	67636.95	15.47	2.02	
156	71842.35	67702.35	14.32	1.69	
157	68632.65	67757.85	15.31	2.10	
158	99242.25	67739.55	15.64	1.30	
159	106784.70	67746.75	14.40	1.95	
160	64136.70	67800.45	15.32	1.92	
161	94381.75	67802.55	15.44	2.05	
162	79248.00	67830.90	16.26	1.33	
163	96811.20	67827.00	16.23	0.99	
164	89236.60	68008.95	16.17	1.61	
165	96373.15	68025.75	16.32	0.99	
166	102663.25	68038.60	16.45	1.44	
167	78196.20	68246.85	15.96	1.24	
168	85950.60	68267.70	15.24	1.72	
169	102253.20	68322.45	14.31	1.68	s33
170	82120.65	68430.15	16.27	1.57	
171	112210.20	68308.45	14.83	1.06	
172	91331.10	68329.35	15.02	2.18	
173	97925.25	68361.25	16.40	1.23	
174	98415.30	68378.50	12.37	0.40	
175	73105.15	68415.25	16.62	1.15	
176	104338.50	68408.65	16.05	1.19	
177	93924.85	68426.20	16.42	1.06	
178	63676.00	68431.35	17.17	0.52	
179	82563.30	68446.00	15.98	1.31	
180	105090.90	68464.00	16.67	0.90	
181	83844.10	68728.65	15.96	1.71	
182	107668.05	68716.80	15.01	1.71	
183	111058.05	68723.40	16.43	1.17	
184	90014.25	68767.35	15.27	1.82	
185	82076.10	68793.30	16.12	1.59	
186	106086.75	68810.40	16.34	1.31	
187	73903.75	68925.75	15.43	1.31	
188	64751.40	68979.00	16.19	1.45	
189	87216.45	69100.95	14.82	1.41	
190	112077.60	69096.75	13.35	0.38	
191	90526.05	69108.90	13.84	0.81	
192	108879.00	69131.05	15.70	1.20	
193	68134.80	69249.60	15.41	1.54	
194	96319.90	69272.40	16.82	1.08	
195	102482.55	69356.70	16.12	1.70	
196	119546.40	69359.25	16.94	1.00	
197	80359.20	69436.80	15.77	2.03	
198	99184.50	69508.80	15.98	1.57	
199	62260.95	69615.45	13.69	1.71	
200	64771.50	69634.50	15.75	1.87	
201	71454.30	69634.20	15.00	1.38	
202	79388.10	69634.35	15.88	2.11	
203	61521.90	69664.95	16.08	1.89	
204	69761.35	69674.10	16.14	1.47	
205	88784.10	69676.80	16.05	1.46	
206	120382.50	69699.15	16.45	1.35	
207	98580.60	69734.55	15.16	1.83	
208	83643.80	69757.80	15.83	1.15	
209	108066.60	69757.35	15.35	1.28	
210	75601.80	69902.10	14.94	1.98	
211	118644.25	69885.00	15.62	1.21	
212	102341.65	69904.20	16.17	1.39	
213	81918.75	69973.95	16.14	1.49	
214	93247.95	69981.75	14.42	1.61	
215	99876.90	69990.30	16.15	1.64	
216	99128.10	70019.25	15.78	2.10	
217	60863.70	70215.00	15.98	1.94	
218	86347.15	70202.10	15.83	1.92	
219	91036.90	70250.55	15.08	1.27	
220	78109.35	70263.75	15.10	1.07	
221	75348.85	70445.25	17.23	0.17	
222	82207.05	70432.50	16.12	1.71	
223	64253.85	70440.90	16.17	1.40	
224	71305.80	70465.65	16.14	1.13	
225	100896.60	70448.85	15.79	1.98	s34
226	77704.80	70548.15	15.19	1.91	
227	79817.10	70537.50	17.22	0.76	
228	85685.10	70573.20	15.95	2.02	
229	73050.15	70636.05	15.21	1.86	
230	74526.75	70737.75	15.95	2.00	
231	94382.25	70802.10	14.81	1.67	
232	100966.50	70823.85	15.39	0.97	
233	73729.50	70866.75	15.30	1.77	
234	92266.05	70942.35	14.35	1.08	
235	76326.00	71010.90	17.03	0.83	
236	82356.15	71028.30	14.61	2.03	
237	87913.50	71097.30	15.58	1.33	
238	68494.35	71163.00	14.75	1.07	
239	73806.25	71173.20	16.35	1.60	
240	71368.20	71383.05	15.27	1.15	
241	69885.60	71387.85	15.53	0.92	
242	87585.60	71403.75	16.06	1.83	
243	114718.65	71374.80	17.39	0.59	
244	78031.65	71506.05	15.55	2.08	
245	74376.60	71536.65	14.81	2.00	
246	109840.05	71586.90	15.56	2.02	
247	114147.60	71608.05	15.96	1.97	
248	79929.45	71651.40	14.06	1.29	
249	62676.45	71728.20	14.68	1.20	
250	61113.15	71847.75	13.96	0.62	
251	113792.55	71898.15	15.42	1.93	
252	117569.70	71965.95	14.67	1.97	
253	81210.30	72017.85	15.63	1.69	
254	73592.40	72082.80	15.85	1.98	
255	119115.00	72084.45	16.25	1.49	
256	88264.50	72121.65	15.65	1.15	
257	90180.30	72172.50	15.92	1.30	
258	64134.00	72255.45	15.96	1.92	
259	83177.25	72241.30	15.77	1.45	
260	109210.05	72256.35	15.75	1.08	
261	66460.65	72289.20	15.75	1.89	
262	113924.55	72287.85	15.63	1.94	
263	116934.75	72279.60	14.37	2.29	v62
264	111138.15	72373.50	15.88	2.12	
265	86491.50	72633.15	16.29	1.35	c4202
266	93245.10	72680.70	15.63	2.23	
267	76185.45	72727.05	16.15	1.57	
268	92936.25	72730.80	15.77	1.11	
269	86472.60	72846.25	14.99	1.98	c4203
270	64978.20	72916.20	15.52	0.87	
271	86108.85	72919.20	15.14	1.94	c4204
272	79032.15	72960.75	15.96	1.92	
273	85282.20	73021.05	16.47	1.48	c4214
274	110949.45	73126.95	15.85	1.84	
275	84116.55	73176.60	15.78	1.77	c
276	92785.65	73167.30	17.25	0.68	
277	110156.25	73300.95	15.84	1.13	
278	85586.70	73380.90	15.23	0.80	c4213
279	75634.35	73541.55	15.57	1.23	
280	67278.15	73560.75	14.68	0.80	
281	66745.20	73591.95	16.60	1.16	
282	94198.50	73611.00	14.27	1.63	
283	117314.70	73619.10	15.83	2.19	
284	79700.40	73681.50	12.73	0.44	
285	89899.95	73782.60	14.81	2.17	c3238
286	84375.90	73857.30	15.10	1.78	c4215
287	73337.50	73920.60	15.22	1.40	
288	96357.90	73927.20	15.91	1.13	
289	77262.75	73960.05	15.98	1.69	
290	70822.50	74043.90	15.74	1.58	
291	88896.90	74044.05	14.72	1.24	c3246
292	108300.45	74054.70	14.39	1.85	
293	76134.10	74207.85	15.90	1.22	
294	103729.95	74244.15	16.47	1.07	
295	65315.55	74314.65	15.63	0.93	
296	82524.00	74310.00	15.97	1.88	c
297	112385.70	74316.45	16.65	1.09	
298	91367.70	74385.45	13.96	1.00	c
299	89082.60	74434.95	15.91	1.76	c3245
300	100677.75	74520.00	15.03	1.01	

SECTION 5 cont.

301	69961.20	74665.95	16 72	1 13		
302	85044.30	74649.60	16 08	1 75	c4218	
303	68016.15	74682.90	14 04	1 23		
304	75173.70	74727.15	16 28	1 18		
305	86725.20	74717.85	14 40	1 13	c4207	
306	68363.35	74747.25	15 52	1 89		
307	84346.05	74736.15	16 09	1 46	c	
308	80011.05	74751.30	15 88	1 57		
309	83987.05	74764.35	16 55	1 04	c4211	
310	81087.75	74859.00	15 17	1 90		
311	93653.10	74863.45	16 40	1 57		
312	113022.25	74909.40	15 55	1 81		
313	116193.40	75031.65	15 00	2 01		
314	83258.85	75071.70	16 09	1 21	c4224	
315	103403.65	75114.15	15 82	1 93		
316	93305.60	75164.25	14 31	2 00		
317	88523.40	75195.90	14 77	2 15	c3244	
318	99555.45	75318.30	15 29	1 07	s36	
319	79106.35	75346.65	16 73	0 49		
320	89703.45	75392.55	15 94	1 64	c3240	
321	94341.30	75402.00	15 51	1 61		
322	91480.80	75418.20	15 71	1 98	c3223	
323	120645.30	75388.65	14 84	1 46		
324	71628.00	75446.80	16 59	1 26		
325	76698.30	75512.10	16 83	1 09		
326	120044.25	75477.60	14 36	0 99		
327	113433.25	75515.40	14 71	2 01		
328	62893.20	75570.15	15 85	0 88		
329	88409.85	75597.90	15 44	2 12	c	
330	103327.65	75599.40	17 17	0 34		
331	107480.70	75676.05	15 73	1 40		
332	71330.35	75795.90	15 10	2 08		
333	118936.30	75770.70	15 31	2 33		
334	69809.25	75832.95	15 63	1 80		
335	84057.45	75893.70	14 35	2 29	c4223	
336	93327.35	75934.80	13 63	1 49		
337	83104.90	75952.65	15 37	2 15	c4219	
338	120442.80	75921.90	14 73	0 85		
339	79827.00	75972.15	16 28	1 91		
340	78263.35	76016.10	15 88	1 09		
341	76242.75	76049.85	15 72	1 44		
342	74317.05	76085.10	15 91	2 10		
343	91172.70	76076.25	15 66	1 84	c3224	
344	90250.50	76108.35	14 97	1 30	c3227	
345	64019.25	76217.70	14 22	0 81		
346	106574.35	76181.70	14 53	0 88		
347	83849.35	76218.90	14 87	2 28	c	
348	118486.05	76208.85	15 75	2 04		
349	89192.70	76242.15	14 57	2 20	c3243	
350	113303.55	76344.15	16 77	1 23		
351	74449.80	76405.20	16 23	1 05		
352	99371.55	76399.20	16 72	1 00		
353	69682.20	76434.15	15 32	1 54		
354	76644.30	76563.00	15 77	1 93		
355	84787.80	76578.90	15 14	2 25	c4220	
356	102297.90	76603.80	14 32	2 03	s34	
357	86367.60	76644.30	15 44	2 14	c	
358	78621.00	76649.85	16 15	1 47		
359	93393.25	76665.60	15 96	2 04	c	
360	83128.50	76726.80	16 42	1 42	c4227	
361	96006.90	76765.20	14 93	2 04		
362	91817.40	76858.95	15 82	1 31	c3216	
363	89738.40	76897.20	15 61	1 64	c	
364	109693.95	76900.65	16 86	1 03		
365	81337.40	76921.95	14 69	2 06	c4238	
366	116484.45	76920.90	16 81	1 06		
367	96378.75	76956.00	15 88	1 30		
368	90018.45	76973.20	15 87	1 87	c	
369	119730.60	76969.35	16 74	1 03		
370	104690.35	77019.00	15 68	1 82		
371	104194.65	77020.80	15 89	1 94		
372	70931.70	77064.30	13 70	1 84		
373	111415.35	77131.60	15 30	2 26		
374	62398.75	77180.10	16 42	1 45		
375	85786.00	77223.60	15 68	2 34	c4106	

376	70475.70	77252.85	16 20	1 80		
377	102874.05	77221.05	14 57	1 94		
378	68451.75	77352.00	15 98	1 12		
379	61123.50	77430.45	15 53	0 90		
380	103945.15	77381.25	16 44	1 26		
381	81439.65	77427.00	16 42	1 38	c4239	
382	78441.30	77459.55	16 17	1 57		
383	90263.95	77474.10	14 51	2 16	c	
384	113222.20	77443.65	15 94	1 49		
385	70062.60	77310.70	15 07	1 75		
386	94795.65	77346.10	14 93	1 01		
387	99753.60	77355.85	15 46	1 88		
388	76833.00	77674.20	16 43	1 26		
389	102229.05	77663.25	13 74	0 93		
390	91240.80	77774.25	15 70	1 83	c	
391	74785.35	77841.85	14 26	1 63		
392	82847.85	77877.15	15 20	1 95	c4232	
393	90449.10	77875.05	15 11	2 26	c3213	
394	76937.85	77907.60	14 28	1 94		
395	80791.80	78034.50	15 94	1 80	c4241	
396	72667.80	78037.95	15 20	2 22	s38	
397	78413.85	78037.50	16 22	1 48		
398	98007.90	78047.25	14 58	2 12		
399	76228.20	78138.30	16 35	1 16		
400	81989.25	78245.25	16 18	1 81	c4245	
401	82447.80	78271.20	15 78	1 59	c4246	
402	104132.05	78255.30	15 93	1 81		
403	70313.85	78294.60	16 36	1 23		
404	93369.30	78290.70	15 42	2 01		
405	103950.25	78311.55	16 12	1 15		
406	83710.05	78405.90	15 72	1 78	c4229	
407	92232.15	78404.70	14 20	2 15	c3206	
408	81921.80	78440.70	15 93	1 09		
409	97193.35	78389.05	15 90	1 66		
410	90091.95	78605.85	16 08	1 74	c3112	
411	81977.70	78673.35	15 94	1 43	c	
412	105422.55	78704.55	14 87	1 04		
413	62367.30	78760.65	16 74	1 19		
414	109775.70	78707.70	16 35	1 14		
415	63425.70	78782.85	16 09	1 70		
416	116247.45	78773.25	14 36	1 90		
417	106309.45	78803.25	16 27	1 47		
418	110418.60	78810.90	15 00	1 03		
419	98036.25	78865.20	14 31	0 77		
420	118573.05	78992.85	15 26	1 19		
421	83653.30	79047.15	16 21	1 73	c	
422	90928.80	79049.95	15 37	1 97	c	
423	104385.60	79113.00	15 96	1 94		
424	119781.10	79140.60	10 92	0 21		
425	112459.50	79166.55	15 19	0 88		
426	98482.05	79261.80	16 69	1 15		
427	94845.45	79276.35	15 15	0 58		
428	84370.20	79388.25	16 01	1 90	c1110	
429	93064.05	79437.60	16 17	1 61	c2245	
430	82331.85	79484.10	14 75	2 15	c1208	
431	114182.40	79508.40	16 47	1 31		
432	98773.05	79562.55	14 21	1 48		
433	76473.60	79626.60	16 39	1 00		
434	91604.55	79629.75	16 00	1 48	c	
435	117761.55	79645.80	15 92	2 07		
436	78854.55	79689.00	16 20	1 46		
437	103511.25	79684.20	13 94	1 32		
438	72406.65	79777.95	13 64	1 25		
439	119935.50	79755.15	16 09	1 73		
440	63100.80	79885.50	16 25	1 64		
441	97481.55	79836.20	16 18	1 50		
442	80825.85	79928.85	15 23	2 21	c1202	
443	67352.25	79948.95	15 78	2 05		
444	110966.40	79949.55	15 78	1 47		
445	120559.50	79955.85	16 31	1 58		
446	78538.50	80031.75	15 69	1 62		
447	117223.05	79986.90	16 82	0 98		
448	118621.05	80166.00	15 96	1 74		
449	97412.85	80224.35	16 15	1 28		
450	76139.35	80323.60	15 80	1 84		

451	80221.50	80443.80	15 24	1 05		
452	70173.75	80515.80	15 26	1 03		
453	105469.20	80494.95	17 00	0 52		
454	69050.70	80615.70	11 98	1 45		
455	79290.65	80641.20	15 46	2 19		
456	119921.25	80765.70	14 21	1 67		
457	89384.25	80829.35	15 21	1 66	c	
458	90896.10	80887.20	15 99	1 97	c2241	
459	71322.90	80934.45	15 80	0 79		
460	79692.60	80936.40	15 31	2 27		
461	93063.70	80929.35	13 33	1 45		
462	83122.80	80959.95	14 38	2 10	c	
463	78722.40	81001.50	16 87	1 09		
464	100863.30	81002.85	15 04	1 05		
465	101783.20	81030.15	15 48	1 66		
466	100271.70	81035.40	16 29	1 57		
467	103584.55	81042.45	15 84	1 34		
468	108920.70	81042.90	16 08	1 68		
469	93168.60	81070.80	14 82	1 88	c2248	
470	66584.25	81150.30	16 66	1 10		
471	63143.55	81297.45	14 28	1 57		
472	79963.15	81310.65	15 29	1 72		
473	73623.30	81312.00	14 73	1 86		
474	81213.60	81354.45	16 00	1 42	c1217	
475	105777.75	81430.95	14 17	1 78		
476	61907.85	81490.50	13 74	2 08		
477	89542.50	81427.35	15 69	0 73	c2108	
478	87468.30	81674.25	15 36	2 24	c	
479	79682.40	81790.35	14 97	1 96		
480	67336.35	81837.25	15 69	2 11		
481	111057.00	81864.30	15 49	1 70		
482	74586.60	81905.25	14 11	0 77		
483	87189.45	81965.10	14 94	2 20	c1101	
484	82465.35	81968.85	14 41	2 14	c	
485	84160.95	81984.45	14 70	2 28	c1232	
486	114438.40	81963.15	15 39	1 96		
487	106192.05	82032.60	15 97	1 82		
488	90256.65	82046.70	14 85	1 40	c	
489	70222.95	82132.20	15 64	1 77		
490	90978.45	82129.65	15 00	2 12	c	
491	83742.30	82196.85	15 02	2 09	c	
492	91952.55	82250.55	14 63	2 18	c2236	
493	100217.55	82248.75	15 72	1 33		
494	73854.30	82285.50	16 87	0 80		
495	105401.10	82408.20	14 96	1 71		
496	67699.95	82522.20	16 20	1 81		
497	75085.65	82537.15	14 34	1 44		
498	68915.25	82603.20	16 11	1 39		
499	86817.00	82587.60	15 16	2 05	c	
500	108031.30	82644.60	16 05	1 76		
501	62279.55	82658.25	14 98	1 45		
502	74440.75	82704.75	15 63	1 43		
503	73131.10	82711.35	15 70	1 37		
504	67364.10	82735.95	15 37	1 00		
505	90318.15	82791.30	16 01	1 74	c2231	
506	106192.20	82780.95	15 34	1 10		
507	89846.40	82803.60	15 71	1 71	c2228	
508	75843.15	82830.25	15 78	2 07		
509	112148.85	82815.60	16 25	1 29		
510	85014.15	82848.00	16 15	1 75	c1239	
511	92318.20	82914.00	16 69	1 24	c	
512	118034.50	82910.40	16 10	1 20		
513	92305.05	82992.60	14 89	1 81	c2235	
514	114217.65	82972.35	15 63	1 21		
515	70409.10	83087.40	14 89	2 01		
516	75343.75	83116.80	14 60	1 69		
517	116304.40	83113.35	16 16	1 82		
518	108980.40	83220.75	16 26	1 23		
519	119217.30	83228.85	16 63	1 32		
520	88097.40	83253.15	16 11	1 63	c	
521	96074.10	83306.85	15 60	2 00		
522	117600.15	83314.20	15 38	1 03		
523	81302.95	83461.05	16 38	1 59		
524	90927.90	83478.00	14 82	2 03	c	
525	118981.80	83468.55	16 32	1 18		

526	107960.55	83558.25	15 94	1 80		
527	112831.65	83617.50	15 98	2 02		
528	100746.30	83662.20	16 25	1 70		
529	88021.50	83802.60	15 68	1 31	c	
530	63837.15	83851.65	15 55	1 56		
531	101040.60	83874.45	15 74	2 26		
532	109086.90	83905.80	15 93	1 50		
533	81346.20	84001.05	14 67	0 79		
534	118969.50	83972.55	15 96	1 37		
535	83340.15	84047.70	15 55	2 24	c1226	
536	70523.25	84139.80	15 74	1 17		
537	112162.35	84150.90	16 60	1 22		
538	94908.90	84224.40	16 54	1 17		
539	92085.60	84242.25	14 24	1 76	c	
540	88636.50	84235.30	14 19	1 79	c2214	
541	83796.45	84279.00	15 17	2 15	c1227	
542	107145.00	84266.10	16 03	1 21		
543	117911.85	84343.30	15 70	2 08		
544	94390.80	84401.85	15 80	1 12		
545	89736.85	84413.50	15 96	1 64	c2223	
546	81142.95	84459.15	15 99	1 58		
547	102894.45	84450.45	15 82	1 92		
548	98832.60	84612.90	14 41	1 61		
549	80841.30	84676.95	16 22	1 34		
550	92214.45	84673.20	15 83	1 52		
551	103512.00	84681.15	16 69	1 23		
552	91801.50	84726.90	14 98	1 77		
553	73820.05	84756.60	16 44	1 48		
554	117697.20	84724.05	15 67	1 30		
555	61981.65	84821.25	15 35	2 11		
556	80434.95	84940.65	16 34	1 52		
557	79984.35	84949.65	15 96	1 31		
558	80024.55	85053.90	15 81	0 90		
559	87441.60	85075.05	15 56	1 11	c2202	
560	110392.50	85108.05	16 03	1 93		
561	98485.35	85160.25	15 49	1 06		
562	103063.10	85132.60	14 57	1 69		
563	90342.75	85180.65	16 03	1 84	c2225	
564	97270.80	85178.70	16 05	1 71		
565	71275.50	85201.95	13 75	1 85		
566	107319.10	85190.40	15 27	2 19		
567	66485.85	85280.55	15 97	1 33		
568	99640.65	85421.25	14 57	1 80		
569	70784.70	85481.55	14 91	0 93		
570	87358.05	85473.30	15 01	1 98	c2201	
571	97723.95	85518.00	17 24	0 38		
572	89571.75	85758.00	16 30	1 36	c	
573	99507.15	85804.50	16 63	1 14		
574	92887.20	85848.45	16 33	0 99		
575	91199.40	85861.05	16 22	1 63		
576	82425.30	85875.60	15 90	1 27		
577	88007.25	85968.30	14 45	1 76	c	
578	119187.90	85975.05	15 61	1 38		
579	80272.05	86100.75	15 84	0 97	v92	
580	100059.30	86194.80	15 18	1 05	s29	
581	68131.80	86242.30	16 41	1 84		
582	109491.00	86267.25	16 58	1 36		
583	84735.55	86393.25	16 23	1 32		
584	71254.50	86474.10	16 13	1 71		
585	118921.95	86419.35	14 95	1 17		
586	98511.90	86510.25	14 90	1 65		
587	87499.35	86533.50	15 76	2 10		
588	93830.10	86571.15	15 33	2 10	s24	
589	109010.10	86558.10	15 17	1 02		
590	97804.05	86671.30	16 73	1 24		
591	84793.35	86687.85	16 31	1 35		
592	78083.70	86768.55	16 26	1 02		
593	104623.05	86775.45	15 98	1 87		
594	96592.35	86904.45	16 45	1 24		
595	98838.75	86901.15	16 49	1 00	s30	
596	106378.95	86914.35	16 19	1 32		
597	72317.70	86947.20	12 78	0 97		
598	81221.25	86951.55	16 28	1 43		
599	64663.05	86970.00	15 26	0 98		
600	73604.20	87088.65	16 53	1 34		

SECTION 5 cont.

