

RECEIVED

DISTRICT I  
1625 N. FRENCH DR., HOBBS, NM 88240  
Phone: (505) 393-6161 Fax: (505) 393-0720

DISTRICT II  
811 S. FIRST ST., ARTESIA, NM 88210  
Phone: (505) 748-1283 Fax: (505) 748-9720

DISTRICT III  
1000 RIO BRAZOS RD., AZTEC, NM 87410  
Phone: (505) 334-6178 Fax: (505) 334-6170

DISTRICT IV  
1220 S. ST. FRANCIS DR., SANTA FE, NM 87505  
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico  
Energy, Minerals & Natural Resources Department  
**OIL CONSERVATION DIVISION**  
1220 SOUTH ST. FRANCIS DR. EMNRD-00D ARTESIA  
Santa Fe, New Mexico 87505

JAN 14 2020

Form C-102

Revised August 1, 2011

Submit and Forward Appropriate District Office

☒ AMENDED REPORT

As Drilled

WELL LOCATION AND ACREAGE DEDICATION PLAT

|                            |                                      |                                             |
|----------------------------|--------------------------------------|---------------------------------------------|
| API Number<br>30-015-45581 | Pool Code<br>98220                   | Pool Name<br>Wildcat; Purple Sage, Wolfcamp |
| Property Code<br>323072    | Property Name<br>HAMBONE FEDERAL COM | Well Number<br>25H                          |
| OGRID No.<br>229137        | Operator Name<br>COG OPERATING, LLC  | Elevation<br>2894.1'                        |

Surface Location

| UL or lot No. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| N             | 8       | 26-S     | 29-E  |         | 330           | SOUTH            | 2413          | WEST           | EDDY   |

Bottom Hole Location If Different From Surface

| UL or lot No. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| 3             | 5       | 26-S     | 29-E  |         | 70            | NORTH            | 2359          | WEST           | EDDY   |

|                        |                 |                    |           |
|------------------------|-----------------|--------------------|-----------|
| Dedicated Acres<br>640 | Joint or Infill | Consolidation Code | Order No. |
|------------------------|-----------------|--------------------|-----------|

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED  
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