601	93270.30	87104.40	15.78	1.25		
602	117605.25	87087.75	16.07	1.32		
603	61175.70	87374.40	15.96	1.65		
604	99453.40	87357.60	15.67	1.31		
605	78802.65	87375.45	15.76	1.73		
606	88530.00	87459.30	17.08	0.90		
607	88073.05	87506.40	16.29	1.22		
608	110533.50	87517.05	14.43	1.60		
609	103743.90	87543.45	15.27	2.16		
610	91668.45	87573.45	15.17	1.88		
611	77569.35	87599.55	16.22	1.64		
612	115331.85	87676.95	14.00	1.55		
613	86840.10	87721.35	15.36	2.05		
614	95833.50	87724.80	15.97	1.67		
615	72567.15	87798.00	16.30	1.14		
616	74151.45	87831.45	14.33	1.91		
617	93446.05	87820.65	14.25	1.39		
618	104420.10	87862.05	16.36	1.18		
619	83919.85	87913.30	15.78	2.15		
620	100912.95	87902.25	15.15	1.37		
621	118291.50	87893.55	16.02	1.23		
622	105352.80	87944.40	15.91	1.21		
623	93985.35	87983.40	15.99	1.37		
624	64459.30	88059.15	16.65	1.31		
625	83473.20	88113.70	16.42	0.99		
626	90250.65	88196.85	14.19	1.78		
627	96585.15	88244.70	16.41	1.02		
628	76952.70	88273.50	16.15	1.18		
629	108285.60	88269.45	16.06	1.46		
630	66353.30	88310.10	16.12	1.74		
631	84911.05	88435.85	14.74	2.06		
632	105829.65	88483.50	15.35	0.94		
633	88731.30	88508.95	14.71	1.76		
634	113453.85	88616.85	17.23	0.73		
635	99499.80	88725.30	15.73	2.08		
636	71480.70	88762.35	16.46	1.28		
637	78986.35	88877.25	16.29	1.67		
638	113244.00	88902.15	15.74	1.45		
639	99400.80	88993.05	15.48	2.07		
640	78472.35	89054.55	15.46	1.70	s53	
641	83883.45	89076.90	15.87	2.12		
642	113943.65	89083.75	16.38	1.08		
643	69268.20	89160.15	16.05	1.86		
644	85466.40	89150.40	15.76	1.88		
645	72346.50	89314.35	17.10	0.95		
646	97351.20	89294.40	15.30	1.41		
647	73225.20	89376.00	17.22	0.73		
648	80269.95	89403.75	15.75	0.99		
649	72699.00	89526.30	15.65	1.23		
650	78268.50	89628.75	15.96	1.23		
651	64542.75	89695.65	15.22	1.30		
652	91132.50	89694.00	15.80	1.19	s51	
653	113231.05	89797.80	16.11	1.14		
654	112413.75	89933.85	16.63	0.93		
655	70453.80	90008.70	16.38	1.24		
656	79121.85	90031.05	14.71	0.99		
657	67447.50	90130.30	16.14	1.79		
658	89457.90	90123.75	14.97	1.39		
659	83079.90	90144.60	16.89	0.95		
660	105091.95	90133.80	15.79	1.73		
661	98083.65	90198.75	15.11	1.54		
662	116702.40	90426.60	17.14	0.39		
663	76729.60	90323.65	16.26	1.28		
664	82047.00	90346.15	16.27	1.69		
665	63290.20	90570.90	16.19	1.05		
666	73172.05	90676.80	15.11	1.36		
667	74693.10	90708.45	16.51	1.42		
668	109327.80	90712.05	15.53	0.85		
669	99104.40	90716.25	16.75	0.99		
670	113584.80	90731.70	16.38	1.19		
671	104214.00	90770.85	14.91	1.50		
672	120113.05	90826.80	16.11	1.52		
673	89299.05	90874.95	15.76	1.88		
674	78130.05	90895.95	16.19	1.72		
675	112774.05	90990.75	14.01	1.00		

676	101576.40	91043.55	16.42	0.99		
677	113462.40	91032.45	16.00	1.85		
678	96945.45	91226.70	14.92	0.93		
679	91241.70	91242.90	15.67	1.83		
680	65507.85	91341.00	15.47	1.32		
681	99174.30	91343.55	16.13	0.72	r67	
682	84601.35	91390.05	16.31	0.96		
683	109193.40	91369.05	15.89	0.89		
684	111717.60	91494.00	15.68	1.05		
685	74311.90	91533.15	15.89	1.12		
686	117962.70	91510.20	13.82	0.69		
687	78395.05	91616.25	15.80	1.05		
688	70033.05	91607.70	15.00	1.67		
689	87169.95	91619.10	16.26	1.35	r5	
690	74252.25	91645.95	16.40	1.51		
691	76362.30	91643.70	14.15	1.66		
692	113657.85	91671.45	15.11	0.94		
693	96499.15	91795.05	15.80	1.60		
694	89896.50	91849.15	16.13	1.76		
695	67127.70	92005.80	14.78	1.00		
696	112570.65	92024.25	15.84	1.99		
697	84507.30	92204.55	16.39	1.60		
698	102969.00	92123.55	15.05	1.14		
699	91373.10	92219.70	14.95	1.60		
700	73930.75	92280.45	15.24	1.84		
701	113734.80	92283.60	15.48	2.05		
702	89447.25	92349.15	15.72	1.08		
703	109303.50	92375.85	16.35	1.57		
704	104235.00	92424.30	13.80	0.74		
705	85909.95	92433.75	13.79	1.64		
706	61184.10	92483.70	17.03	0.38		
707	68197.20	92542.20	14.98	0.98		
708	110585.85	92612.55	16.32	0.99		
709	68388.85	92789.85	15.77	1.11		
710	80887.35	92868.75	15.36	1.77		
711	83300.05	92883.45	15.07	0.92		
712	83041.50	92889.75	15.13	1.72		
713	113828.20	92867.55	13.93	0.37		
714	82799.85	92949.60	16.67	1.30		
715	106300.00	93187.20	15.33	1.13		
716	97391.10	93214.20	16.11	1.69		
717	93267.25	93233.25	15.34	2.14		
718	74479.05	93270.60	16.33	1.62		
719	73087.80	93300.45	13.97	1.48		
720	92191.50	93331.75	16.78	1.20		
721	85689.15	93376.65	15.36	2.04		
722	117924.00	93376.05	14.78	1.00		
723	109398.45	93508.95	15.14	2.05		
724	108107.55	93523.20	15.15	0.87		
725	97071.45	93589.80	15.02	2.11		
726	79108.95	93639.30	15.80	0.99		
727	98812.35	93745.20	15.83	0.88		
728	117694.35	93806.25	16.32	1.04		
729	110346.75	93844.35	16.01	1.22		
730	82461.00	93824.60	15.27	1.97		
731	88190.40	93943.95	13.94	1.87		
732	111930.30	94082.40	15.28	1.04		
733	119255.70	94081.20	15.13	0.94		
734	80800.65	94152.15	15.36	1.87		
735	78638.10	94207.35	16.72	1.04		
736	63967.00	94210.50	15.80	1.66		
737	98009.35	94201.80	13.50	0.78		
738	72960.90	94232.10	15.76	1.74		
739	62673.60	94250.70	16.72	1.19		
740	117570.90	94196.25	16.65	0.89		
741	118479.35	94203.30	14.72	1.40		
742	91200.90	94312.95	16.39	1.02		
743	86092.50	94334.10	16.44	1.48		
744	89464.05	94408.65	16.90	1.10		
745	87649.50	94631.55	16.11	1.70		
746	62229.45	94686.00	15.76	1.93		
747	114913.80	94648.95	15.73	1.69		
748	112403.10	94744.95	15.84	1.55		
749	61106.85	94822.95	16.83	1.14		
750	81807.75	94840.80	15.82	1.79		

751	67723.65	94908.45	14.86	1.70		
752	94606.05	94886.55	16.16	1.40		
753	73230.55	94915.95	13.84	0.49		
754	95889.90	94913.40	15.01	1.85		
755	84501.30	94948.20	16.60	1.02		
756	102368.25	94946.40	16.85	1.11		
757	106864.80	94977.60	13.49	1.27		
758	109142.55	95218.65	16.57	0.92		
759	94508.85	95268.60	16.38	1.47		
760	108249.75	95308.50	16.81	1.18		
761	116449.20	95377.05	16.00	1.71		
762	64349.80	95505.75	16.60	0.95		
763	116865.00	95515.95	16.71	1.17		
764	92545.25	95551.20	16.19	1.37		
765	68194.80	95580.60	15.92	1.38		
766	75684.70	95620.65	16.01	1.39		
767	95013.60	95635.95	15.58	1.13		
768	111786.75	95648.25	16.25	1.18		
769	104898.30	95658.30	16.89	0.88		
770	69729.60	95697.45	16.27	1.60		
771	84506.05	95714.25	14.00	0.74		
772	94520.70	95893.45	14.62	1.28		
773	67047.75	95894.70	16.03	1.28		
774	112939.95	95838.85	15.08	1.76		
775	92243.55	95903.25	15.94	1.39		
776	77796.90	95934.95	15.06	2.18		
777	96228.45	95980.35	13.79	2.11		
778	110058.30	96004.20	14.95	1.97		
779	73396.00	96053.25	13.69	0.91	s16	
780	87482.70	96196.20	16.34	1.57		
781	63193.95	96202.35	16.09	1.60		
782	110690.70	96169.65	16.03	1.91		
783	68737.95	96235.80	13.90	2.06		
784	83420.20	96243.00	15.15	0.88		
785	100462.65	96252.60	14.53	1.57		
786	76093.15	96289.50	16.65	1.17		
787	75408.30	96349.80	14.18	0.60		
788	109739.25	96393.25	16.57	1.15		
789	111632.35	96406.65	17.01	0.92		
790	96774.60	96431.10	16.19	1.33		
791	108435.25	96483.00	13.64	1.55		
792	97048.95	96497.85	15.21	1.39		
793	86701.20	96601.35	15.65	1.39		
794	99263.55	96676.50	13.24	1.71		
795	72145.35	96700.65	14.26	1.86		
796	112697.40	96681.75	13.73	1.81		
797	75106.65	96722.40	13.54	1.03		
798	97293.45	96789.15	13.58	1.93		
799	114339.90	96883.20	16.38	1.34		
800	105358.50	96907.50	14.16	0.76		
801	89345.55	96970.20	16.84	1.06		
802	91842.90	96983.40	15.39	1.46		
803	68388.10	97023.45	14.90	1.74		
804	66802.65	97027.05	15.41	0.74		
805	103128.60	97048.80	15.93	1.77		
806	73346.10	97119.90	14.87	0.97		
807	80525.85	97126.65	15.33	1.46	s13	
808	72470.25	97129.80	14.09	1.74		
809	95018.10	97177.95	15.93	1.35		
810	118317.45	97177.80	16.28	0.75		
811	119477.10	97208.25	16.56	1.41		
812	97697.10	97243.75	16.66	1.13		
813	113956.50	97343.05	16.47	1.09		
814	75505.50	97377.00	17.45	0.47		
815	96814.05	97555.20	17.24	0.43		
816	67947.00	97693.60	17.17	0.65		
817	66216.75	97727.70	17.46	0.46		
818	98168.70	97712.55	13.53	1.33		
819	69789.15	97749.45	13.74	2.03		
820	91629.90	97734.00	14.78	1.74		
821	119322.00	97785.00	15.28	1.61		
822	111317.40	97799.25	16.41	1.50		
823	63275.25	97848.75	14.64	1.55		
824	87838.80	97864.05	16.15	1.84		
825	96020.70	97853.85	14.63	1.10		

826	92648.85	97887.90	13.84	1.95		
827	84536.70	97975.95	16.65	0.82		
828	84852.45	97983.90	15.34	1.55		
829	113833.75	98011.20	15.39	2.07		
830	69141.45	98054.70	14.75	1.48		
831	111115.50	98100.00	16.29	1.55		
832	62244.35	98324.10	15.61	1.46		
833	102816.90	98369.10	15.67	1.42		
834	73964.40	98421.45	15.35	2.12		
835	116468.25	98401.95	16.34	1.64		
836	85200.75	98435.85	16.42	1.25		
837	87738.60	98460.00	15.41	1.69		
838	68901.00	98475.00	15.22	1.13		
839	114694.80	98442.30	15.49	1.46		
840	119819.10	98448.30	15.00	2.12		
841	99343.05	98505.15	15.44	2.17		
842	108193.05	98549.55	15.44	1.26		
843	113717.40	98557.20	16.03	0.79		
844	103274.20	98586.15	15.32	1.96		
845	83982.00	98651.25	15.48	1.88		
846	92842.35	98642.55	15.03	1.82		
847	93445.15	98658.60	16.16	1.32		
848	65205.60	98690.55	16.86	0.43		
849	64063.05	98820.15	15.42	1.71		
850	100890.75	98946.45	16.01	1.83		
851	62950.65	99007.35	16.88	1.04		
852	114360.60	99048.60	16.34	1.53		
853	74891.10	99128.25	15.18	1.64		
854	111145.80	99124.35	15.85	1.72		
855	116763.90	99262.05	15.52	1.03		
856	90538.50	99282.90	14.65	0.93		
857	105830.80	99288.60	15.62	1.26		
858	77732.85	99423.60	16.02	1.85		
859	119771.70	99405.90	17.31	0.58		
860	63604.95	99542.25	14.71	0.72		
861	106300.20	99513.75	15.30	1.18		
862	88168.50	99577.35	14.88	1.84		
863	112556.55	99605.85	16.34	1.05		
864	103018.15	99616.20	15.32	2.14		
865	111757.35	99628.50	16.14	1.71		
866	119999.10	99667.80	16.26	1.25		
867	106794.15	99721.50	15.69	1.65		
868	83958.30	99769.65	16.77	1.14		
869	102372.15	99772.05	16.37	1.58		
870	72988.20	99816.75	17.24	0.57		
871	103742.85	99836.55	16.49	1.38		
872	74042.40	100043.10	15.65	1.61		
873	103363.20	100019.35	15.17	1.93		
874	60793.05	99996.30	16.58	0.58		
875	116877.75	100073.55	16.14	1.86		
876	94798.35	100111.20	16.37	1.54		
877	115327.65	100163.40	15.78	1.45		
878	67995.75	100249.95	16.78	1.14		
879	105408.30	100211.85	16.37	1.25		
880	81311.85	100299.90	16.74	0.93		
881	80448.60	100326.30	16.17	1.82		
882	111427.80	100307.70	16.05	0.97		
883	120239.20	100303.20	15.77	1.73		
884	66726.45	100371.45	15.68	2.02		
885	112431.30	100336.20	16.21	1.76		
886	90855.15	100420.05	16.92	1.03		
887	74347.65	100513.20	16.22	0.95		
888	88812.30	100615.80	12.65	1.01		
889	92852.70	100625.85	16.07	1.20		
890	95128.35	100631.70	15.76	2.12		
891	105538.90	100637.70	15.30	1.21		
892	100223.85	100650.30	16.81	1.10		
893	117917.25	100659.75	12.60	0.49		
894	93227.40	100701.60	14.71	1.78		
895	71880.15	100764.30	15.30	2.15		
896	109538.30	100779.60	16.16	1.63		
897	96824.10	100804.20	15.38	1.97		
898	61928.40	100897.95	15.70	1.45		
899	71027.10	101126.40	16.03	1.83		
900	89642.95	101105.10	16.95	0.94		

SECTION 5 cont.

901	111961 65	101163 00	15 47	1 97		
902	84603 33	101226 43	15 69	1 82		
903	72700 35	101338 30	15 82	1 69		
904	100670 10	101344 20	14 18	0 73		
905	120404 63	101376 90	15 28	1 18		
906	98299 35	101413 30	14 57	2 15		
907	113254 60	101433 10	15 05	1 71		
908	118243 45	101467 20	15 17	1 94		
909	109016 25	101532 75	15 86	1 29		
910	94502 70	101581 05	15 72	0 65		
911	112870 05	101631 85	16 57	1 32		
912	118933 65	101724 75	16 11	1 61		
913	102443 50	101760 60	14 46	0 80		
914	91735 20	101772 30	16 32	0 93		
915	63420 45	101897 70	15 09	2 08		
916	81354 10	101991 30	15 79	0 77		
917	91723 05	102114 00	15 35	1 52		
918	104481 55	102103 20	15 27	2 18	s31	
919	118128 90	102094 80	15 32	1 09		
920	70861 80	102230 55	16 56	1 09		
921	113373 85	102267 75	16 26	1 91		
922	101471 55	102327 00	15 92	1 15		
923	119424 45	102394 05	13 04	0 33		
924	66719 25	102490 50	13 61	1 83		
925	75255 15	102496 80	16 36	1 20		
926	98653 95	102521 85	15 52	1 51		
927	94498 00	102543 15	16 40	1 48		
928	87682 95	102641 85	13 49	1 53		
929	78140 85	102702 45	15 72	1 90		
930	78759 05	102723 90	13 61	1 16		
931	113698 30	102796 50	13 40	2 02		
932	67807 35	102924 60	14 18	1 84	s17	
933	71374 20	102919 50	14 81	1 93		
934	119533 05	102902 55	15 04	1 70		
935	77859 00	102950 10	16 04	0 93		
936	81084 60	103035 90	13 43	1 03		
937	110317 50	103058 55	13 34	2 14		
938	60752 10	103149 30	16 98	0 93		
939	84838 90	103189 35	13 91	2 04		
940	107917 15	103210 35	16 16	0 90		
941	104759 15	103238 55	15 19	2 24		
942	72390 30	103267 95	13 66	1 01		
943	75421 50	103322 25	13 36	2 00		
944	92139 45	103296 45	16 44	1 48		
945	67214 85	103478 55	14 77	1 90		
946	78407 25	103491 15	13 16	1 43		
947	84288 00	103548 60	13 64	1 63		
948	99234 45	103548 45	16 16	1 35		
949	109128 60	103722 45	13 35	1 71		
950	85239 60	103768 65	13 10	2 08		
951	108038 10	103732 45	16 14	0 91		
952	69372 80	103792 65	13 97	1 75		
953	86244 45	103785 75	13 80	1 82		
954	90827 85	103783 65	13 94	1 22		
955	64394 50	103836 55	16 02	1 28		
956	87798 00	103882 80	13 71	1 79		
957	100452 60	103903 35	16 48	0 98		
958	83016 45	103938 60	16 10	1 72		
959	63736 75	104168 10	13 18	1 86		
960	80463 85	104186 55	13 35	0 94		
961	104040 15	104170 65	14 84	1 62		
962	93897 70	104208 15	16 39	1 26		
963	79870 80	104231 40	13 33	1 81		
964	114110 10	104277 60	13 17	1 97		
965	97358 80	104313 75	16 17	1 73		
966	112302 10	104292 00	13 20	2 02		
967	64915 65	104344 80	16 90	1 02		
968	69978 90	104618 25	16 35	1 19		
969	107297 75	104635 95	13 03	2 15		
970	87526 05	104661 90	13 03	1 04		
971	113091 45	104644 95	13 99	1 76		
972	89402 25	104780 55	16 54	1 33		
973	101812 35	104833 05	16 36	1 21		
974	60803 70	104817 45	11 81	1 99		
975	97430 40	104925 90	16 19	1 64		

976	78319 20	104976 30	14 52	1 66		
977	88482 45	104977 65	15 79	1 75		
978	119277 60	104989 95	13 49	2 07		
979	108160 65	105022 65	15 18	1 81		
980	82293 70	105118 35	16 32	0 78		
981	102372 55	105377 25	16 05	1 12		
982	84484 50	105404 10	15 26	1 49		
983	78731 70	105455 10	14 37	1 57		
984	116900 10	105454 20	16 73	1 24		
985	77960 55	105617 10	15 79	2 08		
986	82092 00	105625 20	16 83	1 05		
987	108696 30	105601 80	15 04	1 30		
988	103703 85	105618 30	15 35	2 03		
989	113906 55	105760 50	14 68	1 41		
990	102026 55	105831 60	14 94	1 60		
991	115449 15	105822 90	15 83	1 33		
992	95912 40	105944 70	13 75	0 91		
993	105629 25	105937 45	16 27	0 95		
994	83118 45	105985 80	16 18	1 75		
995	94200 90	105978 30	14 62	2 25		
996	80099 25	106002 30	15 79	1 02		
997	90857 55	106019 85	14 11	0 57		
998	97201 65	106129 65	16 46	0 95		
999	119849 20	106170 60	12 30	-0 13		
1000	83435 40	106272 90	17 12	0 62	r8	
1001	64803 60	106312 95	15 60	1 51		
1002	107521 05	106295 85	15 07	1 56		
1003	92623 35	106408 20	15 43	0 81		
1004	105063 15	106578 45	16 52	1 43		
1005	73968 30	106689 45	15 78	2 10		
1006	94027 05	106737 15	15 79	1 58		
1007	105709 35	106793 55	16 03	1 04		
1008	88943 55	106912 65	15 31	0 94		
1009	120084 15	106956 00	16 16	1 83		
1010	118560 00	107128 20	16 25	1 36		
1011	90966 60	107158 50	16 31	1 60		
1012	102205 35	107216 40	13 72	0 76		
1013	78364 20	107255 55	15 56	1 78		
1014	76332 30	107276 55	15 89	1 08	s21	
1015	118096 30	107266 05	16 56	1 34		
1016	87742 35	107324 25	12 44	1 68		
1017	61923 90	107443 75	16 19	0 92		
1018	116324 80	107516 85	15 73	1 88		
1019	102858 00	107593 50	14 73	2 07		
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1021	90852 00	107617 80	13 45	1 12		
1022	112797 75	107681 70	16 30	1 20		
1023	107341 30	107695 35	16 09	1 27		
1024	84598 30	107751 00	15 00	1 43		
1025	103597 45	107801 55	15 67	1 76		
1026	109692 60	107804 70	16 13	1 65		
1027	113328 75	107826 15	16 12	1 61		
1028	72300 30	107896 95	16 38	0 96		
1029	84101 40	107900 25	13 99	1 43		
1030	93044 25	107931 60	13 30	0 93		
1031	89367 10	107992 95	16 33	1 12		
1032	93343 25	108021 75	15 71	2 00		
1033	62434 65	108038 05	13 89	1 83		
1034	93834 20	108067 05	14 97	0 93		
1035	86939 35	108174 00	14 40	1 58		
1036	77239 20	108282 45	14 81	1 33		
1037	104993 25	108212 10	13 46	1 02		
1038	63994 90	108282 45	14 81	1 33		
1039	61609 80	108308 70	16 60	1 39		
1040	111805 50	108279 75	16 93	1 02		
1041	67357 80	108331 65	15 09	0 78		
1042	96942 00	108422 85	14 44	1 60		
1043	103922 35	108467 85	13 13	1 06		
1044	107085 90	108499 80	13 74	1 91		
1045	92378 85	108691 95	13 60	2 17		
1046	66832 75	108714 00	14 74	0 79		
1047	90941 25	108719 10	15 79	2 01		
1048	85349 50	108733 50	16 43	1 18		
1049	62418 00	108778 05	15 13	0 85		
1050	81766 65	108811 35	14 28	1 58		

1051	111520 95	108797 70	15 45	1 93		
1052	61667 25	108879 00	16 37	1 47		
1053	75220 35	108914 40	16 08	1 91		
1054	85826 70	109102 05	15 89	1 64		
1055	83284 50	109213 65	13 99	0 73		
1056	113426 70	109309 80	15 07	2 03		
1057	66341 10	109470 90	16 74	1 18		
1058	72008 25	109505 10	13 84	1 37		
1059	98408 70	109508 55	14 84	1 08		
1060	107389 95	109506 30	14 56	1 51		
1061	117244 80	109520 40	13 52	1 82		
1062	111212 25	109536 00	17 44	0 52		
1063	66892 20	109596 15	15 82	1 97		
1064	93824 05	109571 40	14 88	0 94		
1065	114322 95	109586 85	16 16	1 77		
1066	87543 75	109612 65	15 02	1 22		
1067	115675 80	109626 45	16 96	1 01		
1068	116253 90	109638 15	16 11	1 67		
1069	80638 90	109677 45	15 12	1 96		
1070	84934 10	109706 10	15 71	2 12		
1071	74401 65	109748 25	16 45	1 51		
1072	82177 20	109820 55	16 99	0 88		
1073	104562 90	109818 45	16 95	0 97		
1074	98206 05	109857 45	15 17	1 10		
1075	64822 35	109933 50	16 35	1 65		
1076	76806 60	109923 15	16 47	1 37		
1077	111223 20	109948 35	16 48	1 20		
1078	84842 25	110056 05	14 76	1 47		
1079	114423 00	110043 15	13 17	0 38		
1080	93077 70	110064 00	15 08	0 96		
1081	97631 40	110107 95	15 89	1 65		
1082	87129 15	110162 40	14 74	1 89		
1083	103194 00	110170 80	12 01	-0 10		
1084	81244 30	110212 20	15 50	2 01		
1085	74719 30	110303 10	15 06	1 86		
1086	117804 15	110318 55	15 90	1 97		
1087	102453 60	110325 45	15 52	1 08		
1088	120737 25	110357 85	15 50	0 93		
1089	83797 95	110465 25	15 57	1 02		
1090	87022 05	110492 25	15 71	1 65		
1091	77439 75	110514 00	16 26	1 33		
1092	76763 40	110581 95	16 02	1 67		
1093	91799 55	110580 45	15 78	2 13		
1094	104674 20	110633 85	16 86	1 14		
1095	97635 60	110707 50	15 88	0 98		
1096	85208 85	110793 15	14 70	1 16		
1097	71468 40	110913 40	15 60	1 66		
1098	82164 95	110953 35	16 39	1 44		
1099	79547 40	110980 35	15 70	1 34		
1100	63631 95	111040 05	16 28	1 61		
1101	114304 00	111022 20	16 01	1 89		
1102	99013 65	111038 70	15 62	1 96		
1103	92526 90	111051 60	16 25	1 61		
1104	98362 15	111114 45	16 31	1 47		
1105	116073 40	111175 80	16 39	0 93		
1106	62065 80	111370 65	13 56	1 54		
1107	96167 35	111404 85	13 65	1 89		
1108	67848 00	111486 45	13 83	1 39		
1109	94503 30	111464 25	14 67	1 35		
1110	112970 40	111450 90	16 22	1 37		
1111	111114 15	111519 45	16 88	0 84		
1112	73130 25	111563 10	17 18	0 77	r9	
1113	114250 95	111586 20	16 04	0 91		
1114	69596 55	111626 10	16 04	1 11		
1115	100316 55	111709 80	15 76	2 08		
1116	85887 75	111741 90	16 07	1 73		
1117	107899 95	111706 95	13 80	1 35		
1118	113094 00	111726 15	16 74	1 20		
1119	72642 75	111845 70	13 33	0 88		
1120	64303 35	111862 80	16 18	1 53		
1121	71299 65	111877 65	15 74	1 69		
1122	102072 00	111869 85	14 99	1 39		
1123	79303 60	111925 80	14 73	1 74		
1124	100393 80	112081 20	16 05	1 69		
1125	75326 35	112161 00	16 39	1 13		

1126	113797 50	112114 20	16 90	1 00		
1127	103148 20	112161 00	15 67	1 69		
1128	98880 90	112167 00	15 80	2 01		
1129	88805 10	112268 70	16 11	1 02		
1130	90904 65	112495 20	15 82	0 98		
1131	102044 85	112561 95	16 51	0 86		
1132	93479 70	112568 70	15 73	1 97		
1133	60881 10	112618 80	16 61	1 20		
1134	81351 60	112817 40	16 31	1 52		
1135	89852 10	112937 25	16 10	1 48		
1136	71599 95	112966 05	16 39	1 28		
1137	80063 85	112965 30	15 37	1 57		
1138	112306 50	112996 20	16 01	1 84		
1139	67005 75	113010 60	14 06	0 69		
1140	92873 40	113169 75	14 50	1 67		
1141	83223 75	113240 70	15 32	1 32		
1142	105632 70	113247 75	15 69	1 78		
1143	69951 30	113298 15	14 40	1 53		
1144	96041 25	113274 60	16 16	1 80		
1145	94366 05	113344 05	14 93	1 65		
1146	119450 10	113324 25	16 74	1 20		
1147	100814 70	113353 95	16 22	1 52		
1148	112931 40	113409 45	15 29	2 11		
1149	83610 75	113492 25	16 34	1 15		
1150	83794 05	113510 85	15 12	2 01		
1151	109707 30	113493 15	16 96	0 95		
1152	60782 25	113634 70	16 61	1 06		
1153	87133 65	113665 80	15 21	1 95		
1154	82613 55	113767 65	15 78	2 11		
1155	79925 85	113847 15	15 63	2 19		
1156	85305 45	113862 90	15 15	1 66		
1157	84667 05	113952 15	14 88	0 80		
1158	70520 10	113979 45	15 92	1 82		
1159	108352 20	113947 35	15 33	0 97		
1160	91401 45	114052 80	16 26	1 15		
1161	112543 95	114092 70	16 42	1 35		
1162	97084 95	114117 00	14 86	1 39		
1163	67727 25	114264 75	16 53	0 93		
1164	91351 35	114279 75	16 53	1 35		
1165	93435 20	114335 85	16 48	1 22		
1166	72977 25	114384 70	16 71	1 14		
1167	63821 40	114772 35	15 38	1 75		
1168	81304 65	114769 95	15 61	1 07		
1169	76939 20	114881 10	14 69	0 65		
1170	90988 65	114956 25	15 94	1 62		
1171	103834 15	114994 80	15 49	2 21		
1172	92454 65	115085 40	15 84	1 89		
1173	111587 25	115221 00	14 85	1 52		
1174	105328 50	115279 30	16 63	1 13		
1175	102378 30	115322 70	16 90	0 49		
1176	64494 45	115353 30	14 73	1 62		
1177	91910 40	115325 70	15 15	2 11		
1178	71170 20	115372 80	15 71	1 60		
1179	78149 55	115377 00	16 85	1 03		
1180	72953 85	115479 75	15 53	1 88		
1181	68748 15	115508 85	12 49	0 19		
1182	109478 25	115623 75	16 81	1 18		
1183	88975 80	115682 10	14 94	1 01		
1184	118081 65	115670 40	15 79	1 92		
1185	119061 75	115700 25	15 16	1 58		
1186	93973 00	115717 80	16 09	1 67		
1187	83498 05	115797 00	14 90	0 82		
1188	73178 40	115833 45	13 78	1 42		
1189	78242 85	115848 00	15 94	1 77		
1190	63299 50	115879 35	14 57	1 70		
1191	76347 60	115881 45	14 07	1 40		
1192	109748 40	115929 45	15 22	1 87		
1193	118734 00	116143 50	15 11	1 90		
1194	85672 50	116252 70	15 90	2 05		
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1199	63665 95	116486 10	15 86	1 04		
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SECTION 5 cont.

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1202	107014.95	116560.80	14.14	1.28
1203	83335.05	116760.90	13.51	2.04
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1205	78279.15	116944.65	13.02	1.15
1206	80737.45	116988.45	13.52	1.00
1207	82699.50	117129.15	16.73	1.15
1208	108587.25	117143.25	13.96	1.15
1209	63627.35	117184.50	14.17	0.66
1210	66972.90	117193.95	16.72	0.76
1211	95128.50	117232.80	13.42	1.98
1212	116309.70	117216.90	16.34	1.60
1213	83784.45	117364.95	16.24	0.89
1214	114594.00	117502.05	13.75	1.11
1215	92330.10	117531.60	16.27	1.27
1216	63302.00	117556.65	16.48	0.93
1217	78344.40	117572.85	16.20	1.04
1218	69298.35	117606.75	13.26	0.90
1219	103127.40	117593.95	17.31	0.66
1220	83232.00	117757.95	16.06	1.90
1221	90676.65	117766.95	13.05	1.73
1222	85951.95	117800.35	13.11	2.02
1223	97063.35	117997.35	16.15	1.04
1224	94698.45	118000.50	13.54	1.06
1225	70677.90	118092.90	16.22	1.00
1226	114961.35	118128.15	16.93	1.07
1227	88380.10	118247.85	16.11	0.98
1228	98260.05	118313.70	14.67	0.69
1229	113302.30	118312.35	14.39	0.71
1230	97644.60	118343.10	16.38	1.33
1231	78867.60	118363.75	14.48	1.30
1232	87111.75	118388.65	13.94	1.63
1233	113739.05	118371.70	16.32	1.23
1234	79732.65	118431.35	13.41	1.33
1235	88703.25	118430.95	16.08	1.71
1236	103094.10	118438.35	13.32	1.34
1237	102392.85	118717.30	16.42	1.46
1238	79977.30	118747.20	16.36	1.01
1239	109200.30	118736.35	16.39	1.15
1240	116038.20	118807.30	16.36	1.23
1241	84342.00	118885.05	16.12	1.71
1242	88958.10	119012.25	16.42	1.20
1243	76248.45	119046.90	13.83	2.01
1244	111503.95	119110.80	13.63	0.94
1245	78295.20	119204.70	17.23	0.69
1246	83943.85	119298.60	16.14	1.71
1247	89485.35	119321.85	13.39	1.75
1248	82068.00	119327.25	16.49	1.05
1249	114782.35	119333.85	13.61	1.91
1250	109804.80	119387.10	14.90	1.75
1251	113430.20	119438.85	16.70	1.23
1252	99996.60	119538.60	13.76	1.88
1253	101168.10	119636.20	13.36	2.03
1254	72960.90	119697.75	13.42	1.96
1255	97361.10	119745.90	13.46	1.92
1256	72338.10	119901.35	14.62	0.66
1257	107735.35	120087.75	13.42	1.14
1258	92684.85	120141.30	13.47	1.98
1259	61372.00	120178.05	13.81	1.72
1260	63306.25	120221.25	13.87	1.74
1261	87092.70	120194.40	16.09	1.29
1262	98381.25	120197.70	13.14	1.82
1263	116814.45	120270.90	14.03	1.69
1264	100829.75	120312.60	16.47	0.36
1265	70523.35	120461.70	13.25	1.78
1266	108318.15	120418.65	13.62	1.19
1267	91357.75	120439.95	16.23	1.73
1268	92792.90	120471.45	14.98	1.87
1269	101635.90	120509.10	14.32	0.90
1270	113184.90	120497.85	13.98	1.72
1271	62824.65	120596.85	13.11	1.67
1272	62097.75	120687.45	16.44	1.14
1273	109008.90	120682.20	16.04	1.70

SECTION 6

1	76846	95	120773	10	16	15	0	88
2	70849	05	120811	50	15	68	1	95
3	103453	05	120891	60	16	11	1	67
4	88602	00	120976	20	17	69	0	28
5	63528	30	121011	30	16	12	1	86
6	102257	85	121027	50	15	70	1	92
7	83744	60	121192	95	16	64	1	33
8	97541	25	121253	95	14	79	1	96
9	92298	30	121337	10	15	78	1	55
10	103869	15	121357	20	15	32	1	08
11	104504	10	121536	10	14	70	0	75
12	66047	55	121704	30	15	76	0	86
13	93297	00	121680	75	13	40	1	67
14	113392	30	121723	80	15	33	0	85
15	102478	80	121795	80	16	11	1	60
16	108989	55	121846	30	15	85	1	67
17	120034	35	121920	75	15	11	1	56
18	98266	95	121968	75	15	80	1	95
19	74100	75	122049	60	13	81	1	65
20	78150	45	122064	30	15	40	1	76
21	108018	60	122104	05	16	26	1	55
22	101381	80	122198	85	15	47	2	08
23	96490	45	122344	05	15	96	1	22
24	93804	30	122342	20	13	80	1	37
25	91038	90	122369	95	14	62	0	72
26	84850	35	122388	40	14	79	2	11
27	86302	05	122613	45	16	19	1	76
28	63007	65	122823	30	16	53	1	39
29	85893	45	122803	20	15	62	1	98
30	77883	15	122949	30	15	31	1	92
31	80376	15	122974	95	14	68	1	56
32	72562	95	123049	20	14	43	0	62
33	107646	30	123076	95	15	55	1	51
34	71347	65	123396	90	14	16	1	82
35	66466	80	123403	80	15	55	2	23
36	117064	05	123421	95	15	20	1	58
37	64020	75	123311	35	15	98	1	55
38	106970	40	123481	80	12	51	0	24
39	103018	05	123541	25	13	20	0	50
40	111490	50	123728	25	17	01	0	82
41	68614	05	123815	10	14	04	0	49
42	95597	40	123996	60	10	26	0	75
43	112746	45	124002	60	15	61	2	01
44	113924	50	124020	15	15	61	0	99
45	120384	85	124261	20	14	82	1	09
46	108883	50	124284	90	15	67	2	05
47	109889	85	124300	65	13	74	2	11
48	91012	20	124337	40	16	11	1	73
49	102913	60	124326	75	15	87	1	90
50	109453	65	124468	05	15	93	2	19
51	74195	85	124741	25	16	16	1	29
52	84921	15	124804	65	15	97	1	87
53	94272	45	124795	80	15	98	1	76
54	64281	45	124911	75	14	83	1	56
55	94727	70	125022	15	16	34	1	93
56	93180	10	125023	30	13	86	1	68
57	68777	40	125049	75	15	33	1	88
58	115063	95	125108	55	15	88	1	04
59	117289	20	125082	90	15	31	1	71
60	104344	05	125188	95	16	68	0	88
61	78611	25	125395	50	12	87	-0	01
62	93521	80	125389	95	16	24	1	72
63	111778	65	125423	10	15	77	1	26
64	76233	45	125529	00	14	30	0	86
65	83111	10	125532	20	16	66	1	02
66	89387	25	125364	50	14	56	0	73
67	93942	60	125644	20	15	60	0	66
68	62686	50	125685	15	15	76	0	99
69	104673	45	125673	75	16	28	1	21
70	73799	15	125737	65	13	29	0	97
71	106663	30	125739	10	14	64	0	89
72	107373	15	125752	95	16	07	1	82
73	102264	45	125787	45	16	29	0	94
74	104178	90	125842	30	15	45	0	86
75	91246	20	126340	20	16	34	1	10
76	113434	20	126408	90	15	31	2	06
77	79444	65	126679	20	15	37	0	95
78	71599	80	126912	45	15	89	0	99
79	75384	10	126927	45	16	19	1	72
80	98079	70	126928	80	14	82	1	53
81	92946	70	127036	30	15	70	1	92
82	117112	20	127083	90	16	24	1	37
83	93120	70	127166	55	16	66	0	93
84	93960	55	127166	55	15	73	1	86
85	63063	10	127274	85	15	47	1	73
86	92946	00	127324	80	15	31	1	65
87	90138	25	127362	45	16	86	1	12
88	99055	05	127438	15	15	12	1	10
89	104116	35	127611	90	15	90	1	47
90	89498	25	127872	90	14	78	0	84
91	63661	50	128010	00	16	41	1	11
92	83203	00	128105	55	15	88	1	74
93	87051	45	128215	20	15	17	0	95
94	68903	65	128247	45	14	24	1	27
95	113138	10	128272	05	15	44	1	33
96	63022	30	128343	15	16	11	1	86
97	60946	65	128422	05	16	80	1	09
98	112685	10	128443	65	15	60	2	29
99	80963	55	128573	35	15	38	0	95
100	109883	40	128653	05	16	56	1	09
101	80624	55	128920	05	16	77	0	85
102	120213	25	128910	15	16	36	1	50
103	117807	75	128937	75	15	72	1	23
104	68040	75	129070	80	17	16	0	69
105	68887	95	129336	00	16	21	1	20
106	103670	25	129383	25	14	24	0	60
107	94094	40	129427	35	15	08	0	88
108	73504	05	129563	55	15	98	1	32
109	84089	70	129564	90	15	67	1	08
110	69447	90	129683	10	16	29	1	20
111	83561	85	129700	65	15	39	0	94
112	86943	00	129733	05	14	30	1	17
113	92999	55	130004	85	16	04	1	53
114	79946	20	130086	15	15	63	1	01
115	94848	90	130153	05	14	94	2	04
116	116884	95	130170	15	15	37	1	07
117	67934	20	130336	80	16	18	0	91
118	113921	95	130348	60	15	71	2	07
119	74962	65	130485	45	16	86	1	08
120	110266	05	130381	90	15	75	1	82
121	80781	60	130624	05	16	08	1	25
122	65286	30	130684	05	13	65	1	18
123	96664	05	130762	65	15	99	1	16
124	64549	35	130927	95	15	88	1	09
125	114867	15	130919	40	16	00	1	78
126	67245	75	131010	60	15	96	1	93
127	79849	05	131021	70	16	09	1	77
128	84879	75	131051	10	15	27	1	57
129	74322	00	131086	80	14	28	1	69
130	114360	90	131113	65	14	86	2	03
131	112423	50	131381	85	14	99	2	08
132	104679	30	131421	15	15	76	1	17
133	111172	95	131774	70	14	41	1	84
134	112278	30	132084	00	14	39	0	91
135	73837	75	132197	80	16	14	1	11
136	88399	65	132142	65	14	67	1	34
137	112677	15	132301	05	16	37	1	19
138	113630	65	132341	85	15	36	1	77
139	118282	20	132348	95	16	20	1	03
140	66489	30	132406	65	15	32	1	67
141	114340	15	132371	35	15	61	2	05
142	84003	45	132539	70	16	28	1	64
143	68399	35	132581	09	16	05	1	79
144	88175	70	132604	50	14	34	2	22
145	60707	10	132672	75	13	41	0	26
146	118405	80	132673	80	15	21	0	72
147	78109	50	132857	55	16	11	0	96
148	114639	95	132822	45	14	67	0	94
149	104490	30	132891	30	16	99	0	52
150	63038	35	133064	09	15	10	2	04
151	72781	65	133072	05	15	08	0	85
152	73424	90	133111	95	14	91	1	61
153	68929	85	133384	20	16	17	1	68
154	97368	75	133438	20	15	54	1	97
155	96533	85	133446	30	15	34	2	28
156	94661	70	133468	34	15	13	1	94
157	83746	35	133510	95	16	63	0	96
158	64835	25	133639	95	16	17	0	96
159	113181	00	133744	05	14	79	1	74
160	80609	85	133822	95	15	75	2	17
161	80994	90	133848	91	15	10	1	85
162	116459	40	133846	66	15	85	1	65
163	93036	45	134019	30	16	34	1	30
164	75732	90	134146	34	15	17	1	23
165	98058	60	134182	20	13	79	1	85
166	77197	80	134294	41	16	49	1	50
167	74693	55	134345	55	16	06	1	17
168	78361	20	134439	91	15	77	1	29
169	61729	95	134667	75	14	19	1	34
170	95723	10	135011	09	16	95	0	91
171	98215	65	135108	00	15	19	1	81
172	117924	60	135129	75	15	63	1	76
173	89430	60	135195	59	16	28	1	22
174	105583	95	135278	84	16	02	1	90
175	62998	50	135364	05	15	81	1	05
176	89441	70	135505	66	16	03	1	80
177	116436	45	135555	30	15	81	2	08
178	73509	15	136033	05	16	00	1	80
179	60900	90	136224	16	15	86	0	99
180	74753	25	136498	66	15	54	1	01
181	90055	20	136538	70	15	68	1	84
182	91693	05	136641	91	15	82	1	06
183	107645	10	136754	25	16	02	1	02
184	77329	45	136808	84	14	43	1	80
185	92485	45	136841	84	13	66	0	65
186	88474	30	136913	09	15	41	1	85
187	102771	00	136924	50	15	65	2	03
188	104031	75	136912	80	15	82	2	18
189	73486	05	137017	50	15	91	1	88
190	73964	20	137049	91	14	23	1	38
191	67026	90	137079	59	13	93	0	42
192	92713	80	137155	66	15	74	1	48
193	83225	10	137312	55	15	17	2	25
194	117354	75	137546	25	15	69	2	26
195	109470	60	137643	41	15	50	2	07
196	101290	25	137771	84	15	55	1	23
197	111109	20	137810	41	15	09	0	93
198	112732	90	137916	00	14	39	0	82
199	84492	45	138015	59	15	69	1	92
200	76234	05	138219	09	15	33	1	79
201	103134	60	138431	09	16	14	1	29
202	87171	00	138631	05	16	37	1	63
203	64081	35	138701	25	15	92	2	02
204	94040	25	138723	45	16	32	1	16
205	78283	95	138812	84	16	28	1	08
206	103401	60	138795	16	15	84	1	96
207	112962	30	138808	50	15	67	1	63
208	111438	45	138873	16	17	00	0	96
209	113375	90	138941	09	16	89	1	04
210	62672	40	139289	41	16	10	1	82
211	113860	60	139340	55	16	90	0	98
212	66491	65	139548	00	14	12	0	44
213	117502	20	139588	05	16	71	1	29
214	116331	30	139940	09	15	54	1	18
215	61054	20	139999	80	15	94	1	63
216	101110	80	139990	50	16	76	1	12
217	61320	75	140272	50	15	26	1	80
218	74419	50	140307	59	16	30	1	08
219	105802	35	140400	59	15	81	0	90
220	67931	85	140560	05	15	67	1	24
221	115198	20	140630	25	15	28	0	94
222	62045	25	140840	55	16	08	0	45
223	112450	20	140877	59	16	38	0	91
224	69627	30	141033	30	15	14	1	02
225	88996	65	141274	20	16	39	1	30
226	120479	55	141343	80	15	64	1	21
227	96812	55	141501	59	14	36	1	08
228	117652	50	141514	20	15	31	2	05
229	113187	60	141589	20	14	92	0	83
230	68958	15	141877	50	16	23	1	36
231	72226	20	141967	34	16	53	1	34
232	92164	95	142108	66	15	30	0	76
233	114058	65	142099	95	15	57	1	67
234	107412	45	142103	41	15	96	1	63
235	96339	90	142125	45	15	75	1	47
236	97411	95	142288	20	16	22	1	11
237	63396	15	142357	66	16	63	1	10
238	120053	10	142384	05	16	01	1	08
239	108878	70	142500	30	16	34	1	06
240	70202	10	142623	00	16	77	1	15
241	102894	00	142639	00	15	66	1	27
242	90253	20	142975	95	16	40	1	21
243	85024	50	143087	25	13	45	0	18
244	60700	65	143147	55	16	57	1	16
245	74124	00	143186	55	15	78	1	94
246	79684	35	143441	84	16	00	1	03
247	100894	05	143633	20	17	01	0	72
248	105371	70	143750	55	15	05	0	97
249	94767	00	143768	55	15	61	2	21
250	109317	30	143881	95	15	47	1	85
251	110360	25	143915	41	15	02	2	03
252	72828	15	143970	45	15	25	1	09
253	67338	90	144054	30	16	39	1	51
254	93747	40	144063	39	15	77	1	94
255	65352	30	144293	41	15	76	2	24
256	66011	70	144304	34	15	18	0	87
257	89007	45	144309	59	15	00	1	06
258	61983	00	144378	00	13	82	1	66
259	94013	40	144404	84	16	73	1	09
260	89726	25	144474	30	13	38	1	09
261	107427	60	144467	84	16	17	1	03
262	88440	45	144582	75	13	89	0	98
263	104354	85	144729	16	14	39	0	71
264	80007	15	145124	25	15	79	1	17
265	78086	25	145150	95	16	63	0	95
266	73129	00	145266	45	15	39	1	04
267	113752	45	145396	66	16	83	1	17
268	64183	30	145533	16	16	79	1	11
269	117708	00	145931	55	14	23	1	26
270	89767	05	146001	30	15	70	0	99
271	91715	85	146062	66	14	75	1	79
272	78761	85	146355	16	15	40	0	75
273	90180	25	146454	91	15	08	1	51
274	108215	35	146447	09	15	02	1	82
275	118783	95	146581	80	16	84	1	08
276	105125	85	146600	41	13	37	0	41
277	107712	45	146619	14	14	02	1	69
278	85522	20	146644	80	14	44	0	90
279	82731	15	146671	50	15	41	1	88
280	103701	00	146701	20	13	46	0	37
281	115378	95	146767	66	13	23	0	88
282	116221	50	146894	09	15	90	1	34
283	112372	35	147097	20	15	43	1	55
284	94123	80	147132	16	16	30	1	72
285	110148	60	147349	25	15	87	1	32
286	72468	60	147450	59	15	52	0	97
287	110013	75	147549	09	16	37	1	62
288	64075	65	147787	95	15	88	1	60
289	104377	20	147948	84	15	34	1	06
290	79094	70	148097	25	14	61	0	60
291	75889	65	148227	59	15	18	1	13
292	77163	15	148264	05	16	70	0	96
293	103009	30	148246	30	14	08	1	35
294	79393	95	148285	66	15	69	1	90
295	111268	65	148375	50	16	02	1	77
296	63650	85	148485	16	16	78	1	11
297	109912	05	148446	59	16	57	1	17
298	76243	35	148798	66	16	84	1	02
299	64407	90	148804	66	16	56	1	28
300	118837	20	149041	66	17	02	0	67

SECTION 6 cont.