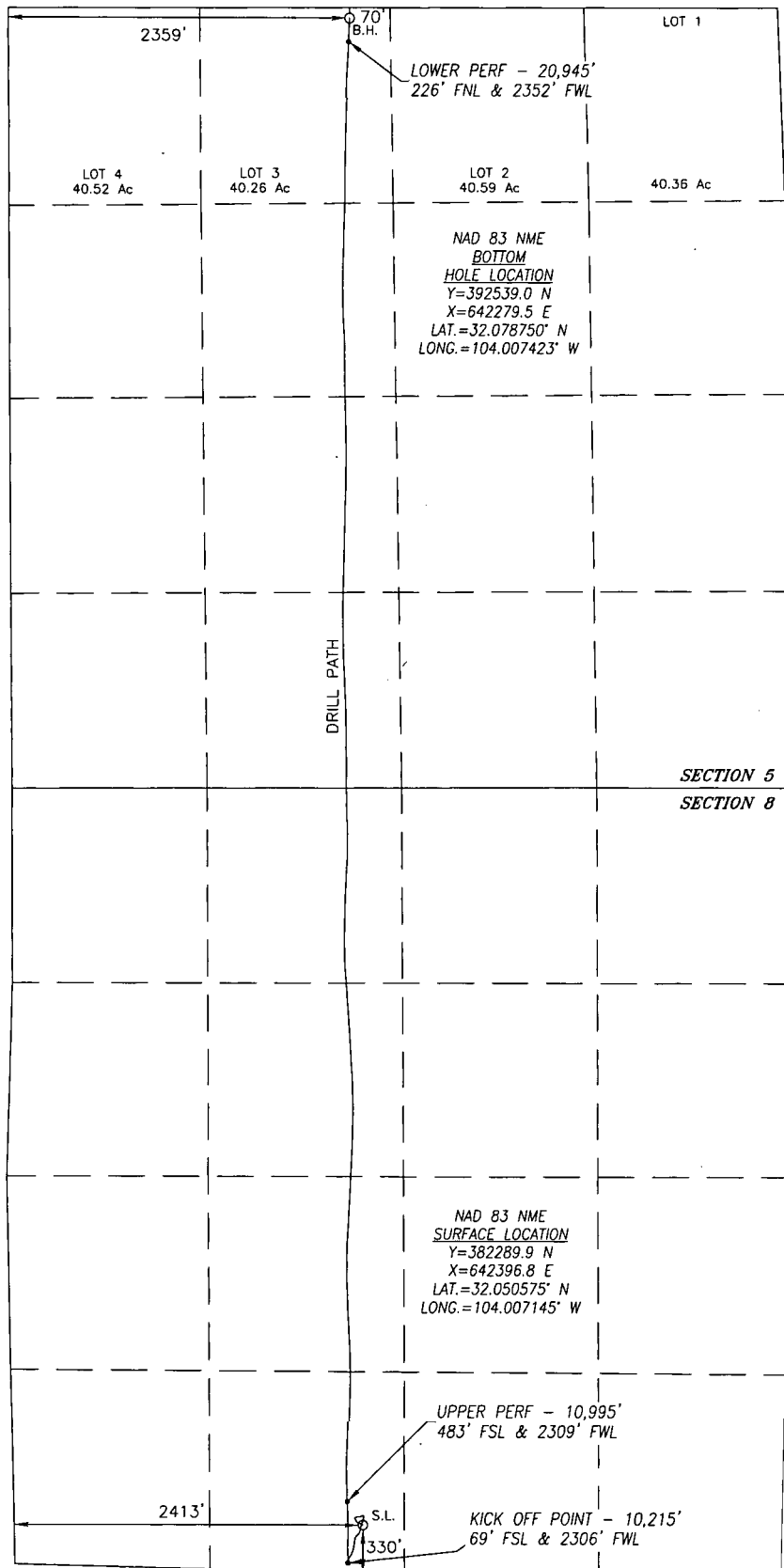
SEE PAGE 2

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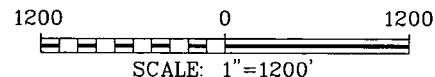
W.O. #19-1558

DRAWN BY: WN

|                         |                                      |                      |
|-------------------------|--------------------------------------|----------------------|
| Property Code<br>323072 | Property Name<br>HAMBONE FEDERAL COM | Well Number<br>25H   |
| OGRID No.<br>229137     | Operator Name<br>COG OPERATING, LLC  | Elevation<br>2894.1' |



BOREPATH SHOWN HEREON IS BASED ON  
DIRECTIONAL SURVEY REPORT PROVIDED BY  
COG OPERATING, LLC FOR THE HAMBONE  
FEDERAL COM #25H SUPPLIED TO HARCROW  
SURVEYING, LLC ON AUGUST 19, 2019



#### OPERATOR CERTIFICATION

I hereby certify that the information  
herein is true and complete to the best of  
my knowledge and belief, and that this  
organization either owns a working interest  
or unleased mineral interest in the land  
including the proposed bottom hole location  
or has a right to drill this well at this  
location pursuant to a contract with an  
owner of such mineral or working interest,  
or to a voluntary pooling agreement or a  
compulsory pooling order heretofore entered  
by the division.

*Amanda Avery* 9/10/19  
Signature Date

Amanda Avery

Printed Name

aaavery@concho.com

E-mail Address

#### SURVEYOR CERTIFICATION

I hereby certify that the well location  
shown on this plat was plotted from field  
notes of actual surveys made by me or  
under my supervision, and that the same is  
true and correct to the best of my belief.

MAR. 8, 2018/JAN. 15, 2019

Date of Survey/Date of Geographic Survey

Signature & Seal of Professional Surveyor



*Chad Harcrow* 9/10/19  
Certificate No. CHAD HARCROW 17777

Intent ☐ As Drilled ☒ X

|                                      |                                       |                    |
|--------------------------------------|---------------------------------------|--------------------|
| API #<br>30-015-45581                |                                       |                    |
| Operator Name:<br>COG OPERATING, LLC | Property Name:<br>HAMBONE FEDERAL COM | Well Number<br>25H |

Kick Off Point (KOP)

|                       |              |                 |              |     |                          |                   |              |                  |                |
|-----------------------|--------------|-----------------|--------------|-----|--------------------------|-------------------|--------------|------------------|----------------|
| UL<br>N               | Section<br>8 | Township<br>26S | Range<br>29E | Lot | Feet<br>69               | From N/S<br>SOUTH | Feet<br>2306 | From E/W<br>WEST | County<br>EDDY |
| Latitude<br>32.049866 |              |                 |              |     | Longitude<br>-104.007474 |                   |              | NAD<br>83        |                |

First Take Point (FTP)

|                       |              |                 |              |     |                          |                   |              |                  |                |
|-----------------------|--------------|-----------------|--------------|-----|--------------------------|-------------------|--------------|------------------|----------------|
| UL<br>N               | Section<br>8 | Township<br>26S | Range<br>29E | Lot | Feet<br>483              | From N/S<br>SOUTH | Feet<br>2309 | From E/W<br>WEST | County<br>EDDY |
| Latitude<br>32.051005 |              |                 |              |     | Longitude<br>-104.007491 |                   |              | NAD<br>83        |                |

Last Take Point (LTP)

|                       |              |                 |              |     |                          |                   |              |                  |                |
|-----------------------|--------------|-----------------|--------------|-----|--------------------------|-------------------|--------------|------------------|----------------|
| UL<br>3               | Section<br>5 | Township<br>26S | Range<br>29E | Lot | Feet<br>226              | From N/S<br>NORTH | Feet<br>2352 | From E/W<br>WEST | County<br>EDDY |
| Latitude<br>32.078322 |              |                 |              |     | Longitude<br>-104.007445 |                   |              | NAD<br>83        |                |

Is this well the defining well for the Horizontal Spacing Unit? ☐ No

Is this well an infill well? ☐ Yes

If infill is yes please provide API if available, Operator Name and well number for Defining well for Horizontal Spacing Unit.

|                                     |                                       |                    |
|-------------------------------------|---------------------------------------|--------------------|
| API #<br>30-015-45664               |                                       |                    |
| Operator Name:<br>COG Operating LLC | Property Name:<br>Hambone Federal Com | Well Number<br>26H |

KZ 06/29/2018



**MWD SURVEY CERTIFICATION**  
**Gordon Technologies, LLC**

State Of New Mexico  
County Of Eddy

I, Stephen de Anda certify that; I am employed by Gordon Technologies, LLC.;  
that I did on the day(s) of April 26, 2019 through June 13, 2019 conduct  
or supervise the taking of a MWD survey from a depth of 10,182 feet to a depth of  
21,011 feet; that the data is true, correct, complete and within the limitations of the  
tool set forth by Gordon Technologies, LLC.; that I am authorized and qualified to make this report;  
that this survey was conducted at the request of COG Operating LLC for the  
Hambone Fed Com 25H Well, A.P.I. No. 30-015-45581 in  
Purple Sage Wolfcamp Field and that I have reviewed this report and find that  
it conforms to the principles and procedures set forth by Gordon Technologies, LLC.

Signature

MWD Coordinator  
Title

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EMNRD-OCD ARTESIA



## Directional Survey Report

|                                              |                                 |                                   |
|----------------------------------------------|---------------------------------|-----------------------------------|
| Company: <b>COG Operating LLC</b>            | Well Surface Location           | Report Date: <b>Jun 12 2019</b>   |
| Well: <b>Hambone Federal Com 25H</b>         | Latitude: <b>32.0504 N</b>      | Time: <b>11:06</b>                |
| County: <b>Eddy</b>                          | Longitude: <b>104.0066 W</b>    | Mag Reference: <b>Grid North</b>  |
| State: <b>New Mexico</b>                     | Reference: <b>NAD 1927</b>      | Mag Correction: <b>6.76</b>       |
| Field: <b>Wildcat / Purple Sage Wolfcamp</b> | Y (Northing): <b>382232.28</b>  | Vert Sect. Azi: <b>359.06</b>     |
| API: <b>30-015-45581</b>                     | X (Easting): <b>601211.49</b>   | Perm Datum: <b>Mean Sea Level</b> |
| Rig: <b>Nabors 894</b>                       | Field Engr: <b>Tyler Fulton</b> | Depth Ref: <b>Rotary Table</b>    |
| Service Co: <b>Gordon Technologies LLC</b>   | <b>Jesus Garcia</b>             | RKB Height: <b>30</b>             |
| Job #: <b>GT190327</b>                       |                                 | GL Elev: <b>2894.10</b>           |
| Survey Calc: <b>Minimum Curvature</b>        |                                 |                                   |