301	118273.35	149242.05	15.32	1.03
302	104659.65	149410.95	16.06	1.10
303	92510.55	149539.91	14.60	1.76
304	118466.40	149713.30	15.39	1.45
305	114300.90	149917.30	15.63	1.08
306	119626.35	150070.34	15.46	1.05
307	91020.15	150187.95	13.77	1.08
308	94201.80	150307.30	14.05	0.84
309	105218.10	150332.09	13.87	1.87
310	107859.90	150607.80	13.34	0.83
311	103122.70	150641.09	16.21	1.47
312	87281.40	150855.00	14.24	0.71
313	111412.05	150848.70	13.79	1.00
314	113966.25	151140.59	15.17	0.94
315	63193.20	151396.66	15.80	2.02
316	108855.75	151444.20	14.11	0.49
317	77692.65	151495.95	17.14	0.84
318	107914.50	151465.20	15.65	0.77
319	110379.60	151613.41	16.16	1.37
320	120722.70	151607.09	16.50	1.48
321	88308.45	151819.05	15.86	1.91
322	64423.65	152091.75	16.15	1.79
323	99784.50	152118.00	14.36	1.08
324	91301.10	152131.05	16.26	1.28
325	109311.40	152226.00	13.92	1.66
326	109093.90	152272.20	14.64	0.84
327	81579.90	152355.30	14.97	1.18
328	71392.05	152579.80	13.32	2.30
329	120629.40	152586.91	15.38	1.73
330	73526.40	152694.00	16.93	1.03
331	62243.40	152736.16	14.26	1.40
332	97982.10	152750.84	13.92	1.96
333	66283.65	152799.59	16.81	1.03
334	91216.35	152814.45	16.37	1.08
335	79786.80	152999.41	14.16	0.76
336	112039.35	153015.45	13.84	2.03
337	98364.85	153076.50	14.39	1.34
338	103649.25	153392.25	13.47	2.30
339	85079.85	153457.66	14.64	0.92
340	97640.40	153450.00	15.03	1.22
341	95079.00	153471.16	14.73	1.80
342	120682.50	153813.59	12.71	0.23
343	88606.80	153917.25	16.04	0.58
344	92854.80	153932.55	14.17	0.78
345	102838.05	154064.41	13.21	0.23
346	74842.15	154131.59	16.23	1.66
347	86354.30	154163.84	15.95	1.41
348	110987.85	154274.25	16.49	1.11
349	66693.75	154333.66	15.68	1.74
350	105070.80	154363.05	16.34	1.42
351	116464.65	154373.95	16.57	1.06
352	64635.15	154436.95	13.86	1.83
353	108470.70	154783.80	16.61	1.31
354	93000.00	155097.91	16.28	1.63
355	98886.00	155236.39	13.78	1.63
356	106971.45	155470.20	13.41	1.81
357	67124.55	155547.16	12.00	0.85
358	117440.25	155597.70	16.91	1.31
359	120350.55	155637.00	13.12	0.85
360	113160.00	155779.50	14.73	0.85
361	107401.50	155794.20	13.78	0.99
362	109874.10	155819.25	13.70	1.92
363	79089.55	156236.25	14.95	0.73
364	100820.10	156247.50	16.10	1.76
365	69913.80	156277.95	16.29	1.05
366	87998.10	156315.59	16.78	1.22
367	104361.30	156324.45	16.41	1.21
368	108537.55	156417.00	15.69	1.10
369	88570.95	156511.66	17.15	0.68
370	111320.35	156493.80	15.85	1.99
371	93955.35	156618.91	14.85	1.19
372	60985.95	156709.95	16.17	1.06
373	94878.45	156903.00	15.46	1.97
374	78062.55	157016.55	15.98	1.72
375	102313.95	157111.80	15.95	1.82
376	103807.95	157154.09	16.73	1.20
377	109573.90	157374.30	16.00	1.08
378	106376.05	157512.00	15.67	2.17
379	102967.05	157572.30	16.53	1.21
380	76901.10	157650.75	15.54	1.30
381	63494.20	157946.25	15.00	1.31
382	101017.65	158044.50	15.72	1.96
383	91096.65	158294.41	16.91	1.09
384	88028.25	158521.80	16.23	0.92
385	67186.50	158894.09	15.75	2.21
386	103367.65	158963.55	16.16	1.76
387	73074.10	159122.84	16.74	1.03
388	116260.35	159099.30	16.15	1.21
389	70024.95	159193.20	15.40	0.86
390	83477.55	159232.34	16.89	0.78
391	109314.30	159403.20	16.95	0.94
392	62090.25	159513.39	15.79	0.87
393	85198.20	159505.34	15.38	1.93
394	104954.10	159495.00	16.11	1.83
395	72150.75	159559.80	15.75	1.05
396	110526.90	159532.95	15.48	1.31
397	88459.35	159624.45	15.37	1.23
398	113889.85	159665.09	16.40	1.39
399	96072.00	159910.80	16.37	1.13
400	64764.00	160068.00	16.65	0.97
401	68634.70	160093.20	15.96	1.04
402	82684.05	160112.70	15.72	1.04
403	103034.90	160088.70	16.29	1.34
404	88349.25	160182.00	15.89	1.98
405	89034.00	160179.59	16.87	1.11
406	109268.70	160197.30	15.97	0.99
407	75105.75	160356.59	16.78	1.23
408	113798.25	160373.35	15.42	1.75
409	104198.85	160454.09	16.19	1.38
410	91724.25	160503.84	15.14	1.39
411	110418.00	160677.30	16.13	1.39
412	112128.00	160759.50	15.22	1.51
413	82246.95	160797.16	15.42	1.43
414	71819.40	160835.25	16.36	0.98
415	90004.65	160854.75	16.64	1.19
416	109723.05	161066.55	16.44	1.12
417	62367.90	161136.55	15.69	0.87
418	105904.50	161160.75	16.69	1.04
419	83215.75	161187.91	14.06	0.51
420	99268.50	161232.30	15.60	0.81
421	92844.60	161430.16	17.05	0.64
422	113041.35	161342.80	15.85	1.94
423	70921.65	161392.00	15.22	1.62
424	96771.75	161724.00	16.64	1.24
425	68839.45	161894.70	15.70	0.92
426	116248.95	161935.20	15.80	1.93
427	97674.15	162330.39	15.83	1.35
428	82740.90	162348.45	15.00	1.58
429	89307.05	162902.25	15.00	1.52
430	71281.95	163017.16	16.30	0.99
431	66195.60	163653.16	16.72	0.47
432	81922.20	163759.20	15.15	2.04
433	99874.65	164140.05	16.68	0.80
434	109305.00	164137.66	16.15	1.09
435	75914.55	164349.91	15.28	0.87
436	108998.70	164343.00	16.08	1.77
437	111075.45	164412.30	16.29	1.40
438	89946.75	164735.25	14.59	0.69
439	66630.00	164922.30	16.12	1.09
440	103773.45	164986.66	14.32	1.61
441	103360.65	165634.91	15.89	1.08
442	117292.75	165667.20	16.28	1.30
443	107625.90	165744.39	14.06	1.40
444	65473.95	166679.55	16.57	1.13
445	83838.75	166673.84	13.74	1.74
446	76283.70	166706.25	15.91	1.96
447	118923.00	166685.55	15.18	1.37
448	77394.35	166736.20	15.13	1.58
449	112782.45	166730.55	14.95	1.82
450	112070.10	166744.30	15.91	1.76
451	113966.40	167523.59	15.54	1.13
452	109573.30	167597.25	16.53	1.35
453	100978.20	167655.00	14.04	1.66
454	108909.00	167791.95	14.93	0.98
455	111717.75	167788.80	15.35	1.79
456	117567.60	167834.55	15.82	0.90
457	70796.70	167923.50	16.00	1.83
458	93278.25	168103.50	16.51	1.35
459	76633.65	168148.20	16.84	1.10
460	60728.85	168192.55	16.29	1.54
461	107804.05	168136.45	15.93	2.02
462	91821.60	168230.41	16.79	1.07
463	109420.65	168434.35	15.80	2.16
464	63338.85	168436.00	16.67	0.89
465	63177.30	168723.25	16.39	1.03
466	90172.95	169048.95	15.96	1.10
467	107581.20	169080.45	16.72	1.29
468	63022.65	169426.95	15.51	1.08
469	112948.50	169426.05	15.78	1.81
470	103581.40	169651.66	16.65	0.91
471	83749.90	169667.70	15.72	1.46
472	63296.80	170004.30	15.34	1.03
473	90491.10	170041.95	15.83	1.68
474	89135.10	170047.80	16.05	1.87
475	81619.95	170152.20	15.65	1.11
476	81722.85	170477.55	15.95	1.18
477	113830.65	170489.55	15.86	0.93
478	82110.45	170816.41	15.97	1.34
479	63217.75	171115.20	15.98	1.96
480	91697.70	171346.91	14.93	1.83
481	104450.40	171494.55	16.56	1.46
482	114002.55	171522.91	16.01	1.84
483	106375.50	171540.45	15.83	2.07
484	113260.30	171687.30	15.26	1.83
485	64383.45	172082.55	15.73	1.57
486	93032.40	172121.55	14.29	0.48
487	62825.40	172225.05	16.74	0.82
488	110884.80	172320.45	15.55	2.05
489	98383.65	172370.09	15.47	1.84
490	87736.95	172861.34	16.11	1.52
491	108331.35	172922.09	15.85	1.95
492	111723.90	173088.91	15.63	2.09
493	91755.15	173217.16	15.76	2.11
494	93905.95	173277.30	17.71	0.23
495	100813.20	173417.09	15.64	1.26
496	89819.10	173803.66	15.52	1.06
497	71917.50	173929.95	15.34	1.57
498	89645.10	174153.16	15.57	1.89
499	107938.35	174355.80	16.51	1.23
500	88710.60	174540.39	15.99	1.79
501	108406.80	174534.00	14.85	1.66
502	101610.90	174570.00	16.19	1.08
503	112823.70	174583.34	17.07	0.93
504	91204.65	174827.09	15.65	0.81
505	113920.35	174890.70	15.06	1.00
506	94561.65	175171.80	16.81	1.11
507	104905.95	175198.80	16.09	1.12
508	75137.85	175265.09	15.65	2.07
509	109630.35	175267.20	15.34	1.29
510	93224.05	175299.91	15.93	1.51
511	109678.80	175491.16	15.64	1.15
512	83138.70	175666.50	15.87	2.01
513	98042.85	175757.25	14.83	0.85
514	116137.50	175805.25	16.29	1.23
515	95510.25	175961.55	15.51	1.44
516	113184.30	176220.16	16.22	1.44
517	73417.20	176277.16	16.26	1.01
518	84435.00	176318.55	15.74	1.73
519	88386.85	176377.75	15.45	2.00
520	114851.40	176614.66	16.53	1.47
521	62444.25	176797.80	17.01	0.84
522	88993.05	176775.30	16.38	1.25

SECTION 7

1	124900.20	752.40	15.90	1.14	
2	133545.91	816.00	15.90	2.00	
3	124038.60	832.20	16.30	1.56	
4	172639.05	927.00	15.24	1.00	
5	149046.45	936.40	16.10	1.14	
6	129715.95	1051.50	16.79	0.86	
7	125747.25	1134.90	15.49	1.14	
8	165189.91	1273.50	14.99	1.84	
9	130787.50	1334.25	15.49	1.80	
10	149926.05	1447.20	15.46	1.90	
11	124614.60	1525.80	16.17	1.16	
12	129316.20	1602.45	16.00	1.16	
13	131810.30	1622.35	14.68	1.00	
14	133683.00	1678.95	16.39	1.30	
15	135715.16	1762.20	15.40	1.87	
16	162926.35	1892.25	15.30	2.04	
17	131733.20	2122.35	16.23	0.91	
18	131276.41	2240.10	15.83	1.90	
19	128111.85	2270.10	15.82	1.12	
20	121374.20	2428.80	15.45	1.77	
21	148852.50	2381.40	16.38	1.34	
22	162310.95	2415.75	14.38	1.40	
23	163115.80	2437.15	14.79	1.80	
24	179462.09	2502.75	17.21	0.81	
25	138794.70	2638.05	16.24	1.33	
26	135942.91	2770.80	12.93	1.14	
27	122743.05	2822.70	16.41	1.42	
28	169061.25	2787.45	14.11	1.88	
29	132901.80	2897.10	15.13	1.39	
30	130356.60	2965.65	15.68	2.05	
31	138982.16	2926.10	13.64	2.11	
32	178289.84	2944.45	11.52	1.31	
33	131309.20	3074.55	16.08	1.63	
34	161713.34	3230.80	13.70	1.98	
35	143501.09	3486.75	16.92	1.05	
36	149619.59	3522.45	16.29	1.44	
37	176879.84	3706.50	15.71	0.85	
38	171267.16	3863.70	17.21	0.66	
39	134123.45	3901.05	16.09	1.66	
40	127794.90	3975.60	16.10	1.39	
41	170089.66	4062.90	16.19	1.45	
42	164871.00	4367.70	15.61	0.97	
43	121435.35	5041.50	12.14	1.30	
44	191615.34	5026.95	16.54	1.42	
45	123835.35	5065.35	16.00	1.64	
46	138382.20	5160.90	16.11	1.70	
47	134533.30	5169.00	15.56	1.32	
48	160945.34	5191.50	16.44	1.03	
49	144626.09	5289.45	15.74	1.65	
50	170048.84	5284.35	15.83	1.62	
51	149893.20	5475.00	14.48	0.92	
52	168506.41	5533.35	16.10	1.91	
53	146563.50	5580.00	16.13	1.43	
54	171713.84	5554.05	16.55	0.74	
55	172119.91	5689.35	15.35	1.22	
56	167370.59	5736.15	15.62	1.75	
57	169916.84	5746.50	15.70	1.65	
58	122713.05	5938.50	16.30	1.48	
59	130250.10	6107.40	15.90	1.93	
60	142705.34	6102.90	15.66	1.72	
61	176630.41	6081.30	14.52	1.52	
62	170240.70	6093.15	15.12	0.93	
63	141733.34	6316.95	15.84	2.11	
64	176379.16	6435.25	15.23	1.76	
65	156965.70	6639.60	15.31	1.67	
66	164913.84	6689.40	15.62	1.05	
67	123248.55	6735.15	15.84	1.10	
68	153212.09	6697.05	14.71	1.06	
69	125333.85	6741.90	15.35	1.95	
70	171726.30	6850.80	14.75	0.86	
71	126658.50	6923.80	15.55	2.12	
72	128570.10	7012.05	16.06	1.82	
73	179080.80	7018.35	15.82	1.47	
74	171179.84	7150.65	16.31	1.49	
75	166332.55	7189.95	15.55	2.01	

76	126842.40	7253.85	17.08	0.85	
77	121739.85	7280.70	16.28	1.44	
78	147162.75	7317.30	15.86	1.62	
79	131728.00	7316.80	15.60	1.10	
80	135169.34	7410.85	16.72	1.14	
81	121945.63	7960.35	16.64	1.05	
82	167024.70	7929.60	14.93	0.78	
83	172421.70	7931.85	15.47	2.34	
84	166394.34	8029.35	15.85	2.10	
85	121240.35	8093.80	15.44	2.05	
86	134829.91	8223.15	16.57	1.19	
87	157368.75	8362.50	16.61	1.00	
88	122742.80	8543.85	15.70	2.11	
89	134546.84	8687.85	15.43	1.36	
90	130213.35	8790.00	16.98	0.90	
91	177205.80	8748.90	14.92	2.01	
92	134605.30	8922.15	16.41	1.02	
93	171914.25	8979.30	16.18	1.35	
94	134412.70	9284.40	15.01	1.76	
95	140029.34	9331.80	12.01	0.36	
96	121726.80	9437.85	16.15	1.05	
97	122812.20	9433.65	15.02	0.84	
98	136884.30	9502.20	15.65	2.00	
99	173133.91	9634.00	15.68	1.10	
100	123495.30	9728.10	16.63	1.34	
101	173942.55	9746.70	16.67	1.22	
102	140861.25	9837.30	15.95	1.87	
103	122432.70	9902.70	15.68	1.83	
104	148682.70	9982.80	16.62	1.14	
105	132048.25	9976.95	16.44	1.35	
106	174740.41	10020.75	16.60	1.17	
107	152317.50	10139.55	15.79	2.07	
108	122082.60	10224.15	15.68	1.14	
109	166964.84	10203.15	13.53	1.49	
110	129023.80	10307.55	14.89	1.91	
111	127894.35	10436.25	14.15	0.65	
112	171899.41	10570.65	14.82	0.33	
113	130711.65	10647.15	15.87	1.70	
114	132128.84	10686.45	14.64	2.02	
115	122243.25	10712.25	17.11	0.75	
116	144320.34	10696.65	12.73	1.07	
117	173949.70	10682.70	15.83	1.20	
118	143329.50	10789.80	17.12	0.78	
119	172394.66	10842.60	14.51	1.39	
120	170346.45	11049.45	15.35	2.03	
121	152749.05	11079.30	16.35	1.03	
122	178013.70	11105.40	12.28	1.73	
123	167583.59	11167.65	15.52	1.04	
124	131794.91	11360.25	16.46	0.93	
125	123436.15	11533.05	12.57	-0.03	
126	130346.80	11596.35	16.34	1.39	
127	148881.30	11646.90	16.02	1.24	
128	178781.41	11674.95	15.21	1.06	
129	169020.45	11692.80	15.48	1.78	
130	133673.25	11872.80	13.81	1.69	
131	160043.70	11847.90	16.90	0.98	
132	167732.09	11945.10	13.73	2.13	
133	163960.30	11932.60	13.35	1.06	
134	163131.09	12032.20	15.64	1.08	
135	163480.45	12098.35	16.92	1.00	
136	134703.25	12132.40	16.11	1.42	
137	121041.00	12205.65	15.38	0.99	
138	175335.75	12177.00	15.65	1.27	
139	180202.20	12216.90	12.93	1.79	
140	166446.16	12246.75	15.09	1.22	
141	163129.95	12323.25	16.09	1.66	
142	128945.40	12431.80	16.34	1.01	
143	133897.41	12435.85	16.11	1.47	
144	132985.30	12613.30	16.07	1.92	
145	132619.91	12598.30	16.67	1.10	
146	179109.75	12594.45	16.40	0.71	
147	129904.50	12710.25	17.17	0.78	
148	142074.39	12797.70	16.47	1.29	
149	172429.35	12823.80	13.68	1.81	
150	158107.34	12839.65	16.78	1.10	

151	124494.15	12892.05	15.61	1.67	
152	171735.16	12965.70	14.20	1.79	
153	133052.55	13192.35	16.03	1.08	
154	131930.25	13253.55	15.01	1.61	
155	151053.59	13278.15	15.07	2.01	
156	152444.70	13343.70	15.67	2.16	
157	124672.35	13453.20	15.55	1.96	
158	137393.39	13458.90	15.45	1.27	
159	163346.09	13555.65	14.17	1.56	
160	174514.50	13627.05	16.73	1.07	
161	129469.50	13710.60	14.79	2.34	
162	145965.00	13780.50	11.88	2.12	
163	151108.95	13865.85	15.62	1.73	
164	169820.41	13905.30	15.48	1.71	
165	136406.41	13951.35	14.43	1.56	
166	155486.84	13972.80	13.41	1.26	
167	144977.41	14137.95	15.08	1.21	
168	157749.45	14206.80	15.35	1.68	
169	143907.25	14489.55	16.00	1.06	
170	138078.75	14502.00	13.90	0.71	
171	172848.75	14519.55	15.46	1.95	
172	143371.50	14604.45	15.39	2.13	
173	120929.25	14625.45	16.36	1.20	
174	173220.00	14625.75	16.12	1.68	
175	128293.95	14682.60	17.03	0.94	
176	122107.50	14787.15	14.93	1.68	
177	128433.40	14895.45	15.00	1.70	
178	139394.30	14928.75	16.12	1.75	
179	127419.90	14958.15	14.61	1.41	
180	122931.65	14984.55	16.87	0.83	
181	154333.05	14978.85	16.24	1.25	
182	171780.75	15050.70	15.94	1.07	
183	139258.05	15128.55	15.57	1.32	
184	133067.05	15185.25	17.07	0.62	
185	163501.34	15159.30	14.76	0.85	
186	138304.75	15207.90	13.56	2.31	
187	131309.34	15317.70	15.42	1.82	
188	124134.00	15381.15	15.57	1.10	
189	179873.70	15359.55	15.70	1.81	
190	143269.50	15540.60	14.65	0.77	
191	126351.25	15584.55	15.82	2.08	
192	161588.84	15591.00	14.71	0.93	
193	142034.09	15614.25	15.89	1.80	
194	150413.41	15678.90	15.72	1.06	
195	129302.40	15726.15	14.31	1.78	
196	170767.39	15744.60	14.76	1.96	
197	176000.55	15801.30	16.79	1.05	
198	122815.65	15996.30	14.63	1.83	
199	131260.50	16148.70	15.43	1.72	
200	147952.20	16168.20	15.03	1.75	
201	140062.50	16199.40	15.48	1.05	
202	142139.84	16214.70	15.83	0.84	
203	149421.45	16260.15	16.26	1.54	
204	148602.00	16270.50	15.09	2.36	
205	171878.70	16369.65	15.78	1.10	
206	121422.45	16435.50	15.97	1.31	
207	178804.20	16627.80	15.49	1.73	
208	149024.25	16685.70	15.20	1.19	
209	137214.75	16745.40	16.06	1.24	
210	154655.25	16744.50	14.42	0.34	
211	136380.41	16771.20	15.82	1.54	
212	137820.55	16810.65	15.66	1.84	
213	162166.34	16844.55	16.76	1.18	
214	132910.95	16936.60	15.95	0.88	
215	136613.30	17059.80	16.45	1.44	
216	121776.60	17151.75	16.05	1.66	
217	157292.70	17150.40	15.30	2.22	
218	147389.20	17140.80	14.70	1.00	
219	161348.84	17376.00	15.10	2.02	
220	130424.10	17518.95	17.22	0.75	
221	174162.45	17353.45	16.36	1.42	
222	170854.05	17652.30	15.94	1.72	
223	121253.70	17910.60	14.20	1.92	
224	125915.10	17934.60	16.80	1.02	
225	160632.45	18257.25	15.35	1.26	

226	173805.00	18326.70	14.15	1.81	
227	125576.85	18381.30	16.75	0.90	
228	135172.80	18413.70	15.40	2.05	
229	146404.95	18471.15	14.35	1.53	
230	170941.05	18530.85	14.63	1.41	
231	175191.45	18548.40	17.02	0.82	
232	127474.80	18838.20	15.98	1.26	
233	155258.41	18900.60	15.01	0.83	
234	123546.30	19069.50	16.01	1.64	
235	142231.80	19208.55	15.15	1.65	
236	152010.45	19219.05	14.41	1.73	
237	169039.66	19284.45	15.35	1.74	
238	152835.00	19328.70	15.34	1.75	
239	172974.16	19318.50	15.46	1.20	
240	121443.45	19376.55	14.44	1.61	
241	166442.55	19394.25	15.58	1.09	
242	149100.16	19463.40	15.97	2.00	
243	122159.55	19719.90	14.94	2.09	
244	155185.50	19756.20	14.81	1.57	
245	163004.84	19870.35	13.38	1.15	
246	133547.55	19918.95	14.66	1.78	
247	157903.20	19931.70	15.59	2.28	
248	166095.75	19959.15	15.77	1.91	
249	165315.59	20235.90	16.00	1.68	
250	150117.75	20335.95	13.27	0.64	
251	134921.70	20372.25	15.10	2.20	
252	133070.09	20752.35	15.14	1.48	
253	128931.90	20769.15	16.17	1.81	
254	138541.66	21048.40	13.05	0.39	
255	166654.80	21055.65	12.64	0.34	
256	149160.30	21069.30	15.24	1.48	
257	164069.09	21161.25	16.86	1.07	
258	167882.41	21183.30	15.37	1.92	
259	158279.55	21238.50	16.39	1.09	
260	169481.25	21290.25	15.78	1.63	
261	149915.84	21306.70	15.06	0.99	
262	165641.55	21333.85	16.29	1.32	
263	124436.40	21800.40	15.88	1.01	
264	145799.70	21817.05	16.92	1.07	
265	154852.80	22071.30	15.38	0.90	
266	139573.30	22174.20	16.63	1.36	
267	178399.34	22320.30	15.81	1.78	
268	166642.66	22429.35	16.07	1.39	
269	150749.55	22512.30	16.32	1.49	
270	176265.59	22551.15	16.15	0.95	
271	168937.50	22639.45	14.76	2.16	
272	138123.91	22709.70	13.75	0.53	
273	177840.91	22784.10	13.52	0.53	
274	137794.95	22897.35	14.44	0.67	
275	146889.16	23035.80	16.06	1.15	
276	121606.80	23129.55	15.90	1.15	
277	174575.09	23146.80	15.12	1.94	
278	133795.80	23333.40	16.00	2.02	
279	174197.55	23319.15	15.43	1.57	
280	168271.05	23338.95	16.47	1.18	
281	161215.95	23358.15	15.48	1.91	
282	164878.50	23404.90	15.98	1.96	
283	125792.85	23531.25	15.89	2.01	
284	170843.05	23608.65	16.03	1.10	
285	137324.84	23774.10	14.71	0.89	
286	173162.70	23800.20	16.38	0.81	
287	164879.84	23853.15	14.81	1.88	
288	149947.80	23888.40	15.84	1.93	
289	168662.41	23970.15	15.62	1.06	
290	167743.20	23982.15	15.79	1.94	
291	125516.25	24027.75	17.10	0.62	
292	123839.70	24036.85	16.45	1.30	
293	173564.70	24137.55	15.02	0.98	
294	135077.70	24186.60	16.00	1.45	
295	156794.41	24253.95	16.40	1.55	
296	153620.66	24370.35	15.82	1.20	
297	125336.85	24509.55	15.79	1.65	
298	170368.66	24502.05	17.49	0.41	
299	147787.66	24532.95	17.51	0.33	
300	155515.34	24521.25	15.97	1.15	

SECTION 7 cont.