| Survey Tie In | MD      | Inc  | Azimuth | TVD     | VS    | Rectangular Offsets |        | Course Length | DLS  | Temp | Closure  |         | Source |
|---------------|---------|------|---------|---------|-------|---------------------|--------|---------------|------|------|----------|---------|--------|
|               |         |      |         |         |       | NS                  | EW     |               |      |      | Distance | Azimuth |        |
| 1             | 100.00  | 0.65 | 331.22  | 100.00  | 0.50  | 0.50                | -0.27  | 100.00        | 0.65 | 0.00 | 0.57     | 331.22  | Gyros  |
| 2             | 125.00  | 0.63 | 332.88  | 125.00  | 0.75  | 0.74                | -0.40  | 25.00         | 0.11 | 0.00 | 0.85     | 331.49  | Gyros  |
| 3             | 150.00  | 0.70 | 328.83  | 149.99  | 1.01  | 1.00                | -0.55  | 25.00         | 0.34 | 0.00 | 1.14     | 331.30  | Gyros  |
| 4             | 175.00  | 0.77 | 321.93  | 174.99  | 1.27  | 1.26                | -0.73  | 25.00         | 0.45 | 0.00 | 1.46     | 329.96  | Gyros  |
| 5             | 200.00  | 0.87 | 327.55  | 199.99  | 1.57  | 1.55                | -0.93  | 25.00         | 0.51 | 0.00 | 1.81     | 328.97  | Gyros  |
| 6             | 225.00  | 1.04 | 321.26  | 224.99  | 1.91  | 1.89                | -1.18  | 25.00         | 0.80 | 0.00 | 2.23     | 328.06  | Gyros  |
| 7             | 250.00  | 0.98 | 328.37  | 249.98  | 2.27  | 2.25                | -1.43  | 25.00         | 0.56 | 0.00 | 2.67     | 327.51  | Gyros  |
| 8             | 275.00  | 0.93 | 325.68  | 274.98  | 2.62  | 2.60                | -1.66  | 25.00         | 0.27 | 0.00 | 3.08     | 327.45  | Gyros  |
| 9             | 300.00  | 0.99 | 324.86  | 299.98  | 2.97  | 2.94                | -1.90  | 25.00         | 0.25 | 0.00 | 3.50     | 327.19  | Gyros  |
| 10            | 325.00  | 1.04 | 326.74  | 324.97  | 3.34  | 3.31                | -2.15  | 25.00         | 0.24 | 0.00 | 3.94     | 327.03  | Gyros  |
| 11            | 350.00  | 1.17 | 322.58  | 349.97  | 3.74  | 3.70                | -2.43  | 25.00         | 0.61 | 0.00 | 4.42     | 326.76  | Gyros  |
| 12            | 375.00  | 1.19 | 323.20  | 374.96  | 4.16  | 4.11                | -2.74  | 25.00         | 0.09 | 0.00 | 4.94     | 326.36  | Gyros  |
| 13            | 400.00  | 1.27 | 321.90  | 399.96  | 4.59  | 4.54                | -3.06  | 25.00         | 0.34 | 0.00 | 5.47     | 325.98  | Gyros  |
| 14            | 425.00  | 1.20 | 314.23  | 424.95  | 4.99  | 4.94                | -3.42  | 25.00         | 0.72 | 0.00 | 6.01     | 325.29  | Gyros  |
| 15            | 450.00  | 1.19 | 314.37  | 449.94  | 5.36  | 5.30                | -3.79  | 25.00         | 0.04 | 0.00 | 6.52     | 324.41  | Gyros  |
| 16            | 475.00  | 1.19 | 311.62  | 474.94  | 5.72  | 5.66                | -4.17  | 25.00         | 0.23 | 0.00 | 7.03     | 323.58  | Gyros  |
| 17            | 500.00  | 1.26 | 311.81  | 499.93  | 6.09  | 6.01                | -4.57  | 25.00         | 0.28 | 0.00 | 7.55     | 322.74  | Gyros  |
| 18            | 525.00  | 1.30 | 309.09  | 524.93  | 6.45  | 6.37                | -5.00  | 25.00         | 0.29 | 0.00 | 8.10     | 321.90  | Gyros  |
| 19            | 550.00  | 1.38 | 301.95  | 549.92  | 6.80  | 6.71                | -5.47  | 25.00         | 0.74 | 0.00 | 8.66     | 320.81  | Gyros  |
| 20            | 575.00  | 1.50 | 306.95  | 574.91  | 7.17  | 7.07                | -5.99  | 25.00         | 0.69 | 0.00 | 9.26     | 319.72  | Gyros  |
| 21            | 600.00  | 1.54 | 302.90  | 599.90  | 7.55  | 7.45                | -6.53  | 25.00         | 0.46 | 0.00 | 9.91     | 318.74  | Gyros  |
| 22            | 625.00  | 1.54 | 299.47  | 624.89  | 7.91  | 7.79                | -7.11  | 25.00         | 0.37 | 0.00 | 10.55    | 317.64  | Gyros  |
| 23            | 650.00  | 1.75 | 298.62  | 649.88  | 8.27  | 8.14                | -7.74  | 25.00         | 0.85 | 0.00 | 11.23    | 316.47  | Gyros  |
| 24            | 675.00  | 1.58 | 295.10  | 674.87  | 8.61  | 8.47                | -8.38  | 25.00         | 0.79 | 0.00 | 11.92    | 315.30  | Gyros  |
| 25            | 700.00  | 1.77 | 287.09  | 699.86  | 8.88  | 8.73                | -9.06  | 25.00         | 1.20 | 0.00 | 12.59    | 313.93  | Gyros  |
| 26            | 725.00  | 2.02 | 283.84  | 724.85  | 9.11  | 8.95                | -9.86  | 25.00         | 1.09 | 0.00 | 13.32    | 312.23  | Gyros  |
| 27            | 750.00  | 2.04 | 282.32  | 749.83  | 9.33  | 9.15                | -10.72 | 25.00         | 0.23 | 0.00 | 14.10    | 310.48  | Gyros  |
| 28            | 775.00  | 2.07 | 281.82  | 774.82  | 9.53  | 9.34                | -11.60 | 25.00         | 0.14 | 0.00 | 14.89    | 308.83  | Gyros  |
| 29            | 800.00  | 2.00 | 284.55  | 799.80  | 9.74  | 9.54                | -12.46 | 25.00         | 0.48 | 0.00 | 15.70    | 307.43  | Gyros  |
| 30            | 825.00  | 2.03 | 285.33  | 824.79  | 9.98  | 9.77                | -13.31 | 25.00         | 0.16 | 0.00 | 16.51    | 306.26  | Gyros  |
| 31            | 850.00  | 2.00 | 283.33  | 849.77  | 10.22 | 9.98                | -14.16 | 25.00         | 0.31 | 0.00 | 17.33    | 305.18  | Gyros  |
| 32            | 875.00  | 1.95 | 280.91  | 874.76  | 10.41 | 10.17               | -15.01 | 25.00         | 0.39 | 0.00 | 18.13    | 304.11  | Gyros  |
| 33            | 900.00  | 1.97 | 278.53  | 899.74  | 10.57 | 10.31               | -15.85 | 25.00         | 0.34 | 0.00 | 18.91    | 303.04  | Gyros  |
| 34            | 925.00  | 1.97 | 280.15  | 924.73  | 10.72 | 10.45               | -16.70 | 25.00         | 0.22 | 0.00 | 19.70    | 302.04  | Gyros  |
| 35            | 950.00  | 1.90 | 280.22  | 949.71  | 10.88 | 10.60               | -17.53 | 25.00         | 0.28 | 0.00 | 20.48    | 301.16  | Gyros  |
| 36            | 975.00  | 1.95 | 281.04  | 974.70  | 11.05 | 10.75               | -18.35 | 25.00         | 0.23 | 0.00 | 21.27    | 300.37  | Gyros  |
| 37            | 1000.00 | 1.97 | 280.31  | 999.68  | 11.23 | 10.91               | -19.19 | 25.00         | 0.13 | 0.00 | 22.08    | 299.62  | Gyros  |
| 38            | 1025.00 | 1.98 | 280.41  | 1024.67 | 11.39 | 11.07               | -20.04 | 25.00         | 0.04 | 0.00 | 22.89    | 298.91  | Gyros  |
| 39            | 1050.00 | 2.00 | 277.61  | 1049.65 | 11.54 | 11.20               | -20.90 | 25.00         | 0.40 | 0.00 | 23.71    | 298.19  | Gyros  |
| 40            | 1075.00 | 1.94 | 279.81  | 1074.64 | 11.69 | 11.33               | -21.75 | 25.00         | 0.39 | 0.00 | 24.52    | 297.52  | Gyros  |
| 41            | 1100.00 | 2.01 | 278.34  | 1099.62 | 11.84 | 11.47               | -22.60 | 25.00         | 0.35 | 0.00 | 25.34    | 296.91  | Gyros  |
| 42            | 1125.00 | 2.00 | 279.28  | 1124.61 | 11.99 | 11.60               | -23.46 | 25.00         | 0.14 | 0.00 | 26.18    | 296.31  | Gyros  |
| 43            | 1150.00 | 1.97 | 277.12  | 1149.59 | 12.12 | 11.73               | -24.32 | 25.00         | 0.32 | 0.00 | 27.00    | 295.74  | Gyros  |
| 44            | 1175.00 | 1.97 | 276.25  | 1174.58 | 12.24 | 11.83               | -25.17 | 25.00         | 0.12 | 0.00 | 27.81    | 295.16  | Gyros  |
| 45            | 1200.00 | 1.92 | 278.19  | 1199.57 | 12.36 | 11.93               | -26.02 | 25.00         | 0.33 | 0.00 | 28.62    | 294.64  | Gyros  |
| 46            | 1225.00 | 1.94 | 282.08  | 1224.55 | 12.52 | 12.08               | -26.84 | 25.00         | 0.53 | 0.00 | 29.44    | 294.23  | Gyros  |
| 47            | 1250.00 | 1.85 | 283.44  | 1249.54 | 12.71 | 12.26               | -27.65 | 25.00         | 0.40 | 0.00 | 30.25    | 293.92  | Gyros  |
| 48            | 1275.00 | 1.85 | 282.19  | 1274.52 | 12.91 | 12.44               | -28.44 | 25.00         | 0.16 | 0.00 | 31.04    | 293.63  | Gyros  |