301	151772.25	24705.60	16.58	1.30
302	148722.30	24818.10	13.13	0.32
303	136597.66	24846.30	17.33	0.56
304	127189.80	24879.75	16.05	1.82
305	139208.09	24893.10	16.14	1.72
306	151892.41	25008.15	14.06	1.63
307	156694.20	25036.45	16.67	1.26
308	125720.85	25202.70	14.91	1.49
309	130937.40	25216.80	16.59	1.13
310	167272.05	25175.85	13.32	0.24
311	172850.25	25279.95	16.22	0.82
312	133307.25	25460.85	15.90	1.83
313	146264.09	25624.20	15.07	1.50
314	156210.00	25689.90	16.09	1.64
315	148834.80	25699.20	16.86	0.87
316	138684.41	25910.40	13.42	2.31
317	124993.65	25973.85	16.31	1.69
318	178034.84	25924.20	16.34	1.46
319	133319.41	26017.95	14.08	0.96
320	148094.25	26153.25	13.72	1.84
321	147600.45	26269.50	13.15	1.98
322	129742.05	26349.75	16.81	0.88
323	167499.91	26327.85	13.39	1.98
324	154313.20	26441.85	16.46	1.03
325	129406.39	26538.15	13.68	0.97
326	127379.25	26573.70	13.22	1.63
327	175130.09	26572.20	16.15	1.30
328	133250.66	26660.70	16.79	1.04
329	123948.00	26769.60	13.34	0.76
330	135320.66	26746.20	13.13	1.80
331	139413.34	26788.80	13.19	1.60
332	126735.30	26875.20	16.31	1.91
333	163092.45	26858.85	16.30	1.27
334	158746.50	26937.90	13.19	2.20
335	178578.30	26988.00	12.67	1.13
336	174064.50	27002.55	13.75	1.91
337	137950.75	27083.25	13.39	1.77
338	122885.25	27269.70	16.61	1.38
339	158748.16	27282.90	13.23	1.37
340	163582.95	27346.35	12.90	1.82
341	133147.75	27421.80	16.72	1.20
342	124925.25	27510.45	16.88	1.14
343	176032.95	27529.25	13.12	1.06
344	163796.80	27628.65	16.71	0.86
345	162624.00	27750.15	14.48	0.74
346	137313.41	27805.05	16.41	1.40
347	133913.20	27808.95	17.20	0.77
348	139420.80	27895.50	16.25	1.73
349	134943.45	28023.75	16.56	1.18
350	139625.95	28025.10	13.78	2.02
351	136290.45	28234.50	16.51	1.36
352	169121.84	28209.45	16.05	1.02
353	130827.15	28312.95	16.75	1.03
354	144362.20	28341.15	16.90	0.88
355	167181.30	28317.60	16.39	1.27
356	135371.84	28439.65	13.82	1.43
357	169014.45	28497.90	13.55	1.07
358	178014.75	28488.75	13.24	0.98
359	151966.95	28534.90	16.82	1.00
360	133560.16	28774.50	16.12	1.79
361	161635.95	28800.30	13.26	1.36
362	132130.05	28916.70	14.97	2.15
363	135613.16	28908.75	16.37	1.18
364	135391.45	28982.40	16.46	0.90
365	172249.34	29049.75	13.16	1.62
366	134794.50	29131.80	16.28	1.62
367	139449.25	29138.85	14.69	0.85
368	133869.91	29237.95	13.75	1.10
369	121447.05	29487.45	13.08	2.02
370	162989.41	29527.80	16.38	1.12
371	177393.70	29571.15	13.01	1.12
372	172018.50	29608.50	13.80	1.42
373	171231.45	29711.10	13.55	1.76
374	133612.50	29773.65	13.70	0.36
375	148288.50	29763.25	16.38	1.10

376	125305.35	29809.95	13.82	1.02
377	166064.70	29866.35	14.62	1.95
378	124638.30	29921.40	13.98	1.28
379	156834.30	29908.50	13.35	0.51
380	126437.10	30092.85	14.40	1.68
381	139528.95	30268.50	12.89	0.42
382	135475.95	30446.10	13.89	2.09
383	159361.66	30538.65	14.72	1.75
384	140897.09	30610.65	14.35	0.86
385	131135.84	30660.30	17.34	0.46
386	174505.50	30715.80	13.61	2.00
387	136578.09	30727.65	14.91	1.76
388	130992.55	30736.35	16.00	1.65
389	147299.84	31082.10	16.78	1.00
390	134019.23	31140.30	13.85	2.17
391	173478.30	31379.25	13.51	1.80
392	161826.75	31473.75	16.47	1.23
393	158484.91	31539.60	13.59	2.22
394	143237.84	31774.20	16.26	1.25
395	159350.55	31783.65	16.39	1.13
396	145729.20	31858.05	16.35	1.12
397	137324.34	32064.75	14.84	1.69
398	148180.80	32089.95	14.98	1.28
399	160601.84	32076.30	13.52	2.09
400	138325.75	32086.50	13.93	1.39
401	147940.50	32097.75	16.37	1.63
402	158926.66	32134.10	15.92	1.19
403	130910.34	32181.45	16.13	1.55
404	122942.25	32220.90	13.76	1.45
405	172119.30	32326.65	16.07	1.34
406	172879.95	32361.60	13.37	1.71
407	129448.65	32511.60	17.11	0.81
408	120722.70	32634.60	14.76	0.68
409	142802.55	32697.75	13.55	1.93
410	179802.59	32791.05	13.62	1.74
411	149393.16	32836.80	14.61	1.95
412	162366.84	32947.80	14.62	0.93
413	163680.00	32979.00	16.35	1.01
414	143712.39	33019.30	13.56	1.09
415	172043.09	33028.05	14.91	2.06
416	143231.25	33070.90	13.77	1.11
417	124296.90	33426.75	16.29	1.15
418	145593.41	33422.55	16.78	1.07
419	123383.70	33676.35	13.78	0.97
420	136136.09	33671.70	16.12	1.81
421	140107.66	33765.30	13.63	1.61
422	128682.00	33957.90	16.60	1.17
423	142230.84	34109.40	13.56	1.06
424	126289.75	34133.10	16.06	1.80
425	121263.90	34170.15	16.16	1.31
426	140284.66	34186.50	14.94	1.01
427	168610.50	34168.35	13.98	1.21
428	129863.55	34199.10	16.40	0.92
429	149744.55	34412.85	16.48	1.33
430	163987.75	34401.00	16.09	1.04
431	132634.91	34406.40	13.72	1.64
432	168430.50	34467.75	16.81	1.12
433	174081.00	34568.55	13.20	1.65
434	171890.55	34597.65	16.75	1.18
435	172516.95	34637.55	13.90	1.76
436	139347.84	34980.60	13.21	1.88
437	143332.20	34970.10	14.69	0.94
438	175975.95	35049.00	13.63	1.80
439	147195.00	35196.45	16.39	1.21
440	162374.25	35304.75	13.43	1.19
441	127439.40	35368.95	13.31	1.72
442	120979.95	35408.40	16.38	0.81
443	149321.84	35466.60	16.28	1.73
444	177269.41	35544.30	13.45	2.06
445	137205.00	35537.20	16.08	1.19
446	164474.55	35567.10	16.34	1.63
447	127286.25	35693.40	16.18	1.17
448	163110.45	35720.70	13.42	1.84
449	121424.10	35831.55	16.07	1.72
450	140319.55	35897.10	16.38	1.23

451	146872.20	35915.25	13.92	1.23
452	142400.84	35939.55	14.78	2.27
453	127761.00	35971.65	13.71	1.67
454	167328.75	35955.30	16.87	0.97
455	175137.91	36135.75	14.76	1.73
456	173989.20	36167.70	13.85	2.13
457	146309.66	36177.30	14.48	0.88
458	130120.95	36200.85	16.72	0.64
459	159253.66	36204.70	13.37	1.92
460	166267.34	36281.40	13.98	1.88
461	131659.34	36297.30	14.53	0.87
462	147719.70	36323.85	15.03	1.65
463	173436.25	36398.85	16.11	1.64
464	123235.00	36493.35	16.65	1.08
465	124970.85	36628.35	16.10	1.43
466	174190.05	36600.45	14.68	1.59
467	139450.20	36898.50	15.38	1.23
468	132027.16	36983.10	16.58	1.19
469	160223.41	36968.55	15.83	1.85
470	163427.70	36962.55	13.08	1.62
471	149402.09	37097.25	14.64	0.91
472	129136.35	37332.45	16.08	1.18
473	152095.80	37407.60	16.15	1.87
474	154330.20	37427.25	16.80	1.16
475	128542.05	37481.25	15.09	1.13
476	176073.00	37432.15	14.42	0.77
477	150335.41	37536.15	15.49	2.01
478	149118.59	37604.70	15.76	1.13
479	147876.59	37627.05	16.16	1.81
480	174286.66	37636.30	15.60	1.17
481	137044.50	37743.90	14.83	0.87
482	177461.70	37708.20	16.80	0.91
483	130668.90	37885.05	15.05	0.96
484	131996.70	37891.05	14.58	1.04
485	168092.84	37882.80	15.68	1.88
486	164814.91	37858.65	12.69	0.60
487	120969.75	37941.60	15.85	1.82
488	137333.09	38104.95	16.99	0.86
489	155396.95	38211.45	15.27	0.83
490	124636.60	38571.00	15.29	1.30
491	176586.75	38561.85	12.92	1.67
492	132560.25	38680.95	14.74	0.91
493	170906.95	38727.15	15.15	1.06
494	121798.20	38819.10	16.50	1.06
495	150774.00	38789.70	15.24	1.89
496	139193.34	38841.60	16.17	1.30
497	138736.80	38929.20	14.27	1.63
498	142941.84	38943.45	15.05	1.16
499	155168.55	39026.10	16.66	1.09
500	149317.34	39031.65	16.90	0.79
501	121134.00	39097.80	16.73	1.18
502	130340.65	39127.05	16.49	1.21
503	127446.00	39169.95	15.31	1.75
504	141085.34	39178.95	16.00	1.74
505	137269.95	39272.40	15.08	1.70
506	124140.60	39316.05	15.79	1.52
507	167724.16	39365.10	15.90	1.16
508	180011.84	39387.00	16.23	1.35
509	149024.55	39438.10	15.79	1.81
510	170853.16	39395.65	13.02	1.23
511	141383.41	39630.00	13.31	1.85
512	172162.20	39646.95	16.22	1.80
513	126965.70	39883.95	12.89	0.31
514	168486.45	39839.40	15.57	2.05
515	163367.70	39874.50	15.91	1.73
516	134136.84	39929.85	13.05	1.18
517	169054.05	39958.80	14.38	0.74
518	174709.20	40188.60	16.58	1.00
519	179358.41	40229.10	15.61	1.81
520	176358.16	40267.20	16.13	0.99
521	170793.30	40320.15	16.67	1.01
522	129708.00	40356.00	16.14	1.33
523	164343.30	40378.80	15.06	1.59
524	159920.25	40456.80	15.10	1.12
525	146618.55	40587.00	14.08	1.40

526	129825.90	40631.25	15.88	2.00
527	168179.70	40639.05	15.19	1.70
528	151895.55	40670.40	15.81	1.87
529	173538.75	40692.00	16.31	1.52
530	144436.91	40736.70	14.49	0.65
531	131910.75	40764.60	14.68	1.59
532	179198.55	41067.15	15.68	1.88
533	173459.55	41137.05	14.69	1.60
534	148274.84	41200.05	15.39	1.65
535	175198.20	41232.75	15.70	1.56
536	125090.25	41322.00	14.73	1.03
537	133266.75	41357.25	16.85	1.04
538	161893.66	41468.70	15.83	1.44
539	133271.25	41583.60	15.34	1.87
540	177729.59	41599.50	16.32	1.24
541	134752.20	41683.50	16.77	1.07
542	138903.30	41742.00	16.35	1.16
543	143018.09	41793.75	16.02	1.99
544	147791.25	41853.00	15.15	1.17
545	153018.75	41926.95	15.68	2.11
546	158192.84	41990.10	15.94	1.71
547	151274.09	42075.30	17.45	0.33
548	141414.75	42165.30	15.67	1.34
549	166361.80	42334.95	16.29	1.62
550	131190.75	42543.15	16.08	1.15
551	142006.66	42538.20	16.45	1.45
552	123987.30	42703.80	14.95	1.03
553	165806.55	42829.80	14.76	1.05
554	173080.95	42974.25	15.37	1.80
555	177048.91	43037.25	15.40	1.47
556	133682.55	43122.45	16.22	1.03
557	147375.16	43182.60	14.55	1.58
558	126635.10	43407.75	15.94	2.07
559	138642.55	43405.20	15.92	1.71
560	167166.45	43708.80	16.25	1.26
561	139830.41	43742.55	16.38	1.42
562	142728.75	43834.80	15.66	1.13
563	134196.25	43900.80	12.34	1.51
564	166073.34	43871.40	16.12	1.71
565	138449.80	43895.70	15.47	1.97
566	179334.30	43970.25	15.56	1.18
567	144067.05	43999.35	15.95	1.64
568	180607.20	44215.20	14.37	2.04
569	132200.66	44477.10	14.92	1.03
570	173318.41	44460.60	16.49	1.18
571	128130.75	44592.30	14.61	1.79
572	123518.10	44763.55	15.28	2.08
573	166328.84	44760.60	14.11	1.38
574	137450.41	44833.65	15.69	1.11
575	125112.00	44895.00	15.90	1.46
576	137025.59	44995.80	15.40	0.84
577	122401.50	45066.75	14.29	1.40
578	148291.66	45109.80	14.34	0.44
579	133902.59	45179.25	15.68	1.60
580	141453.59	45202.20	15.94	1.19
581	124233.90	45247.65	14.89	1.05
582	128535.00	45475.05	16.80	0.98
583	123134.70	45576.60	15.24	2.02
584	122553.30	45742.05	15.87	1.44
585	134448.91	45832.80	15.55	2.00
586	127045.63	45912.15	16.24	0.93
587	126313.50	45915.75	16.00	1.87
588	173007.59	45909.60	16.98	1.04
589	157361.20	46083.90	15.16	2.03
590	124426.95	46159.65	16.03	1.48
591	170666.55	46348.20	15.27	1.63
592	174922.66	46365.75	16.21	1.29
593	153874.50	46457.25	15.02	1.65
594	154928.41	46538.55	17.01	0.96
595	137085.91	46584.45	13.53	0.36
596	171866.25	46592.25	16.70	1.07
597	165463.50	46659.15	16.10	1.01
598	136058.09	46829.70	14.14	1.63
599	160839.75	46836.45	14.89	1.00
600	175226.25	46848.30	16.15	1.33

SECTION 7 cont.

601	146131.34	46933.35	14.94	1.79
602	122842.50	46992.75	13.80	1.25
603	140306.50	47123.55	16.43	1.13
604	140950.20	47137.50	14.66	0.83
605	127619.25	47137.75	16.09	1.12
606	122156.25	47198.10	16.23	1.45
607	174720.16	47169.30	15.68	1.00
608	133487.09	47238.30	16.69	1.28
609	136344.55	47334.45	14.10	0.95
610	130211.55	47442.90	14.55	1.36
611	126999.90	47462.25	13.92	1.45
612	139581.09	47433.30	14.25	1.41
613	149835.16	47490.25	16.14	1.55
614	127370.25	47571.90	13.83	2.13
615	141771.00	47568.90	13.69	2.11
616	146378.80	47613.60	16.22	1.12
617	168388.75	47642.55	16.00	1.73
618	149081.70	47671.35	16.83	1.03
619	134023.00	47739.75	16.38	1.12
620	134315.55	47931.75	13.92	1.88
621	145581.30	47931.60	16.37	1.22
622	138406.20	47951.55	14.97	1.18
623	174301.66	47936.55	14.61	1.53
624	132092.95	48062.40	13.58	1.97
625	173531.80	48199.05	13.35	1.89
626	166427.55	48229.05	16.96	1.01
627	147960.91	48255.00	16.36	1.06
628	135173.05	48277.05	16.83	1.03
629	148559.70	48348.00	16.04	1.76
630	141027.75	48480.85	13.16	2.29
631	132227.09	48746.70	16.69	1.32
632	151128.16	48866.55	16.04	1.33
633	166819.66	48875.70	16.18	1.83
634	151117.20	48973.05	16.21	1.00
635	146042.41	49060.80	16.22	1.62
636	129667.20	49098.30	13.95	2.06
637	162620.55	49137.60	14.32	1.14
638	166072.80	49168.65	13.79	1.91
639	137914.91	49282.35	14.03	0.77
640	143388.75	49305.15	13.90	1.72
641	136846.95	49433.70	16.09	1.41
642	150146.41	49439.10	15.82	1.15
643	165317.66	49449.15	16.09	1.80
644	151530.45	49561.65	16.32	1.29
645	127033.20	49614.60	16.30	1.47
646	148487.41	49591.95	16.27	1.72
647	126462.30	49687.20	16.69	1.05
648	129662.40	49793.55	14.73	0.78
649	139444.50	49839.55	13.98	1.24
650	160739.84	49962.00	16.18	1.30
651	123063.15	50213.40	13.90	0.74
652	134439.66	50338.50	13.90	0.94
653	160917.09	50338.30	16.31	1.32
654	137917.41	50389.95	15.46	1.84
655	149436.84	50491.50	16.18	1.65
656	131193.45	50580.60	13.48	1.72
657	138093.45	50644.15	11.92	1.12
658	140773.30	50692.20	13.61	1.73
659	140541.16	51037.05	14.75	1.45
660	171700.34	51005.70	15.57	1.79
661	169710.00	51140.40	16.10	1.30
662	179369.35	51213.90	14.76	1.01
663	139355.34	51344.70	16.00	1.19
664	162669.30	51358.05	14.60	0.85
665	168213.91	51454.50	15.53	1.53
666	153878.09	51536.20	16.68	1.26
667	148927.34	51573.70	14.93	2.14
668	150190.20	51670.35	16.12	1.89
669	126144.30	51721.30	13.35	1.37
670	139681.20	51780.60	13.78	1.61
671	146790.75	51753.90	16.63	1.18
672	126672.15	51829.95	16.86	1.04
673	153107.66	51848.85	15.31	1.09
674	173820.25	51869.10	15.29	1.24
675	176994.16	51916.50	16.00	0.95

676	132911.84	52024.95	13.78	2.04
677	172003.20	52084.05	14.83	1.77
678	153309.00	52157.10	15.86	1.73
679	138355.91	52133.95	15.45	1.07
680	169707.16	52223.40	15.96	1.09
681	121307.35	52322.85	16.33	1.49
682	131841.30	52315.05	13.65	0.95
683	139265.70	52310.40	13.92	2.04
684	172361.70	52320.90	15.55	1.78
685	143460.55	52364.05	13.81	1.93
686	174787.34	52386.85	13.97	0.89
687	163173.00	52429.00	12.77	1.38
688	142608.16	52475.20	15.00	1.72
689	177723.75	52497.05	15.96	1.66
690	153312.00	52710.30	16.21	1.57
691	131390.45	52730.10	15.73	1.30
692	138786.84	52942.95	15.04	2.17
693	136434.55	53125.65	13.22	0.90
694	143272.39	53118.90	16.36	0.98
695	147475.80	53270.10	15.85	1.24
696	152583.91	53310.75	15.46	1.90
697	154819.20	53311.80	16.57	0.86
698	150722.25	53355.25	16.21	1.29
699	126685.35	53408.05	15.99	1.77
700	137095.66	53435.65	16.39	1.41
701	148845.41	53472.40	15.47	1.74
702	142079.05	53762.70	13.74	1.45
703	125639.25	53836.20	14.90	1.05
704	163783.20	53899.05	15.18	1.08
705	121900.80	53956.05	14.35	1.15
706	139726.66	54086.70	15.34	2.04
707	144787.75	54103.05	16.85	0.95
708	126621.90	54242.35	15.97	1.53
709	121049.55	54256.20	16.19	1.77
710	132797.84	54247.20	15.69	1.43
711	148976.84	54429.00	16.02	1.78
712	170197.34	54420.90	16.48	1.13
713	178129.20	54419.40	15.02	1.40
714	127789.35	54607.20	14.28	1.89
715	158924.55	54607.50	15.52	1.68
716	130223.55	54646.20	14.31	1.86
717	120941.55	54665.70	16.10	1.20
718	132963.00	54697.35	13.73	1.66
719	162450.45	54713.20	14.68	0.91
720	140029.34	54860.85	16.88	1.03
721	144902.41	54875.10	13.87	1.22
722	154230.45	54894.60	16.66	0.92
723	149220.39	54906.45	16.45	1.46
724	158936.41	55044.90	13.67	2.15
725	134869.34	55173.45	16.23	1.03
726	148618.50	55179.30	14.30	0.83
727	157122.39	55188.75	13.43	1.09
728	138422.41	55272.90	13.60	1.52
729	155667.45	55320.90	13.21	0.39
730	132588.39	55374.90	13.84	1.87
731	123579.45	55433.50	15.49	2.03
732	121841.10	55461.00	15.53	1.98
733	133581.16	55464.60	13.14	1.39
734	127641.30	55494.75	13.52	2.06
735	123226.45	55509.60	16.58	0.83
736	151125.00	55582.45	13.28	1.26
737	136447.05	55597.00	16.46	1.22
738	167723.84	55599.70	15.64	1.87
739	124660.50	55617.00	13.28	2.24
740	139334.39	55604.70	16.32	1.32
741	164480.84	55692.30	16.21	1.37
742	178391.95	55732.80	13.89	2.06
743	152777.25	55900.50	16.05	1.73
744	139531.45	55987.20	16.03	1.12
745	127643.70	56013.00	15.33	0.89
746	148366.45	56052.75	14.01	1.83
747	161633.84	56053.20	13.87	2.00
748	128391.25	56098.80	13.45	1.17
749	132943.39	56220.60	13.13	1.33
750	132812.09	56253.75	16.37	1.22

751	176482.20	56376.30	14.76	0.99
752	124968.75	56517.15	16.47	1.32
753	162910.95	56551.80	13.93	1.27
754	130889.66	56583.00	16.68	0.96
755	176010.45	56592.30	16.11	1.12
756	124247.85	56712.75	16.17	1.48
757	149229.91	56731.60	14.34	0.81
758	148476.39	56763.15	13.13	1.67
759	172179.00	56771.25	14.90	0.72
760	131818.16	56791.45	13.88	0.38
761	138209.70	56819.70	13.59	0.91
762	134148.00	56932.35	13.82	1.53
763	146173.34	56989.35	16.54	1.40
764	128716.50	57382.65	13.71	1.31
765	122718.30	57555.15	13.77	1.68
766	143575.34	57610.05	13.86	2.12
767	136454.41	57631.80	13.77	1.80
768	177904.05	57638.05	16.04	1.61
769	171422.25	57691.20	14.44	0.65
770	172701.00	57811.05	16.29	1.56
771	134849.84	57821.70	14.96	1.64
772	122934.60	57925.50	16.28	1.01
773	146222.41	57907.95	13.21	2.09
774	179557.95	58303.50	13.66	0.90
775	142736.50	58523.25	14.24	0.73
776	139943.34	58577.55	16.12	1.18
777	142032.91	58678.05	13.92	1.38
778	139465.45	58740.15	14.62	1.83
779	150263.70	58786.65	13.99	1.09
780	167442.75	58777.05	13.84	1.89
781	139133.59	58783.95	13.63	1.77
782	136289.25	58831.95	13.15	1.80
783	135584.55	58938.75	16.45	1.10
784	170461.30	59007.45	16.04	1.68
785	177683.09	58977.00	16.13	1.24
786	145020.16	59017.65	16.31	1.27
787	171162.45	59104.65	15.71	1.22
788	134534.09	59125.20	13.96	1.99
789	172600.66	59275.80	16.24	0.86
790	139421.41	59310.60	15.86	2.05
791	141802.50	59330.85	16.34	1.12
792	139576.50	59462.55	16.35	1.39
793	121899.00	59488.20	17.60	0.30
794	143736.45	59642.10	16.94	0.85
795	121536.30	59692.05	16.05	1.46
796	128140.80	59746.50	16.38	1.26
797	160137.91	59778.60	16.33	1.65
798	128685.45	59896.80	16.98	0.99
799	135287.70	59918.10	16.62	0.86
800	178043.41	59904.00	16.39	1.61
801	132666.39	59955.00	15.82	1.66
802	132774.30	60034.20	16.12	1.85
803	143533.20	60033.00	14.79	1.93
804	143731.16	60110.10	16.18	1.81
805	129165.75	60290.60	15.61	1.82
806	172608.00	60373.45	13.68	2.18
807	165262.05	60371.10	16.01	1.98
808	143626.45	60466.30	14.35	1.10
809	130181.85	60506.35	13.70	2.18
810	127202.25	60565.05	15.22	2.14
811	137395.80	60598.50	15.53	1.11