|     |         |      |        |         |       |       |        |       |      |      |       |        |       |
|-----|---------|------|--------|---------|-------|-------|--------|-------|------|------|-------|--------|-------|
| 49  | 1300.00 | 1.74 | 286.14 | 1299.51 | 13.11 | 12.63 | -29.20 | 25.00 | 0.66 | 0.00 | 31.81 | 293.40 | Gyros |
| 50  | 1325.00 | 1.74 | 286.05 | 1324.50 | 13.33 | 12.84 | -29.93 | 25.00 | 0.01 | 0.00 | 32.56 | 293.23 | Gyros |
| 51  | 1350.00 | 1.68 | 289.75 | 1349.49 | 13.57 | 13.07 | -30.63 | 25.00 | 0.50 | 0.00 | 33.31 | 293.11 | Gyros |
| 52  | 1375.00 | 1.58 | 289.99 | 1374.48 | 13.83 | 13.31 | -31.30 | 25.00 | 0.40 | 0.00 | 34.02 | 293.04 | Gyros |
| 53  | 1400.00 | 1.54 | 289.12 | 1399.47 | 14.06 | 13.54 | -31.95 | 25.00 | 0.19 | 0.00 | 34.70 | 292.97 | Gyros |
| 54  | 1425.00 | 1.60 | 295.49 | 1424.46 | 14.33 | 13.80 | -32.58 | 25.00 | 0.74 | 0.00 | 35.38 | 292.96 | Gyros |
| 55  | 1450.00 | 1.78 | 300.28 | 1449.45 | 14.69 | 14.15 | -33.23 | 25.00 | 0.91 | 0.00 | 36.11 | 293.06 | Gyros |
| 56  | 1475.00 | 1.83 | 310.38 | 1474.44 | 15.16 | 14.60 | -33.87 | 25.00 | 1.29 | 0.00 | 36.88 | 293.32 | Gyros |
| 57  | 1500.00 | 2.11 | 313.07 | 1499.42 | 15.74 | 15.17 | -34.51 | 25.00 | 1.18 | 0.00 | 37.70 | 293.74 | Gyros |
| 58  | 1525.00 | 2.12 | 310.29 | 1524.41 | 16.36 | 15.79 | -35.20 | 25.00 | 0.41 | 0.00 | 38.58 | 294.16 | Gyros |
| 59  | 1550.00 | 2.27 | 310.88 | 1549.39 | 17.00 | 16.41 | -35.92 | 25.00 | 0.61 | 0.00 | 39.49 | 294.55 | Gyros |
| 60  | 1575.00 | 2.54 | 315.65 | 1574.37 | 17.73 | 17.13 | -36.69 | 25.00 | 1.34 | 0.00 | 40.49 | 295.03 | Gyros |
| 61  | 1600.00 | 3.09 | 316.79 | 1599.33 | 18.63 | 18.02 | -37.53 | 25.00 | 2.21 | 0.00 | 41.63 | 295.64 | Gyros |
| 62  | 1625.00 | 3.16 | 318.05 | 1624.30 | 19.65 | 19.02 | -38.46 | 25.00 | 0.39 | 0.00 | 42.90 | 296.32 | Gyros |
| 63  | 1650.00 | 3.33 | 320.03 | 1649.26 | 20.73 | 20.09 | -39.38 | 25.00 | 0.81 | 0.00 | 44.21 | 297.03 | Gyros |
| 64  | 1675.00 | 3.31 | 321.06 | 1674.22 | 21.87 | 21.21 | -40.30 | 25.00 | 0.25 | 0.00 | 45.54 | 297.76 | Gyros |
| 65  | 1700.00 | 3.35 | 321.89 | 1699.17 | 23.02 | 22.34 | -41.21 | 25.00 | 0.25 | 0.00 | 46.88 | 298.47 | Gyros |
| 66  | 1725.00 | 3.33 | 322.64 | 1724.13 | 24.18 | 23.50 | -42.10 | 25.00 | 0.19 | 0.00 | 48.21 | 299.17 | Gyros |
| 67  | 1750.00 | 3.44 | 324.71 | 1749.09 | 25.39 | 24.69 | -42.97 | 25.00 | 0.66 | 0.00 | 49.56 | 299.88 | Gyros |
| 68  | 1775.00 | 3.50 | 325.08 | 1774.04 | 26.64 | 25.92 | -43.84 | 25.00 | 0.26 | 0.00 | 50.93 | 300.60 | Gyros |
| 69  | 1800.00 | 3.50 | 325.16 | 1798.99 | 27.91 | 27.18 | -44.72 | 25.00 | 0.02 | 0.00 | 52.33 | 301.29 | Gyros |
| 70  | 1825.00 | 3.49 | 323.52 | 1823.95 | 29.16 | 28.41 | -45.60 | 25.00 | 0.40 | 0.00 | 53.73 | 301.93 | Gyros |