SECTION 8

1	146671.05	60696.75	15.32	0.99	
2	129743.16	60803.50	15.76	1.97	
3	121502.40	60880.05	16.33	1.74	
4	175630.20	60817.50	16.88	1.15	
5	122684.55	60992.70	14.73	1.79	
6	136301.34	61179.45	15.88	1.08	
7	132611.25	61032.60	15.75	2.05	
8	178801.34	61335.30	16.21	1.78	
9	133772.41	61214.40	16.55	1.01	
10	130808.50	61261.80	16.06	1.60	
11	124173.45	61243.50	16.48	1.03	
12	140843.84	61325.85	16.16	1.61	
13	154884.41	61439.25	16.67	1.27	
14	150412.80	61472.25	15.36	1.71	
15	144065.84	61618.05	16.13	1.49	
16	129373.60	61579.05	15.18	2.25	
17	160494.16	61714.35	15.69	1.98	
18	135469.91	61793.85	14.71	1.31	
19	135629.50	61787.85	15.34	1.33	
20	121411.20	61824.60	16.33	1.66	
21	179430.30	62026.35	14.82	1.63	
22	148479.16	61935.60	16.04	1.80	
23	168725.84	61995.75	13.27	2.11	
24	133376.09	61969.75	16.58	0.86	
25	134062.59	62102.35	14.73	1.71	
26	167426.25	62166.90	14.47	2.14	
27	132793.34	62134.05	16.28	0.73	
28	169703.09	62339.85	13.35	0.92	
29	121004.70	62184.75	15.87	1.68	
30	134003.25	62249.40	15.50	1.70	
31	163831.34	62463.15	16.09	1.45	
32	131555.95	62490.00	15.91	1.75	
33	124125.60	62448.75	16.74	1.22	
34	125283.00	62599.90	16.90	1.12	
35	144491.66	62786.10	16.51	1.49	
36	175217.55	62896.65	14.13	0.72	
37	137331.84	62852.85	15.36	2.02	
38	121065.75	62908.30	16.18	0.99	
39	133708.80	62943.15	16.88	0.88	
40	131551.50	63036.75	15.26	1.25	
41	137979.91	63151.35	14.67	2.17	
42	180655.95	63316.80	15.67	1.12	
43	130307.25	63315.75	16.44	1.22	
44	127302.00	63410.40	16.17	1.43	
45	153088.80	63521.70	15.30	1.25	
46	173063.25	63618.15	16.37	1.07	
47	147994.80	63597.85	16.42	1.28	
48	155651.41	63615.90	15.69	1.18	
49	121395.40	63691.05	16.91	1.05	
50	177176.25	63917.70	14.07	0.83	
51	158101.34	63881.85	15.32	1.97	
52	130328.70	63859.90	16.10	1.45	
53	121129.70	64037.85	15.76	1.81	
54	131584.16	64146.30	15.76	2.17	
55	170302.20	64281.60	15.74	1.32	
56	133816.34	64203.45	16.06	1.61	
57	158244.91	64324.80	16.45	1.34	
58	176013.00	64392.75	15.23	1.64	
59	122600.85	64233.30	13.99	1.79	
60	172712.25	64411.20	13.46	1.20	
61	171666.00	64434.90	13.92	1.46	
62	141046.30	64338.90	15.30	1.80	
63	132491.09	64366.95	16.17	1.60	
64	143411.25	64421.25	11.05	1.48	
65	137833.05	64438.85	16.39	1.24	
66	147069.30	64858.95	13.48	2.00	
67	164293.34	65044.35	16.32	1.62	
68	137746.75	65037.75	17.30	0.47	
69	148009.05	65050.65	13.85	1.10	
70	171222.75	65137.75	16.14	1.65	
71	135859.34	65060.25	15.52	1.91	
72	130751.09	65050.50	17.09	0.94	
73	176327.25	65218.20	13.07	2.03	
74	138028.05	65185.35	15.99	1.43	
75	143200.50	65298.00	16.89	1.10	

76	163390.91	65385.90	13.87	1.22	
77	175742.41	65454.00	15.15	2.22	
78	163884.59	65469.60	16.61	1.16	
79	154450.05	65447.25	15.30	1.95	
80	174931.80	65716.50	16.09	1.16	
81	128163.15	65589.00	15.51	1.15	
82	140275.80	65687.70	16.11	0.94	
83	123089.55	65665.20	15.79	1.97	
84	144787.34	65763.75	15.27	1.68	
85	144434.84	65806.20	15.55	1.73	
86	121017.00	65739.15	15.32	1.68	
87	138256.20	65796.60	15.38	1.43	
88	129169.20	65814.75	16.44	1.12	
89	150211.05	65954.40	15.86	1.63	
90	162654.91	66098.85	15.64	1.71	
91	137302.66	66046.50	15.04	2.28	
92	121993.80	66010.95	16.34	1.44	
93	165389.66	66268.35	15.64	1.10	
94	129132.15	66161.85	15.80	1.75	
95	167997.91	66345.75	15.69	0.97	
96	130951.45	66331.95	16.02	1.82	
97	132985.16	66387.00	15.68	0.30	
98	139478.80	66422.70	16.24	1.39	
99	146003.20	66391.50	15.93	1.10	
100	153304.20	66441.60	15.65	1.18	
101	144496.34	66425.70	15.53	1.85	
102	134002.30	66452.70	17.06	0.88	
103	164136.84	66670.95	16.27	1.37	
104	147111.00	66580.05	16.34	0.95	
105	131223.00	66682.35	16.70	1.27	
106	173080.00	66823.95	16.06	1.22	
107	146812.66	66758.40	16.68	0.81	
108	166134.70	66835.80	14.53	1.08	
109	140087.09	66781.05	16.44	1.00	
110	126085.20	66882.60	15.73	1.91	
111	179758.05	67069.65	15.06	0.97	
112	177839.05	67079.55	13.38	1.49	
113	142402.66	66992.10	16.17	1.15	
114	138221.35	67024.05	14.18	1.22	
115	121383.15	67072.05	15.78	2.02	
116	144821.66	67213.90	16.38	1.36	
117	134449.45	67236.45	14.93	1.24	
118	123199.65	67279.25	15.06	1.94	
119	131020.65	67479.45	16.45	1.19	
120	134351.30	67313.75	16.91	1.05	
121	134309.75	67426.45	15.58	1.76	
122	167710.30	67775.10	12.52	1.40	
123	124934.95	67766.85	16.85	1.12	
124	135393.75	67936.95	16.87	0.99	
125	122141.25	67967.10	16.72	1.13	
126	169108.95	68134.65	14.35	0.64	
127	171902.09	68139.30	15.81	1.72	
128	121137.70	68017.05	13.99	1.29	
129	141259.66	68081.40	15.56	1.98	
130	163587.39	68181.15	13.73	1.73	
131	124142.85	68088.45	13.22	2.27	
132	172517.25	68298.00	14.78	1.01	
133	129911.40	68253.00	16.17	1.79	
134	172340.25	68467.95	16.30	1.15	
135	146251.95	68416.35	16.76	0.95	
136	164831.29	68586.45	16.63	1.08	
137	152098.05	68589.90	16.53	1.15	
138	147389.09	68589.15	16.69	1.26	
139	133927.75	68602.20	16.50	0.90	
140	162360.75	68890.50	13.21	1.80	
141	123144.70	68829.00	13.96	1.35	
142	129432.10	68908.80	16.48	1.23	
143	138232.66	69182.70	16.06	1.74	
144	136743.91	69214.20	14.86	1.48	
145	131137.20	69400.65	16.50	1.44	
146	166479.59	69315.40	13.84	1.25	
147	124025.40	69424.95	15.53	1.39	
148	143224.05	69793.50	14.97	0.86	
149	142024.34	69945.60	17.18	0.85	
150	137275.39	70026.30	16.97	0.81	

151	142540.34	69987.75	16.27	1.18	
152	168539.34	70231.65	16.19	1.05	
153	144208.05	70379.25	16.12	1.36	
154	176449.91	70368.10	16.53	1.18	
155	132760.50	70540.95	15.95	0.96	
156	168704.25	70731.85	15.97	1.74	
157	130934.05	70701.15	15.92	1.74	
158	134637.66	70776.75	15.78	1.98	
159	122747.70	70669.95	16.00	1.57	
160	153401.41	70770.30	15.48	1.86	
161	148610.70	70867.95	16.50	1.15	
162	136432.30	71003.25	16.54	1.17	
163	142101.59	71011.95	15.90	1.64	
164	126199.05	70977.00	14.91	1.64	
165	125389.65	71001.45	15.98	1.98	
166	121110.30	70993.35	15.70	0.86	
167	167774.41	71232.30	15.60	1.64	
168	146985.30	71225.55	14.11	1.27	
169	174748.75	71416.95	16.31	1.22	
170	160162.66	71453.85	15.72	1.13	
171	129293.70	71371.95	15.70	2.21	
172	133021.95	71604.75	16.77	1.24	
173	128709.60	71731.05	14.55	1.50	
174	165299.09	71843.95	15.37	1.18	
175	131229.09	71819.25	14.86	1.53	
176	138882.59	71796.15	16.51	1.21	
177	160039.50	71905.65	16.32	0.87	
178	176674.80	72020.55	14.55	0.80	
179	138548.20	71973.30	16.48	1.00	
180	133235.55	71920.65	15.78	1.48	
181	145515.75	71974.80	15.61	1.99	
182	124943.10	71971.05	15.95	1.15	
183	168120.91	72134.80	16.10	1.83	
184	164705.09	72137.35	15.30	1.67	
185	128539.05	72081.45	16.52	1.09	
186	126255.00	72240.60	12.40	0.67	
187	122330.85	72214.35	16.19	1.66	
188	163521.75	72506.25	14.99	1.73	
189	151483.66	72540.00	16.86	0.93	
190	152099.55	72588.00	16.18	1.27	
191	129874.35	72552.90	16.46	1.52	
192	178725.00	72740.70	15.92	1.30	
193	137046.25	72786.15	14.80	1.36	
194	133267.50	72815.55	16.01	1.47	
195	146282.55	72878.55	16.66	0.60	
196	134216.05	73019.10	12.98	0.13	
197	164884.05	73092.75	13.44	1.50	
198	172332.30	73114.80	15.85	1.13	
199	120791.85	73027.80	14.51	1.10	
200	176744.41	73361.40	13.79	1.13	
201	130041.90	73236.40	16.39	1.44	
202	138477.39	73346.35	15.90	1.29	
203	124962.00	73306.65	14.54	0.89	
204	130939.95	73414.50	15.20	1.70	
205	163993.80	73542.60	13.18	1.26	
206	137194.34	73573.90	14.22	1.78	
207	148798.95	73713.60	14.95	1.75	
208	123130.50	73692.75	13.82	1.20	
209	133699.80	73774.05	16.76	1.12	
210	163438.91	73973.25	16.74	1.20	
211	159958.45	73977.00	16.06	1.74	
212	138403.30	74013.45	13.94	1.82	
213	129265.09	74115.30	13.77	1.87	
214	137774.20	74203.05	16.29	0.89	F60
215	171731.70	74287.50	15.47	1.04	
216	136197.35	74368.50	16.17	1.32	
217	144309.39	74377.50	16.69	1.07	
218	180299.09	74624.55	15.87	1.23	
219	130722.15	74463.35	16.17	1.37	
220	122603.20	74466.90	14.67	0.78	
221	151862.25	74577.15	14.78	0.72	
222	129948.60	74621.40	14.14	0.82	
223	148446.75	74685.00	15.30	1.16	
224	132185.84	74646.30	16.49	1.48	
225	127142.70	74691.00	13.12	1.84	

226	143144.20	75129.90	14.68	1.51	
227	123899.70	75107.70	15.59	1.68	
228	133739.55	75148.35	16.77	1.01	
229	134952.25	75218.25	16.65	1.16	
230	153945.30	75291.30	14.44	0.76	
231	167527.05	75340.05	15.60	1.32	
232	149778.59	75451.50	16.58	1.34	
233	135657.84	75466.50	15.54	1.86	
234	163277.25	75509.40	12.41	0.58	
235	175118.25	75547.65	14.72	0.97	
236	166868.70	75643.35	15.60	2.26	
237	171163.95	75682.65	16.01	1.94	
238	123038.10	75542.10	15.97	1.04	
239	158440.50	75710.85	15.66	1.11	
240	162787.50	75779.70	16.49	1.17	
241	152844.00	75816.00	16.46	1.28	
242	150004.05	75862.50	14.91	0.91	
243	152401.50	75863.25	16.86	0.97	
244	146648.84	75885.15	16.59	1.21	
245	135416.41	75934.50	16.39	1.60	
246	131562.59	75932.25	15.92	1.72	
247	170896.80	76102.05	16.00	1.72	
248	126561.75	75969.75	15.47	1.24	
249	166856.41	76143.30	16.18	1.33	
250	161547.45	76148.55	15.96	1.58	
251	156196.20	76156.20	14.38	0.79	
252	136216.50	76164.15	15.99	1.33	
253	163685.25	76282.05	15.31	1.28	
254	158164.80	76413.45	12.80	0.59	
255	121351.05	76362.15	15.10	1.68	
256	144637.50	76544.40	16.17	1.75	
257	172285.50	76629.30	16.71	0.91	
258	125504.10	76625.70	15.25	1.97	
259	149833.34	76701.75	14.64	0.84	
260	145119.00	76723.65	15.58	1.17	
261	161938.95	77031.60	15.99	1.88	
262	149436.41	77029.50	16.34	1.36	
263	167463.45	77105.40	15.84	1.97	
264	137011.30	77144.70	16.76	1.22	
265	176047.45	77310.90	16.14	1.71	
266	122262.75	77168.25	14.57	2.00	
267	167212.80	77468.85	16.66	1.10	
268	125839.50	77351.25	16.46	1.12	
269	170136.41	77503.95	15.90	1.65	
270	142716.91	77457.30	15.85	1.86	
271	142295.70	77491.80	15.60	0.92	
272	122038.65	77451.00	16.49	1.38	
273	159885.16	77573.55	15.56	1.45	
274	150088.34	77611.80	15.40	1.36	
275	137164.20	77728.05	15.58	0.97	
276	121074.75	77702.55	16.52	1.11	
277	134974.80	77827.50	15.85	1.85	
278	130559.55	77860.65	16.51	0.94	
279	155541.00	77936.25	13.95	1.71	
280	148870.75	77995.95	15.02	1.70	
281	135361.50	77943.60	15.27	1.68	
282	171218.09	78111.60	15.41	1.73	
283	165902.84	78138.45	15.57	1.97	
284	175346.95	78188.70	11.41	0.39	
285	177647.25	78219.90	14.93	1.11	
286	125380.50	78131.40	15.63	1.62	
287	164955.59	78277.95	16.50	1.20	
288	152921.55	78279.45	15.48	1.94	
289	143320.95	78382.35	14.98	1.49	
290	137286.75	78477.75	15.81	0.98	
291	125692.05	78541.95	17.00	0.91	
292	123973.05	78537.90	15.64	1.67	
293	121429.95	78639.00	14.98	2.14	
294	140914.34	78702.90	15.35	2.15	
295	177345.00	78812.85	14.34	1.77	
296	138548.50	78864.15	15.51	1.85	
297	134437.30	79014.30	12.96	1.08	
298	148405.66	79047.60	15.85	1.76	
299	127119.90	78993.90	16.50	1.30	
300	124791.75	79029.00	14.48	1.32	

SECTION 8 cont.

301	123901.20	79349.55	16.10	1.80	
302	137059.34	79392.85	15.12	1.09	
303	122811.15	79603.05	16.79	1.17	
304	176110.05	79843.50	15.88	0.92	
305	139514.80	79791.45	15.41	1.22	
306	172706.25	79833.90	16.83	1.16	
307	149737.95	79813.65	15.83	1.62	
308	169110.39	79928.70	14.97	2.10	
309	141105.45	79894.05	15.01	1.69	
310	164045.55	79993.95	13.69	0.63	
311	160189.66	79980.75	14.96	1.02	
312	125397.45	79943.10	17.43	0.61	
313	125143.95	80100.45	15.30	2.06	
314	156898.95	80275.20	11.64	0.20	
315	163606.95	80293.05	14.87	0.92	
316	125639.85	80287.05	16.41	1.48	
317	163097.80	80509.95	15.91	1.71	
318	126451.35	80439.45	17.01	0.93	
319	121168.35	80434.20	13.91	1.67	
320	170462.84	80603.70	16.31	0.98	
321	138547.95	80539.05	14.43	2.02	
322	169478.55	80724.75	14.69	0.78	
323	164889.45	80772.00	13.81	1.44	
324	132057.09	80745.30	15.28	1.96	
325	131740.80	80686.95	16.29	1.33	
326	163438.45	80875.35	13.43	1.72	
327	135292.50	80852.85	16.86	1.06	
328	149301.20	80923.05	16.04	1.29	
329	137090.09	80904.90	16.37	1.33	
330	132264.30	80939.40	13.92	2.02	
331	137101.20	81077.70	16.04	1.84	
332	177092.55	81166.05	13.79	2.02	
333	161369.09	81140.25	16.16	1.09	
334	135348.70	81138.30	13.93	1.19	
335	153662.55	81147.90	16.06	1.40	
336	134925.30	81141.30	13.87	1.37	
337	137868.16	81291.55	13.76	1.99	
338	139990.05	81313.95	13.20	1.62	
339	158057.09	81384.45	14.96	0.89	
340	138974.41	81443.70	16.63	1.18	
341	172764.39	81797.10	16.35	1.37	
342	129726.60	81674.25	16.03	1.52	
343	151885.50	81761.10	16.16	1.67	
344	174855.75	81852.75	16.05	1.21	
345	169443.00	81884.70	16.34	1.56	
346	149713.34	81900.00	13.42	1.66	
347	130361.20	81873.90	13.59	1.53	
348	139303.91	82095.75	16.13	1.68	
349	167134.66	82236.75	16.25	1.25	
350	137774.70	82203.60	13.36	1.73	
351	133187.25	82196.70	16.43	1.47	
352	156328.16	82471.65	13.91	1.91	
353	143933.66	82537.50	17.03	0.95	
354	177443.34	82720.65	15.68	1.99	
355	148304.34	82707.60	13.09	1.88	
356	130888.80	82748.70	13.62	2.16	
357	153145.50	82966.50	13.17	0.71	
358	156376.05	82964.25	13.02	0.91	
359	121007.10	82952.70	13.69	1.87	
360	159673.95	83183.55	13.90	1.57	
361	164783.41	83203.20	14.41	1.47	
362	151864.80	83179.80	16.43	1.35	
363	139950.53	83214.45	16.35	1.38	
364	123633.00	83120.35	13.84	1.77	
365	163468.05	83286.75	13.37	1.92	
366	128306.55	83212.50	13.47	1.31	
367	173861.09	83425.20	14.00	1.84	
368	164825.70	83312.80	16.76	1.20	
369	160010.25	83369.30	14.93	0.98	
370	134382.00	83339.90	13.96	1.44	
371	149429.84	83660.70	13.96	1.68	
372	134993.55	83733.75	13.60	1.95	
373	167634.59	83838.45	16.20	1.13	
374	121227.00	83924.85	13.76	1.66	
375	147027.91	84020.40	13.21	2.04	

376	133485.34	84109.05	14.94	0.76	
377	132172.50	84078.60	13.75	1.94	
378	150545.84	84307.80	15.20	1.60	
379	135937.05	84314.10	15.84	1.65	
380	139892.84	84409.35	16.09	0.99	
381	142962.91	84404.70	13.28	1.57	
382	125351.55	84437.40	17.14	0.76	
383	133068.16	84489.75	16.87	1.08	
384	180695.70	84701.40	16.41	1.36	
385	133547.70	84572.10	15.09	1.64	
386	138674.09	84686.85	15.67	1.75	
387	151383.30	84737.40	16.56	1.33	
388	126879.45	84662.25	16.18	1.37	
389	173429.50	84828.30	16.21	1.12	
390	122839.65	84746.10	15.96	1.74	
391	140849.84	84982.20	15.85	1.24	
392	124423.15	84957.30	15.00	1.50	
393	157228.20	85097.25	15.39	1.90	
394	146791.95	85138.75	15.91	1.48	
395	121789.50	85111.95	15.16	1.84	
396	160694.55	85286.25	15.47	1.81	
397	153991.50	85343.95	16.21	1.19	
398	138665.66	85386.60	16.42	1.23	
399	151584.00	85382.25	15.35	1.88	
400	129984.15	85330.20	15.50	0.93	
401	129379.00	85357.35	16.02	1.16	
402	147724.34	85423.30	16.09	1.46	
403	142377.39	85466.10	16.40	1.36	
404	132735.16	85438.50	13.97	1.74	
405	169333.00	85602.90	15.41	1.17	
406	157244.25	85603.05	16.74	1.20	
407	156301.66	85600.65	15.39	2.08	
408	131956.34	85535.55	15.74	1.39	
409	162019.34	85651.50	13.93	1.32	
410	161454.39	85692.45	13.98	1.27	
411	164839.66	85760.40	16.37	1.07	
412	163211.70	85922.40	16.82	1.01	
413	133432.45	85849.95	16.33	1.57	
414	136313.20	86059.95	17.12	0.78	r65
415	137822.70	86075.70	16.28	1.56	
416	164568.00	86268.45	16.05	1.05	
417	123382.15	86186.55	15.75	1.83	
418	143967.35	86243.65	14.97	0.92	
419	140473.95	86262.45	17.23	0.10	
420	164057.41	86472.90	15.24	1.59	
421	150763.66	86473.95	13.47	1.74	
422	153631.30	86545.50	13.85	1.13	
423	177785.41	86640.00	16.13	0.89	
424	136349.75	86527.50	14.49	1.84	
425	139813.41	86585.55	15.52	1.27	
426	167769.16	86718.00	16.21	1.73	
427	156329.84	86720.70	15.05	1.91	
428	130174.35	86651.40	15.04	1.95	
429	163545.45	86783.70	15.41	1.74	
430	121995.30	86674.05	14.43	1.41	
431	149803.95	86891.70	15.42	1.52	
432	124074.00	86953.95	16.48	1.22	
433	140077.16	87108.60	15.39	1.34	
434	171611.25	87242.40	16.02	1.06	
435	121624.20	87143.20	16.91	0.84	
436	146161.34	87350.25	13.52	1.92	
437	124874.70	87312.00	13.95	1.01	
438	176150.25	87496.80	13.33	2.14	
439	132264.45	87396.75	13.11	1.07	
440	123181.90	87388.50	13.69	0.97	
441	134816.84	87563.70	16.37	1.36	
442	146623.80	87624.60	13.60	2.08	
443	133135.20	87687.00	16.19	1.12	
444	172565.41	87793.20	16.26	1.64	
445	144890.25	87730.95	16.32	1.63	
446	130209.90	87824.35	15.01	0.83	
447	149811.75	87928.65	13.60	1.03	
448	168110.35	88043.35	13.66	1.16	
449	162342.25	88039.45	16.32	1.52	
450	149237.09	88086.00	14.62	0.85	

451	130754.70	88270.80	16.32	1.60	
452	149586.91	88427.70	13.74	1.73	
453	129783.60	88442.10	16.63	1.30	
454	163128.16	88537.75	13.61	1.03	
455	161405.70	88600.05	14.61	0.96	
456	131897.25	88545.00	16.31	1.29	
457	123454.65	88548.00	16.03	1.47	
458	129129.60	88622.70	13.96	1.27	
459	134542.30	88710.30	14.49	2.03	
460	129270.20	88726.35	13.38	2.06	
461	136082.09	88836.55	16.21	1.63	
462	130887.00	88887.15	14.68	1.47	
463	154406.55	88980.45	17.22	0.74	
464	124622.85	88917.60	13.67	1.72	
465	171355.34	89103.45	15.00	1.60	
466	175833.00	89134.00	13.36	2.35	
467	158493.25	89118.75	14.87	1.01	
468	156258.70	89170.80	16.45	1.19	
469	134397.05	89176.65	13.21	2.11	
470	159282.75	89243.20	14.63	2.12	
471	124238.85	89158.20	14.01	1.75	
472	143491.75	89262.45	14.93	1.76	
473	132245.55	89313.45	16.57	1.20	
474	130320.90	89384.70	16.61	1.28	
475	174949.66	89750.40	13.33	0.58	
476	139487.84	89687.55	13.64	1.32	
477	151407.59	89739.30	13.12	2.27	
478	148044.45	89793.10	14.75	1.27	
479	138476.09	89790.30	16.20	1.10	
480	163552.80	89994.30	16.29	1.63	
481	155508.55	90044.00	16.26	1.29	
482	177027.00	90219.00	14.76	1.85	
483	169233.30	90220.80	14.93	1.78	
484	126137.35	90116.10	16.29	1.68	
485	166984.30	90341.55	16.05	1.72	
486	159965.41	90317.40	16.62	1.30	
487	162414.16	90460.95	14.95	1.97	
488	131429.50	90448.00	14.13	1.27	
489	175497.16	90749.30	13.22	0.96	
490	161000.41	90902.85	15.77	1.80	
491	159536.34	90978.60	15.76	1.88	
492	157516.95	91045.30	16.29	0.94	
493	132072.39	90999.75	15.70	1.80	
494	162289.66	91198.65	15.35	1.67	
495	172166.70	91392.85	16.12	1.43	
496	158423.05	91323.15	15.61	1.89	
497	131396.95	91248.45	15.94	1.96	
498	142085.55	91305.60	16.24	1.00	
499	132597.45	91342.05	14.45	1.78	
500	144321.25	91419.90	12.72	0.53	
501	140313.45	91420.95	13.97	1.08	
502	133070.00	91529.40	16.29	1.50	
503	128486.85	91578.30	16.50	1.30	
504	134646.84	91602.75	16.38	1.30	
505	143302.95	91645.50	13.06	1.76	
506	148628.55	91692.45	16.22	1.00	
507	131717.25	91667.25	16.67	1.06	
508	174834.91	91817.40	16.36	1.17	
509	168823.34	91846.00	15.78	1.59	
510	166383.00	91887.60	16.35	1.62	
511	128185.35	91831.20	16.26	0.90	
512	145243.95	91883.70	14.70	0.80	
513	168490.95	92024.10	13.88	1.25	
514	136743.35	92037.70	16.38	1.31	
515	122640.13	92071.20	14.00	1.27	
516	177457.80	92275.65	13.44	2.18	
517	173088.16	92232.95	13.77	1.70	
518	148191.45	92267.85	13.22	1.67	
519	159267.30	92287.40	13.91	1.79	
520	133093.91	92276.00	13.12	1.77	
521	130790.70	92405.40	13.10	1.04	
522	129296.55	92463.60	13.16	2.13	
523	161637.84	92389.15	14.29	1.28	
524	121636.65	92478.75	14.73	1.44	
525	164139.41	92708.10	15.91	1.73	

526	135797.95	92693.85	16.34	1.21	
527	125229.45	92607.60	15.34	0.95	
528	142172.84	92769.75	16.20	1.26	
529	150697.66	92802.75	15.83	1.08	
530	123476.85	92725.35	16.17	1.46	
531	142928.41	92942.70	15.21	2.04	
532	142481.55	93069.90	15.83	1.63	
533	152337.75	93190.80	15.84	1.55	
534	151308.00	93218.25	17.00	0.99	
535	174905.41	93344.55	16.49	1.51	
536	132776.55	93215.25	15.94	1.52	
537	153506.84	93474.60	16.58	1.29	
538	123963.00	93400.65	16.18	1.52	
539	164720.84	93644.40	16.46	1.42	
540	133255.50	93548.55	15.84	1.68	
541	160836.75	93746.55	17.77	0.31	
542	165023.25	93778.80	16.00	1.92	
543	137126.41	93735.15	16.74	1.04	
544	125803.05	93740.40	15.15	1.48	
545	142290.91	93876.60	16.65	1.17	
546	163735.95	93968.10	12.88	0.62	
547	126278.10	93938.25	17.12	0.90	
548	144508.59	94017.75	15.78	1.32	
549	129165.00	93950.40	15.55	0.90	
550	136766.95	94074.00	16.71	0.99	
551	124833.90	94006.50	14.81	0.80	
552	152092.20	94135.75	16.07	1.51	
553	137236.75	94181.25	16.33	1.38	
554	123333.35	94193.70	13.50	0.68	
555	122724.00	94248.00	15.58	2.00	
556	138513.35	94325.25	13.45	0.44	
557	177496.80	94724.25	15.12	0.96	
558	126124.05	94643.85	15.49	1.80	
559	142494.75	94702.95	16.04	1.10	
560	122908.35	94711.65	16.07	1.69	
561	178494.00	94984.80	16.17	1.68	
562	133830.16	94840.35	16.69	1.25	
563	136964.95	94934.10	16.25	1.43	
564	170677.34	95081.85	15.97	1.82	
565	144308.55	95001.90	14.38	1.75	
566	124087.50	94951.35	14.93	1.70	
567	160402.05	95097.30	15.12	1.39	
568	134844.50	95099.40	13.35	1.05	
569	121225.80	95035.20	13.58	1.88	
570	157993.80	95194.95	16.19	1.31	
571	127142.55	95107.95	15.93	1.96	
572	174932.95	95316.45	15.39	2.22	
573	151953.75	95342.25	15.96	1.95	
574	148897.34	95352.75	16.60	1.32	
575	179335.80	95487.00	16.22	1.58	
576	137342.84	95489.40	15.62	2.14	
577	153585.00	95600.70	16.05	1.92	
578	174441.59	95742.30	15.92	1.84	
579	159589.66	95702.55	15.67	0.95	
580	159062.55	95726.55	15.92	1.17	
581	137101.66	95829.15	15.65	1.81	
582	148505.84	95863.50	14.02	1.44	
583	126686.55	95847.00	15.84	1.66	
584	146692.66	95925.75	15.55	1.75	
585	133419.45	95959.50	16.07	0.85	
586	137938.80	95985.00	16.41	1.57	
587	157127.55	96191.85	16.36	1.15	
588	124417.50	96097.50	16.27	1.70	
589	129833.40	96166.35	16.28	1.03	
590	150527.09	96294.90	15.63	2.12	
591	148592.84	96468.90	15.74	1.49	
592	134487.45	96445.35	16.00	1.44	
593	176836.50	96636.70	15.30	1.02	
594	157141.80	96632.55	14.54	1.74	
595	151022.25	96717.30	13.49	2.05	
596	178925.84	96801.75	13.05	1.13	
597	171288.75	96834.00	15.90	0.99	
598	145987.66	96773.85	16.72	1.21	
599	153595.05	96798.00	16.33	1.55	
600	137470.05	96791.55	16.28	1.60	

SECTION 8 cont.

601	149301.75	96852.60	15.65	2.16		
602	140303.25	96848.25	15.48	1.84		
603	168976.20	97020.45	15.48	1.87		
604	164111.70	97061.40	15.40	1.05		
605	173645.09	97110.75	15.64	1.46		
606	132874.20	97103.55	16.94	1.01		
607	130365.90	97109.80	15.13	1.31		
608	134283.16	97175.35	15.96	1.01		
609	144078.35	97240.25	15.79	1.61		
610	133139.30	97332.30	16.37	1.05		
611	180493.25	97413.60	16.17	1.36		
612	142496.84	97341.30	15.29	1.61		
613	121742.70	97369.95	15.93	1.98		
614	133770.30	97418.10	15.16	1.44		
615	123037.50	97445.55	16.31	0.88		
616	148510.64	97393.30	15.69	1.58		
617	127377.25	97375.45	14.97	0.58		
618	141419.84	97443.25	16.12	1.76		
619	133548.09	97700.70	15.92	1.08		
620	130542.84	97803.60	16.06	1.73		
621	137874.84	97872.15	16.73	1.19		
622	178431.09	97929.95	15.10	0.88		
623	169834.66	97927.80	15.44	1.74		
624	120938.55	97950.30	16.35	1.48		
625	131394.16	97985.70	16.19	1.33		
626	180359.55	98311.20	16.95	0.97		
627	170739.91	98319.15	15.37	1.09		
628	149287.75	98346.90	16.30	1.58		
629	160380.59	98377.35	14.01	0.53		
630	125669.85	98343.40	15.27	1.65		
631	144349.30	98363.65	15.02	1.65		
632	133973.84	98413.25	15.36	1.58		
633	169489.05	98732.95	16.09	1.60		
634	130011.60	98633.95	15.89	0.92		
635	127143.15	98633.85	16.49	1.47		
636	133231.75	98732.40	15.42	1.64		
637	124508.05	98641.05	14.34	1.18		
638	132958.30	98723.70	14.96	1.79		
639	142380.39	98824.95	14.59	1.90		
640	148494.84	98919.60	15.69	2.10		
641	121017.30	98834.80	16.09	1.74		
642	134603.09	98903.25	16.16	1.08		
643	166149.00	99027.15	15.34	1.99		
644	148727.35	99011.10	17.35	0.97		
645	160188.39	99112.25	15.76	1.13		
646	133931.30	99120.60	15.43	1.93		
647	139212.84	99220.50	15.29	0.84		
648	176080.95	99296.40	15.38	2.09		
649	138374.00	99289.50	16.40	1.27		
650	141497.35	99450.45	16.68	1.09		
651	146193.00	99508.20	16.88	1.02		
652	143508.00	99501.00	15.73	2.15		
653	178637.70	99633.60	16.17	0.87		
654	130487.35	99502.65	16.53	1.14		
655	132283.80	99314.95	12.95	0.43		
656	131609.50	99577.05	15.29	1.08		
657	124634.25	99691.50	14.60	1.43		
658	133241.66	99786.45	15.72	1.72		
659	123204.00	99827.10	15.50	1.16		
660	140976.09	100008.00	14.65	1.73		
661	137033.80	100039.30	15.93	1.27		
662	137870.64	100061.70	12.81	0.45		
663	122137.80	100135.45	15.64	1.66		
664	132220.05	100335.00	15.66	1.64		
665	134611.25	100507.65	16.31	0.86		
666	121017.00	100433.10	15.64	1.64		
667	142236.95	100377.25	16.61	1.13		
668	149433.59	100673.85	15.42	1.25		
669	122324.40	100705.35	14.69	1.72		
670	128308.90	100817.40	15.24	1.30		
671	121290.75	100864.95	15.53	1.84		
672	129381.70	100980.45	15.26	1.77		
673	137844.70	101205.45	16.48	1.06		
674	134043.64	101167.50	16.14	1.38		
675	177010.95	101622.90	14.77	1.91		

676	121586.25	101497.35	13.89	1.36		
677	152493.75	101673.15	15.47	2.00		
678	170093.25	101774.25	16.08	1.84		
679	135207.16	101718.00	14.41	1.45		
680	129272.14	101784.60	16.50	1.26		
681	137233.34	101785.65	15.29	0.99		
682	168066.45	101936.95	16.11	1.79		
683	153151.80	101957.40	16.35	1.01		
684	128740.95	101960.40	16.52	1.07		
685	147139.80	102083.25	15.80	1.68		
686	172469.70	102186.00	15.87	1.04		
687	125331.75	102044.10	16.58	1.34		
688	153410.50	102166.50	16.45	1.31		
689	167883.45	102211.20	16.21	1.35		
690	155194.05	102176.55	15.95	1.87		
691	124830.45	102171.75	16.96	1.01		
692	178035.91	102436.95	16.39	1.10		
693	171895.50	102469.05	15.75	1.24		
694	128554.65	102377.85	16.47	1.32		
695	133227.30	102446.70	14.41	1.81		
696	148227.59	102512.85	15.25	1.65		
697	125686.95	102573.15	16.38	0.46		
698	124567.35	102592.50	14.48	2.15		
699	172975.80	102797.40	16.10	1.42		
700	150904.80	102737.95	13.39	0.58		
701	123473.65	102927.15	16.49	1.30		
702	168730.80	103230.30	15.25	1.90		
703	179697.75	103299.45	15.95	0.71		
704	123712.80	103186.50	15.51	1.67		
705	176029.25	103372.35	16.04	1.08		
706	146126.70	103269.15	16.31	1.57		
707	134223.16	103273.20	14.34	2.09		
708	125150.85	103394.40	16.24	1.26		
709	148386.16	103568.70	15.13	1.71		
710	135214.30	103607.85	14.06	0.53		
711	149038.20	103605.45	13.62	0.75		
712	165292.95	103689.90	15.90	1.10		
713	127191.85	103680.15	15.95	1.90		
714	133119.30	103720.65	15.74	1.43		
715	131017.65	103730.85	16.31	1.31		
716	135587.50	103865.25	16.68	1.15		
717	144408.25	103845.90	16.05	1.07		
718	161340.35	103974.00	15.93	1.76		
719	166930.20	103972.35	16.11	1.41		
720	169860.30	104027.70	14.81	0.82		
721	176741.25	104071.65	12.60	1.09		
722	172897.66	104252.35	15.69	1.47		
723	127275.30	104135.35	16.41	1.40		
724	134676.25	104385.15	16.72	1.20		
725	153066.75	104480.85	14.78	0.85		
726	170834.09	104586.00	15.20	1.81		
727	127143.00	104501.35	16.01	0.97		
728	143734.34	104639.25	15.51	1.67		
729	172964.35	104800.05	15.44	2.18		
730	175162.66	104876.85	16.28	1.19		
731	129709.05	104815.35	15.36	0.88		
732	122276.10	104880.60	15.17	1.60		
733	141925.50	104979.45	13.08	0.84		
734	130178.25	105131.25	15.52	1.99		
735	177806.25	105334.00	12.82	0.87		
736	138837.09	105299.55	16.19	1.27		
737	127081.35	105229.10	15.93	1.69		
738	132700.80	105383.10	16.62	0.99		
739	134337.84	105423.90	16.26	1.72		
740	133786.50	105393.70	16.18	1.35		
741	149799.16	105679.80	16.47	0.99		
742	138023.55	105736.95	14.92	1.77		
743	127613.20	105727.50	13.85	1.12		
744	140034.39	105804.00	14.84	1.93		
745	168269.25	106030.80	14.96	1.34		
746	144004.66	106043.65	16.26	1.71		
747	158614.20	106102.35	14.94	1.67		
748	178702.95	106236.15	13.83	1.49		
749	178906.30	106247.10	16.93	0.94		
750	132097.66	106188.90	10.44	0.64		

751	131097.84	106217.55	15.96	1.55		
752	137184.59	106200.60	15.99	1.83		
753	123792.00	106190.25	14.99	1.85		
754	143377.20	106275.45	15.78	1.86		
755	149206.34	106372.95	16.24	1.40		
756	163058.25	106435.20	16.42	0.91		
757	140273.25	106397.40	16.20	1.04		
758	123095.85	106422.45	15.06	1.91		
759	132845.80	106527.90	16.49	1.49		
760	139727.84	106524.45	16.30	1.21		
761	132271.75	106682.25	15.30	1.78		
762	138751.75	106696.95	16.90	1.05		
763	126235.00	106737.00	16.30	1.01		
764	174994.20	106921.65	17.00	0.92		
765	138338.05	106927.50	15.81	1.90		
766	123334.40	106823.50	17.75	0.21		
767	149201.09	106993.35	15.37	1.62		
768	122598.60	106928.85	16.34	0.95		
769	144427.20	106993.65	16.11	1.04		
770	131960.55	106996.80	15.20	1.63		
771	147927.16	107098.90	15.30	1.67		
772	148488.70	107128.80	15.87	0.96		
773	160785.91	107207.10	16.46	1.02		
774	132757.16	107196.00	16.15	1.18		
775	140908.34	107295.20	15.48	1.57		
776	150394.59	107485.95	15.73	1.92		
777	134788.16	107503.95	15.62	2.09		
778	129174.20	107643.60	16.00	1.34		
779	143603.41	107691.45	16.43	1.35		
780	134278.95	107758.50	15.68	1.19		
781	145094.41	107878.20	15.92	1.07		
782	148604.41	107980.05	15.39	1.07		
783	127641.60	108058.20	14.68	1.70		
784	155301.91	108191.10	16.05	0.99		
785	154520.70	108255.90	15.87	0.90		
786	178317.45	108547.20	14.13	0.44		
787	125737.35	108391.50	16.38	1.59		
788	146052.09	108541.80	15.91	1.63		
789	164582.55	108665.40	16.86	1.13		
790	127381.15	108806.70	14.92	1.69		
791	152181.75	108919.20	14.43	0.78		
792	147193.80	108906.75	16.08	1.12		
793	149616.45	108958.65	16.04	1.46		
794	136733.70	109111.35	16.18	1.25		
795	161149.20	109328.70	16.60	1.06		
796	124073.10	109306.05	14.07	0.84		
797	145513.05	109422.75	16.33	1.38		
798	138061.50	109415.40	16.00	1.59		
799	178617.16	109643.70	15.31	1.84		
800	121599.90	109508.85	14.96	1.75		
801	156747.45	109640.85	15.31	1.68		
802	140365.80	109633.20	15.09	0.85		
803	170380.95	109880.85	16.20	1.67		
804	135214.50	109829.25	14.66	2.08		
805	149708.09	109890.30	14.54	1.79		
806	145447.05	109884.75	14.14	0.63		
807	129317.80	109846.75	15.24	2.03		
808	120779.55	109892.40	15.49	1.78		
809	123033.30	109914.60	14.73	1.76		
810	132021.16	110008.20	15.28	1.79		
811	132734.05	110149.50	16.26	1.22		
812	176994.00	110223.30	16.40	1.21		
813	125604.00	110142.75	15.39	1.43		
814	137797.50	110192.10	13.18	0.39		
815	152152.50	110301.45	14.69	1.14		
816	172089.75	110538.60	16.32	1.18		
817	128500.05	110409.15	15.68	1.72		
818	168248.55	110602.35	15.57	1.06		
819	160952.41	110680.95	15.89	1.76		
820	174368.55	110770.95	15.46	1.72		
821	163227.00	110761.95	15.21	1.63		
822	149811.75	110812.05	13.71	0.61		
823	160305.00	110988.85	16.23	1.49		
824	170847.00	110923.65	16.43	1.17		
825	173878.20	110946.15	16.91	1.05		

826	130317.09	110885.10	14.59	1.93		
827	137686.20	110920.20	16.51	1.29		
828	133361.84	111094.65	15.92	1.55		
829	132888.91	111133.80	15.88	1.99		
830	140351.70	111256.65	16.42	1.39		
831	144225.75	111207.15	14.81	1.62		
832	134153.50	111266.10	15.97	1.84		
833	162082.80	111321.45	16.22	1.41		
834	138619.80	111263.40	16.18	1.49		
835	134687.70	111348.45	14.93	1.78		
836	121455.45	111375.45	15.35	1.27		
837	148586.55	111505.95	15.64	1.86		
838	150492.59	111540.30	15.39	1.79		
839	163693.05	111682.65	15.47	2.02		
840	139028.55	111684.15	15.39	1.87		
841	129283.65	111668.40	16.11	1.72		
842	149406.45	111973.20	14.74	1.90		
843	163997.41	112098.00	15.60	1.04		
844	175857.30	112174.50	14.93	1.02		
845	143232.91	112231.65	16.15	1.63		
846	149005.80	112385.70	14.74	1.78		
847	162371.25	112457.40	13.83	0.62		
848	178005.30	112496.40	15.43	1.83		
849	131998.50	112408.80	16.00	0.99		
850	129122.70	112518.00	16.72	1.26		
851	127430.25	112558.20	14.92	2.03		
852	145946.20	112699.50	16.49	1.07		
853	137377.20	112741.95	15.22	1.29		
854	133738.20	112909.80	15.68	1.10		
855	179838.45	113115.30	15.73	1.43		
856	144101.09	113277.00	14.34	0.92		
857	161305.95	113405.10	15.38	2.15		
858	123832.50	113307.75	14.91	1.83		
859	143080.20	113464.45	16.12	0.98		
860	124038.60	113479.05	15.01	1.51		
861	133150.05	113553.75	14.80	0.75		
862	121410.45	113629.65	15.62	0.94		
863	133657.66	113703.00	14.87	1.91		
864	123110.50	113777.40	16.29	0.97		
865	150435.55	113873.80	16.48	1.00		
866	145301.55	113889.90	12.39	0.73		
867	179748.30	113985.30	16.19	1.71		
868	136180.50	113913.60	16.68	1.07		
869	149888.09	114023.50	14.42	1.86		
870	177587.09	114139.20	15.98	1.10	v87	
871	138559.80	114128.85	15.17	1.58		
872	151906.66	114257.25	16.07	1.89		
873	140715.45	114257.70	16.08	1.55		
874	148908.00	114320.25	16.27	1.61		
875	141357.00	114346.65	15.11	1.91		
876	136673.75	114467.85	16.00	1.12		
877	142484.09	114517.95	15.19	0.77		
878	121660.95	114592.65	15.35	1.00		
879	176030.25	114882.15	16.18	1.65		
880	130027.20	114798.15	15.10	1.84		
881	134885.05	114899.25	15.45	0.92		
882	148758.59	114961.50	14.73	1.18		
883	134784.00	115030.80	15.40	1.78		
884	173432.30	115258.05	15.93	0.90		
885	160840.34	115428.30	15.89	1.43		
886	135678.34	115448.55	16.18	1.74		
887	135811.34	115477.65	15.99	1.04		
888	153973.05	115646.55	16.20	1.73		
889	144819.75	115649.05	15.12	2.21		
890	170359.50	115777.05	13.00	1.31		
891	171010.05	115827.00	15.48	1.07		
892	141993.75	115773.00	15.84	1.60		
893	156816.75	115852.05	14.93	1.64		
894	141407.09	115849.20	14.66	1.11		
895	178461.16	115997.70	15.27	1.07		
896	124817.25	115836.15	14.54	1.87		
897	140360.09	116070.75	15.93	1.80		
898	173698.80	116296.20	15.36	1.52		
899	142211.84	116192.70	16.38	1.61		
900	122310.75	116137.50	16.14	1.62		

SECTION 8 cont.