| 71  | 1850.00 | 3.48 | 324.34 | 1848.90 | 30.40 | 29.64 | -46.50 | 25.00 | 0.20 | 0.00 | 55.14 | 302.52 | Gyros |
| 72  | 1875.00 | 3.49 | 322.90 | 1873.86 | 31.64 | 30.87 | -47.40 | 25.00 | 0.35 | 0.00 | 56.56 | 303.07 | Gyros |
| 73  | 1900.00 | 3.30 | 321.93 | 1898.81 | 32.83 | 32.04 | -48.30 | 25.00 | 0.79 | 0.00 | 57.96 | 303.56 | Gyros |
| 74  | 1925.00 | 3.07 | 319.94 | 1923.77 | 33.92 | 33.12 | -49.18 | 25.00 | 1.02 | 0.00 | 59.29 | 303.96 | Gyros |
| 75  | 1950.00 | 2.97 | 318.40 | 1948.74 | 34.93 | 34.11 | -50.04 | 25.00 | 0.52 | 0.00 | 60.56 | 304.29 | Gyros |
| 76  | 1975.00 | 2.80 | 318.23 | 1973.71 | 35.88 | 35.05 | -50.87 | 25.00 | 0.68 | 0.00 | 61.78 | 304.57 | Gyros |
| 77  | 2000.00 | 2.81 | 318.69 | 1998.68 | 36.81 | 35.97 | -51.69 | 25.00 | 0.10 | 0.00 | 62.97 | 304.84 | Gyros |
| 78  | 2025.00 | 2.96 | 318.98 | 2023.65 | 37.77 | 36.92 | -52.51 | 25.00 | 0.60 | 0.00 | 64.19 | 305.11 | Gyros |
| 79  | 2050.00 | 2.78 | 322.70 | 2048.61 | 38.76 | 37.89 | -53.31 | 25.00 | 1.04 | 0.00 | 65.40 | 305.40 | Gyros |
| 80  | 2075.00 | 2.68 | 327.25 | 2073.59 | 39.74 | 38.86 | -53.99 | 25.00 | 0.95 | 0.00 | 66.52 | 305.75 | Gyros |
| 81  | 2100.00 | 2.48 | 340.55 | 2098.56 | 40.75 | 39.86 | -54.48 | 25.00 | 2.52 | 0.00 | 67.51 | 306.19 | Gyros |
| 82  | 2125.00 | 2.45 | 352.69 | 2123.54 | 41.79 | 40.90 | -54.73 | 25.00 | 2.09 | 0.00 | 68.33 | 306.77 | Gyros |
| 83  | 2150.00 | 2.55 | 4.97   | 2148.51 | 42.88 | 41.99 | -54.75 | 25.00 | 2.18 | 0.00 | 69.00 | 307.48 | Gyros |
| 84  | 2175.00 | 2.62 | 15.12  | 2173.49 | 43.98 | 43.09 | -54.56 | 25.00 | 1.85 | 0.00 | 69.52 | 308.30 | Gyros |
| 85  | 2200.00 | 2.69 | 23.53  | 2198.46 | 45.06 | 44.18 | -54.17 | 25.00 | 1.58 | 0.00 | 69.90 | 309.20 | Gyros |
| 86  | 2225.00 | 2.77 | 27.16  | 2223.43 | 46.13 | 45.26 | -53.66 | 25.00 | 0.76 | 0.00 | 70.20 | 310.14 | Gyros |
| 87  | 2250.00 | 2.83 | 30.86  | 2248.40 | 47.19 | 46.32 | -53.07 | 25.00 | 0.76 | 0.00 | 70.44 | 311.12 | Gyros |
| 88  | 2275.00 | 2.80 | 29.58  | 2273.37 | 48.24 | 47.39 | -52.45 | 25.00 | 0.28 | 0.00 | 70.69 | 312.09 | Gyros |
| 89  | 2300.00 | 2.74 | 35.50  | 2298.34 | 49.25 | 48.40 | -51.80 | 25.00 | 1.17 | 0.00 | 70.90 | 313.06 | Gyros |
| 90  | 2325.00 | 2.93 | 42.63  | 2323.31 | 50.19 | 49.36 | -51.02 | 25.00 | 1.60 | 0.00 | 70.99 | 314.05 | Gyros |
| 91  | 2350.00 | 2.91 | 47.10  | 2348.28 | 51.08 | 50.26 | -50.13 | 25.00 | 0.91 | 0.00 | 70.98 | 315.08 | Gyros |
| 92  | 2375.00 | 3.21 | 56.55  | 2373.25 | 51.88 | 51.08 | -49.08 | 25.00 | 2.34 | 0.00 | 70.84 | 316.14 | Gyros |
| 93  | 2400.00 | 3.58 | 63.06  | 2398.20 | 52.60 | 51.82 | -47.80 | 25.00 | 2.14 | 0.00 | 70.50 | 317.31 | Gyros |
| 94  | 2425.00 | 4.09 | 70.26  | 2423.15 | 53.23 | 52.47 | -46.26 | 25.00 | 2.80 | 0.00 | 69.95 | 318.60 | Gyros |
| 95  | 2450.00 | 4.77 | 75.32  | 2448.07 | 53.76 | 53.04 | -44.42 | 25.00 | 3.13 | 0.00 | 69.18 | 320.05 | Gyros |