901	141799.66	116239.30	16.14	1.19
902	178251.00	116444.70	15.20	1.92
903	131990.20	116383.20	16.26	1.03
904	134148.30	116638.00	16.74	0.83
905	131746.20	116755.80	15.11	2.19
906	132817.05	116775.45	16.62	1.00
907	135641.34	116955.75	14.45	1.25
908	170260.05	116983.95	15.77	2.14
909	150199.20	117061.35	15.80	1.31
910	133362.30	117025.35	15.49	1.82
911	128391.75	117027.75	17.32	0.50
912	137568.00	117283.20	15.37	1.64
913	161316.00	117430.95	15.34	1.79
914	134432.80	117475.65	16.78	1.06
915	144909.59	117438.75	16.19	1.61
916	134107.34	117438.25	12.82	0.20
917	125864.25	117447.30	13.62	2.13
918	124250.25	117436.00	16.60	0.91
919	160330.91	117743.10	15.89	1.95
920	166967.70	117810.75	16.13	1.66
921	125332.00	117719.85	16.28	1.64
922	132250.66	117908.70	15.74	1.46
923	171600.45	118180.20	16.04	1.74
924	172812.91	118205.55	16.43	1.23
925	129132.45	118099.20	13.17	0.94
926	133580.05	118160.55	15.74	1.09
927	142761.45	118206.45	15.48	2.16
928	128709.15	118273.50	16.34	1.47
929	172058.09	118442.10	15.13	0.97
930	128019.15	118317.00	15.78	1.55
931	163838.95	118468.20	15.89	1.24
932	161760.59	118570.80	16.26	1.36
933	133259.70	118521.30	14.68	1.07
934	158190.91	118692.15	15.01	0.96
935	151578.59	118741.30	15.98	1.75
936	122814.45	118723.50	14.18	1.07
937	130364.95	119032.50	16.18	1.80
938	129688.20	119150.10	15.08	1.90
939	122501.40	119190.15	16.26	1.26
940	137130.30	119306.40	16.74	1.20
941	167430.09	119401.35	14.63	2.12
942	136377.59	119407.65	16.37	1.36
943	166023.00	119882.40	16.94	1.06
944	135452.25	119798.55	14.42	1.85
945	127408.95	119803.80	15.58	1.79
946	123931.95	119809.35	16.06	1.62
947	172164.30	119946.45	15.28	1.64
948	149334.91	119986.65	13.49	1.12
949	172726.80	120061.95	16.17	1.13
950	132008.41	119935.05	16.36	1.33
951	145261.95	120012.45	13.94	1.06
952	137173.00	120102.60	13.94	1.98
953	125231.30	120035.30	15.11	0.99
954	132280.45	120154.30	14.63	2.00
955	128473.80	120105.60	16.02	1.26
956	135211.30	120323.85	15.54	1.00
957	133284.09	120370.20	15.71	1.86
958	127431.45	120390.75	16.91	1.01
959	169348.35	120427.75	16.82	1.18
960	131556.45	120537.75	15.83	1.91
961	142246.20	120589.15	13.60	0.45
962	141577.80	120582.45	14.31	0.95
963	142993.66	120658.95	14.79	1.18
964	146496.30	120691.65	14.69	0.75
965	134014.34	120756.00	15.60	1.98

SECTION 9

1	121109.25	120839.25	16.06	1.03
2	126760.35	120898.35	16.14	1.15
3	148358.05	121047.15	16.35	1.62
4	136401.45	121015.05	16.08	1.51
5	136725.91	121086.90	15.57	1.72
6	132384.59	121330.80	16.06	1.89
7	133189.95	121389.15	15.06	1.76
8	124901.69	121423.80	15.25	0.95
9	172083.16	121586.40	15.43	1.09
10	130722.75	121470.75	15.30	1.81
11	172342.80	121693.50	17.44	0.44
12	166386.09	121837.95	16.08	1.83
13	144157.45	121911.90	15.68	1.69
14	141836.41	121933.20	16.54	1.35
15	137593.95	122012.40	14.18	0.93
16	134513.45	122137.65	16.43	1.29
17	177730.05	122381.25	16.15	1.46
18	139212.55	122432.40	15.85	1.18
19	143138.41	122598.50	16.07	0.95
20	160708.80	122615.10	16.10	1.61
21	133461.75	123129.30	14.67	0.81
22	127521.90	123138.90	14.13	0.95
23	137318.91	123247.20	14.76	1.46
24	126094.20	123164.70	16.42	1.38
25	139363.05	123279.85	17.65	0.32
26	136717.66	123493.75	15.73	1.13
27	161201.09	123541.80	17.08	0.88
28	138932.66	123514.05	14.70	1.44
29	178339.00	123637.80	16.71	1.26
30	145028.84	123613.00	16.60	1.41
31	147224.29	123715.65	16.05	1.35
32	144637.91	123749.10	16.62	1.16
33	141992.84	123758.55	16.81	0.53
34	163826.95	123848.55	14.25	1.80
35	134655.75	123849.75	16.13	1.73
36	129368.84	123868.65	15.87	2.01
37	136023.39	123880.80	14.65	1.97
38	174059.84	124122.90	15.79	1.11
39	148950.75	124140.75	16.15	1.82
40	176880.91	124350.90	15.80	1.89
41	139621.00	124470.90	14.84	0.89
42	127787.70	124391.85	13.61	0.24
43	141516.45	124523.70	15.30	1.87
44	137253.75	124390.15	15.43	1.30
45	132370.20	124723.80	14.73	2.13
46	135292.75	124883.40	16.18	1.32
47	134415.91	124940.40	15.54	2.06
48	168406.95	125106.60	15.19	1.92
49	144445.20	125102.55	16.43	1.16
50	163197.30	125206.65	14.35	0.62
51	129790.50	125151.60	16.47	1.31
52	129344.45	125175.15	14.48	0.79
53	135494.95	125276.70	14.83	1.83
54	138677.84	125335.35	14.97	1.81
55	139111.05	125453.85	14.98	1.36
56	135025.50	125447.10	16.93	1.10
57	137249.16	125581.80	13.30	0.30
58	149977.95	125934.30	13.30	1.16
59	128424.75	125915.95	15.33	1.79
60	135076.00	125641.65	15.95	1.10
61	173508.00	125698.80	15.47	0.83
62	142231.09	125606.85	15.72	1.45
63	147410.70	125690.55	16.71	0.48
64	133074.00	125648.25	16.69	1.24
65	143728.30	125719.95	14.36	1.18
66	133652.09	125704.65	16.61	1.22
67	170771.84	125946.40	15.37	1.83
68	137072.84	125901.00	16.22	1.06
69	135602.41	126037.05	15.37	1.90
70	148269.75	126089.25	17.01	0.96
71	176073.25	126242.70	16.06	1.78
72	166023.16	126417.60	15.93	1.68
73	176174.41	126309.70	15.38	0.98
74	130339.35	126371.40	16.37	1.01
75	138444.45	126402.15	15.49	0.87
76	131463.95	126876.45	14.28	1.41
77	123259.20	126829.35	15.34	1.69
78	144041.55	127014.15	16.32	0.72
79	167555.41	127092.45	16.62	1.00
80	141079.34	127040.25	16.09	0.96
81	145511.41	127234.05	15.77	1.85
82	174548.55	127339.05	14.95	1.96
83	134680.80	127319.10	16.13	1.55
84	130933.65	127309.80	16.28	1.04
85	122794.50	127388.70	17.14	0.79
86	172572.45	127398.70	16.43	1.34
87	158954.55	127752.30	17.40	0.36
88	141226.80	128078.25	15.08	1.96
89	145339.80	128114.10	15.63	1.14
90	164831.41	128232.30	15.31	2.04
91	162829.50	128230.15	15.20	1.78
92	164071.20	128263.80	16.84	1.04
93	134334.09	128341.50	14.97	1.01
94	131393.16	128487.15	17.26	0.68
95	164397.16	128684.40	14.93	1.86
96	122053.05	128645.40	15.36	2.19
97	177592.80	128849.40	15.06	1.31
98	136725.45	128872.80	13.75	1.46
99	126521.40	128992.20	15.62	2.11
100	136249.05	129136.05	13.97	1.13
101	126806.40	129248.40	13.45	1.80
102	132729.25	129480.75	13.44	1.87
103	125031.45	129580.05	14.83	1.32
104	146980.34	129718.80	16.03	1.30
105	154188.30	129757.50	14.82	1.78
106	130369.55	129730.75	15.66	1.06
107	126488.85	129804.90	16.18	1.31
108	157381.05	129944.85	16.77	1.16
109	131307.66	130004.25	14.48	1.42
110	129858.30	129970.65	13.99	1.08
111	179048.41	130132.80	16.00	1.31
112	128076.60	130066.20	15.34	1.47
113	133918.20	130089.30	17.10	0.86
114	123899.85	130125.60	15.28	1.92
115	139325.20	130285.80	15.42	1.69
116	177165.39	130410.30	16.33	1.42
117	153270.75	130488.90	15.33	1.12
118	149950.80	130616.40	11.67	0.53
119	142234.95	130665.00	16.99	0.97
120	131461.05	130718.70	15.89	1.71
121	160442.25	130967.25	16.43	1.23
122	179909.70	131138.25	15.36	0.75
123	138966.16	131103.00	16.20	0.97
124	127086.90	131071.65	14.58	1.66
125	166335.39	131380.80	15.96	1.33
126	126595.05	131558.55	15.67	1.95
127	125246.55	131790.91	13.69	0.49
128	178711.34	132394.66	13.74	1.37
129	140058.79	132274.09	15.57	1.91
130	166607.35	132510.30	13.38	1.37
131	122348.60	132403.05	15.71	1.93
132	178361.35	132607.05	15.28	1.90
133	141104.41	132553.30	12.22	0.14
134	152010.16	132750.91	16.06	1.22
135	128208.90	132705.39	15.30	0.94
136	177380.09	132905.25	14.89	0.66
137	166195.66	132877.50	13.07	0.77
138	124778.55	132817.05	15.46	1.11
139	129167.80	132961.34	15.67	1.02
140	158775.79	133089.16	16.39	1.02
141	164922.30	133130.05	16.64	1.27
142	144278.09	133085.35	16.87	0.98
143	180324.91	133405.65	16.14	1.82
144	150296.84	133321.34	15.89	1.70
145	131317.84	133353.75	15.62	1.78
146	136379.80	133419.16	15.38	0.99
147	140869.20	133445.41	15.37	2.11
148	160819.05	133530.30	16.04	1.76
149	141085.20	133561.20	14.93	1.89
150	173661.84	133664.41	14.66	1.93
151	131682.55	133992.55	15.39	1.13
152	162809.84	133820.09	15.76	1.48
153	127101.00	133713.91	15.89	1.96
154	130026.00	133744.95	15.74	1.16
155	123364.50	133874.84	14.75	0.65
156	122320.50	133867.95	16.14	1.25
157	130881.45	133936.50	15.71	1.57
158	120873.30	134030.09	16.39	1.07
159	156863.25	134209.95	16.97	0.93
160	170506.95	134343.00	14.85	1.54
161	147132.30	134291.55	16.00	1.22
162	144495.41	134353.80	16.78	1.06
163	150424.00	134332.91	16.39	1.55
164	122382.75	134302.05	15.64	1.73
165	136659.00	134523.75	15.96	1.81
166	149708.70	134600.55	16.53	1.23
167	138864.30	134647.30	16.00	1.92
168	156891.00	134767.95	16.72	1.17
169	128582.85	134682.91	16.55	1.21
170	126978.60	134692.80	15.83	1.73
171	179050.66	134844.95	15.08	1.39
172	149076.59	134859.59	16.48	1.30
173	178202.55	135088.05	15.61	2.09
174	145370.05	135195.00	13.72	1.33
175	145704.59	135283.95	15.16	1.78
176	138543.25	135398.41	16.13	1.83
177	126412.95	135353.95	16.86	1.17
178	127003.30	135370.34	16.31	0.79
179	124946.10	135420.59	13.03	1.41
180	170366.09	135662.84	13.79	1.77
181	177659.09	135762.30	16.86	1.14
182	132306.59	135749.09	16.77	1.14
183	176779.05	135912.00	15.15	1.38
184	143855.95	135882.91	14.25	1.23
185	164418.39	136034.80	13.04	1.36
186	160201.95	136176.75	13.97	1.32
187	137908.00	136170.59	13.14	1.84
188	178600.50	136255.80	14.33	0.78
189	143739.91	136172.09	14.82	1.46
190	142324.95	136212.75	13.81	1.34
191	149351.80	136232.34	14.97	0.84
192	146384.84	136261.66	15.62	1.87
193	174479.09	136402.95	16.37	1.16
194	141243.16	136333.95	15.69	2.19
195	173938.09	136327.30	13.80	1.93
196	135616.34	136731.16	14.23	1.33
197	146862.16	136794.91	13.94	1.74
198	147976.93	136826.70	13.25	1.62
199	149682.00	136910.84	13.97	1.65
200	148163.20	137147.09	15.86	1.34
201	140112.75	137206.66	15.47	1.68
202	135053.34	137278.66	16.32	1.07
203	171912.16	137395.80	14.35	1.64
204	157285.80	137379.91	15.12	1.63
205	136473.16	137319.91	16.11	1.23
206	148936.45	137702.55	15.72	2.18
207	163707.35	137717.41	15.35	1.16
208	131976.16	137727.00	15.67	1.76
209	128090.10	137748.00	15.75	1.88
210	179009.34	137870.70	14.90	1.78
211	132280.80	138000.00	13.27	1.97
212	137789.09	137986.66	13.77	0.93
213	173811.09	138114.30	15.34	1.91
214	148767.55	138222.30	16.32	1.00
215	124302.85	138161.84	13.72	1.00
216	140341.50	138297.30	16.63	1.23
217	138817.66	138340.66	14.01	0.32
218	143437.20	138462.16	15.70	1.85
219	136479.09	138613.80	16.11	1.61
220	171414.75	138673.95	15.46	1.55
221	160332.25	138709.80	15.47	1.65
222	159944.41	138857.70	15.37	2.12
223	142485.75	138817.66	15.94	0.95
224	178646.41	139058.09	15.86	1.48
225	178824.59	139057.66	14.97	1.38
226	143222.09	139101.91	15.82	2.03
227	141614.84	139102.66	16.39	1.34
228	172536.91	139230.59	16.57	0.80
229	133943.41	139476.16	16.41	1.31
230	128638.65	139515.16	15.67	2.18
231	143709.45	139712.25	16.67	0.93
232	143961.59	139713.59	15.25	2.13
233	134251.20	139742.41	14.61	0.82
234	174168.30	140057.84	16.96	0.92
235	130614.84	140077.66	16.30	0.93
236	126381.90	140021.84	15.09	0.97
237	134421.45	140248.66	15.40	1.82
238	138006.25	140467.95	14.68	1.71
239	139963.66	140592.75	16.12	1.69
240	135532.75	140697.30	15.63	0.96
241	134920.05	140749.34	16.09	1.10
242	169245.75	140984.55	14.67	1.97
243	134412.00	140961.16	15.93	1.74
244	167226.59	141082.05	16.36	1.03
245	146360.95	141031.34	15.90	1.55
246	134115.41	141209.25	15.00	0.70
247	136947.55	141235.66	14.75	0.66
248	166763.09	141343.50	15.45	0.88
249	174613.30	141523.20	15.33	1.15
250	141931.45	141426.59	14.72	1.89
251	158806.80	141495.45	16.05	1.03
252	140215.34	141607.66	15.23	1.13
253	178171.66	141738.59	15.47	0.73
254	147610.30	141992.55	16.39	1.15
255	174631.80	142122.00	13.91	1.20
256	134420.25	142049.25	15.95	1.17
257	176997.91	142288.34	15.07	1.70
258	139831.00	142310.70	16.48	1.52
259	142966.34	142361.25	16.67	0.69
260	133865.70	142365.73	12.94	0.12
261	165056.41	142479.30	15.91	2.04
262	137718.59	142442.09	15.90	1.92
263	130564.35	142692.45	15.11	1.89
264	125853.60	142794.45	15.84	1.06
265	134370.91	142856.09	15.04	1.80
266	120991.80	142816.50	16.44	1.54
267	133272.70	142954.80	15.57	1.80
268	179929.20	143276.55	16.29	1.36
269	180451.95	143281.34	15.85	1.55
270	138526.66	143206.05	16.40	1.09
271	134939.70	143498.20	15.70	1.69
272	156736.66	143787.45	15.62	0.95
273	129124.80	143827.95	16.74	1.22
274	131996.50	143929.05	15.04	0.90
275	169254.00	143989.50	15.79	1.12
276	149648.55	143941.20	15.38	1.18
277	136221.00	143963.25	15.64	1.66
278	159129.00	144077.84	15.55	1.71
279	144880.50	144178.80	14.93	1.79
280	120685.50	144110.55	15.84	1.85
281	178498.66	144329.09	15.09	2.05
282	179359.20	144484.55	16.69	1.01
283	130602.75	144574.05	14.63	0.85
284	137176.50	144640.80	14.46	1.77
285	130018.80	144705.30	16.83	1.07
286	168715.66	144896.09	15.53	1.80
287	140068.95	144937.34	15.23	0.99
288	163695.75	145084.66	15.00	0.74
289	141655.66	145339.34	15.85	1.79
290	128100.60	145405.20	14.69	0.79
291	178311.91	145605.00	15.22	0.73
292	131410.66	145469.84	14.44	1.88
293	135151.66	145512.16	15.80	1.09
294	140940.91	145660.80	16.45	1.55
295	130235.05	145776.45	16.04	1.47
296	143541.00	145800.59	16.65	1.13
297	145276.20	146154.91	16.38	1.19
298	127413.60	146201.55	16.49	1.10
299	149871.16	146274.30	14.41	1.92
300	134096.80	146304.91	16.92	0.98

SECTION 9 cont.

301	170996.09	146340.09	15.83	1.98
302	130216.65	146443.50	16.84	0.93
303	130295.55	146830.59	16.36	1.02
304	138371.50	146951.84	16.35	1.25
305	153995.70	147054.59	14.70	1.69
306	157058.55	147263.50	17.32	0.66
307	153710.05	147291.00	13.18	0.73
308	139060.66	147274.95	16.26	1.67
309	140506.95	147331.34	16.70	1.10
310	146038.05	147695.25	15.50	1.83
311	159977.25	147755.25	14.60	2.07
312	143872.80	147886.95	15.88	1.72
313	123421.05	147928.80	16.44	0.97
314	170308.95	148331.09	16.43	1.32
315	154275.91	148344.30	15.34	2.09
316	141479.55	148420.05	13.89	0.77
317	177047.25	148609.20	15.49	1.06
318	174641.84	148674.45	16.36	1.21
319	124644.30	148801.95	16.21	1.73
320	126129.15	149146.20	14.86	0.90
321	142384.80	149359.95	16.60	1.24
322	137212.80	149617.05	15.76	1.42
323	138177.91	149884.05	14.93	2.12
324	179385.30	150132.91	15.33	0.81
325	176048.70	150283.05	13.38	1.67
326	144209.84	150263.55	15.44	1.12
327	153433.16	150466.05	14.82	1.11
328	169646.70	150633.75	13.87	0.55
329	175740.45	150891.16	15.38	1.69
330	132294.00	150770.84	15.84	1.25
331	168627.91	151053.75	13.15	0.50
332	157437.39	151100.05	14.25	1.45
333	133132.20	151093.16	16.01	1.93
334	176228.09	151368.20	15.80	1.79
335	124400.10	151436.45	14.41	0.81
336	148160.25	151533.84	16.71	1.04
337	178779.30	151644.84	14.73	0.55
338	146970.00	151676.20	15.48	2.00
339	158364.75	151721.34	16.14	1.73
340	157640.84	151802.05	13.46	0.73
341	149925.25	151844.80	15.81	2.08
342	169321.50	151879.75	15.49	1.13
343	167961.00	152368.55	15.63	1.96
344	132227.25	152512.75	14.66	0.93
345	163572.09	152631.09	16.54	1.22
346	166158.45	152643.70	16.75	1.18
347	148000.05	152644.59	14.40	1.62
348	127460.70	152759.66	16.27	1.30
349	163937.84	152984.66	15.03	1.74
350	168934.50	153006.84	15.32	0.87
351	166392.91	153034.84	16.28	1.02
352	148586.55	153122.95	16.21	0.93
353	124805.25	153046.75	16.17	1.03
354	126270.45	153109.91	16.60	0.95
355	142352.55	153185.80	14.79	1.59
356	138352.66	153330.66	16.54	1.19
357	132928.34	153303.80	14.30	0.63
358	135620.20	153737.80	15.94	1.01
359	151246.66	153789.25	16.73	1.16
360	179316.91	154027.75	13.06	1.56
361	154692.70	154076.05	15.27	2.06
362	151342.16	154515.25	16.70	1.00
363	164423.55	154633.45	15.89	1.82
364	171331.95	155023.59	15.07	1.78
365	128715.00	155055.41	15.65	0.94
366	153649.05	155176.00	15.84	0.90
367	158602.20	155231.80	15.68	1.06
368	142981.34	155287.00	15.54	1.26
369	143629.80	155491.30	16.14	1.09
370	152567.55	155937.41	16.03	1.33
371	138427.95	156006.41	16.09	1.04
372	134410.95	156078.41	15.52	2.15
373	176931.45	156302.20	15.51	0.80
374	144823.59	156289.16	15.86	1.74
375	125030.55	156249.25	16.84	1.14
376	178909.50	156407.05	14.85	2.19
377	151523.70	156424.59	15.09	1.09
378	135003.95	156437.66	16.17	1.79
379	148014.41	156510.55	15.64	1.67
380	160264.20	156917.66	16.83	1.05
381	137065.80	156946.00	15.75	1.39
382	166311.84	157181.95	12.64	0.17
383	174826.34	157238.20	14.92	0.73
384	154737.75	157392.84	15.44	1.18
385	134008.95	157361.80	16.86	1.05
386	146367.70	157401.55	14.45	0.89
387	124153.20	157365.09	15.86	2.02
388	147154.66	157711.00	15.57	2.23
389	139800.00	157993.59	16.52	0.90
390	126602.25	157999.59	13.54	0.39
391	126346.05	158218.75	17.20	0.82
392	123470.85	158378.34	15.49	2.00
393	177458.25	158794.00	15.50	1.08
394	161067.16	158762.80	15.38	1.89
395	142055.41	158791.95	15.79	1.65
396	132159.30	158758.75	16.55	1.40
397	136378.30	158840.50	16.12	1.44
398	137684.05	158898.25	15.85	1.78
399	121040.55	159031.91	14.70	1.06
400	156163.95	159140.05	16.30	1.64
401	176963.55	159239.50	15.75	0.88
402	140048.84	159392.20	15.98	1.83
403	158023.30	159539.05	16.11	1.44
404	174895.34	159626.05	15.42	1.60
405	124119.00	159812.95	13.83	1.78
406	141095.25	159979.59	13.79	1.41
407	143867.25	160445.50	16.29	1.13
408	144605.25	160501.16	16.71	1.10
409	122062.35	160487.80	16.50	1.02
410	174205.20	161149.91	13.24	1.64
411	133546.95	161317.91	12.48	0.11
412	130776.90	161299.00	16.41	1.30
413	137276.66	161439.84	16.81	0.97
414	140437.66	161509.59	13.75	1.16
415	146223.75	161659.91	13.26	1.76
416	178630.50	161806.45	16.07	1.66
417	130041.90	161801.66	16.46	1.15
418	138698.25	161874.09	14.70	0.74
419	141581.25	162029.20	13.57	0.49
420	149396.25	162463.59	16.26	1.40
421	129306.15	162436.25	15.65	2.18
422	161478.45	162643.45	15.36	1.90
423	138426.91	162667.00	13.83	1.62
424	149197.91	162931.75	13.84	0.29
425	130722.45	162832.91	16.49	1.07
426	136684.95	162886.59	14.70	1.34
427	143692.50	162943.16	13.33	0.63
428	153834.66	163022.95	14.69	1.40
429	164240.09	163268.80	13.42	1.18
430	168362.25	163334.45	13.79	1.06
431	143209.16	163632.41	13.37	1.39
432	178366.00	163763.05	17.27	0.78
433	148243.91	163829.05	14.92	0.72
434	122113.60	163828.75	13.78	1.13
435	178124.70	164033.34	14.92	1.90
436	164627.09	164020.45	13.43	1.76
437	143670.41	164101.30	16.86	0.85
438	149747.09	164329.59	14.72	0.65
439	138732.75	164274.70	14.32	0.62
440	168431.84	164883.09	14.36	0.89
441	133918.25	165076.00	13.36	1.73
442	157176.30	165430.70	17.15	0.76
443	123986.25	165481.30	12.93	0.25
444	153512.09	165390.34	16.98	0.89
445	146070.91	165768.25	16.30	1.10
446	149372.05	165926.95	13.92	1.20
447	156982.95	166617.35	13.67	1.92
448	152950.50	166810.39	13.88	1.12
449	129136.75	166929.55	16.09	1.90
450	163479.84	167121.84	12.17	-0.12
451	123439.35	167111.50	13.96	1.66
452	145883.35	167277.35	16.39	1.22
453	136609.66	167309.05	16.31	1.46
454	144491.09	167585.05	14.27	0.80
455	157366.34	167761.91	15.44	1.93
456	138733.34	167975.05	13.62	1.34
457	137476.91	168136.45	16.44	1.02
458	177613.75	168371.66	14.75	0.95
459	168024.45	168525.09	14.99	0.94
460	129365.65	168479.95	13.30	2.02
461	121320.00	168565.45	14.34	0.54
462	132390.30	168720.55	16.80	0.94
463	147331.20	169572.41	14.67	1.39
464	169404.00	169874.66	16.02	1.89
465	148270.66	170197.91	13.73	0.30
466	175186.05	170299.45	16.62	1.24
467	141109.95	170279.80	13.39	1.26
468	162811.66	170379.25	16.00	1.62
469	147892.50	170411.95	16.03	1.49
470	151834.95	170615.05	16.77	0.98
471	174271.20	171086.80	16.27	1.39
472	139992.30	171028.30	13.28	0.98
473	131786.70	171160.30	16.57	1.15
474	136807.45	171286.00	15.40	1.22
475	149098.66	171644.39	16.23	1.12
476	176252.09	171760.39	14.27	1.25
477	125451.25	171617.80	15.16	2.03
478	122813.40	171703.39	15.38	1.03
479	172963.09	172167.41	16.91	0.89
480	154699.20	172177.30	13.97	0.62
481	131689.05	172141.59	16.70	0.68
482	161154.16	173391.70	16.06	1.91
483	121639.75	173348.30	16.06	1.82
484	147838.45	173688.09	16.33	1.34
485	142494.39	173800.45	15.88	1.01
486	171478.80	173900.34	16.00	1.31
487	131673.91	173939.30	15.77	1.65
488	148703.95	174183.70	11.36	0.36
489	149336.35	174184.00	15.46	2.26
490	128743.05	174245.05	16.10	1.60
491	138823.20	174276.09	16.13	1.17
492	178320.30	174730.75	14.24	1.62
493	142975.30	174905.66	16.94	0.89
494	153686.70	175285.00	13.62	0.64
495	122949.30	175423.39	16.69	0.89
496	162795.16	175861.30	15.33	1.39
497	148699.05	175913.80	15.72	2.25
498	148054.95	176017.39	15.39	1.65
499	163886.95	176257.45	15.87	0.87
500	145200.45	176223.84	15.15	2.15
501	146034.70	176427.35	15.05	1.68
502	145390.45	177011.80	15.11	2.33

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March 20, 1986