| 96  | 2475.00 | 5.56 | 78.39  | 2472.97 | 54.23 | 53.54 | -42.23 | 25.00 | 3.35 | 0.00 | 68.19 | 321.74 | Gyros |
| 97  | 2500.00 | 5.97 | 81.40  | 2497.84 | 54.63 | 53.98 | -39.75 | 25.00 | 2.04 | 0.00 | 67.04 | 323.63 | Gyros |
| 98  | 2525.00 | 6.37 | 82.42  | 2522.70 | 54.96 | 54.36 | -37.09 | 25.00 | 1.66 | 0.00 | 65.81 | 325.69 | Gyros |
| 99  | 2550.00 | 6.62 | 82.38  | 2547.54 | 55.29 | 54.73 | -34.29 | 25.00 | 1.00 | 0.00 | 64.59 | 327.93 | Gyros |
| 100 | 2575.00 | 6.81 | 82.05  | 2572.37 | 55.64 | 55.13 | -31.39 | 25.00 | 0.78 | 0.00 | 63.44 | 330.34 | Gyros |
| 101 | 2600.00 | 6.78 | 81.18  | 2597.19 | 56.02 | 55.56 | -28.47 | 25.00 | 0.43 | 0.00 | 62.43 | 332.87 | Gyros |
| 102 | 2625.00 | 6.78 | 81.80  | 2622.02 | 56.41 | 56.00 | -25.55 | 25.00 | 0.29 | 0.00 | 61.55 | 335.47 | Gyros |
| 103 | 2650.00 | 6.70 | 80.57  | 2646.84 | 56.81 | 56.45 | -22.65 | 25.00 | 0.66 | 0.00 | 60.82 | 338.14 | Gyros |
| 104 | 2675.00 | 6.53 | 79.27  | 2671.68 | 57.27 | 56.95 | -19.81 | 25.00 | 0.91 | 0.00 | 60.30 | 340.82 | Gyros |
| 105 | 2700.00 | 6.41 | 77.07  | 2696.52 | 57.80 | 57.53 | -17.06 | 25.00 | 1.10 | 0.00 | 60.00 | 343.48 | Gyros |
| 106 | 2725.00 | 6.15 | 76.12  | 2721.37 | 58.39 | 58.16 | -14.40 | 25.00 | 1.12 | 0.00 | 59.92 | 346.10 | Gyros |
| 107 | 2750.00 | 5.94 | 75.04  | 2746.23 | 59.00 | 58.82 | -11.85 | 25.00 | 0.96 | 0.00 | 60.00 | 348.61 | Gyros |
| 108 | 2775.00 | 5.55 | 71.63  | 2771.10 | 59.68 | 59.53 | -9.45  | 25.00 | 2.07 | 0.00 | 60.28 | 350.98 | Gyros |
| 109 | 2800.00 | 5.16 | 65.67  | 2795.99 | 60.49 | 60.38 | -7.28  | 25.00 | 2.72 | 0.00 | 60.81 | 353.13 | Gyros |
| 110 | 2825.00 | 4.56 | 61.39  | 2820.90 | 61.40 | 61.32 | -5.38  | 25.00 | 2.80 | 0.00 | 61.55 | 354.98 | Gyros |
| 111 | 2850.00 | 4.11 | 59.80  | 2845.83 | 62.29 | 62.24 | -3.74  | 25.00 | 1.86 | 0.00 | 62.35 | 356.57 | Gyros |
| 112 | 2875.00 | 3.82 | 62.91  | 2870.77 | 63.10 | 63.07 | -2.22  | 25.00 | 1.44 | 0.00 | 63.11 | 357.98 | Gyros |
| 113 | 2900.00 | 3.24 | 70.96  | 2895.73 | 63.69 | 63.68 | -0.81  | 25.00 | 3.05 | 0.00 | 63.69 | 359.27 | Gyros |
| 114 | 2925.00 | 2.63 | 84.33  | 2920.69 | 63.95 | 63.97 | 0.43   | 25.00 | 3.65 | 0.00 | 63.97 | 0.38   | Gyros |
| 115 | 2950.00 | 2.41 | 101.70 | 2945.67 | 63.89 | 63.92 | 1.51   | 25.00 | 3.17 | 0.00 | 63.94 | 1.36   | Gyros |
| 116 | 2975.00 | 2.07 | 103.43 | 2970.65 | 63.66 | 63.71 | 2.47   | 25.00 | 1.39 | 0.00 | 63.76 | 2.22   | Gyros |

|     |         |      |        |         |       |       |       |       |      |      |       |        |       |
|-----|---------|------|--------|---------|-------|-------|-------|-------|------|------|-------|--------|-------|
| 117 | 3000.00 | 2.20 | 104.09 | 2995.63 | 63.42 | 63.49 | 3.37  | 25.00 | 0.53 | 0.00 | 63.58 | 3.04   | Gyros |
| 118 | 3025.00 | 2.18 | 106.10 | 3020.61 | 63.16 | 63.24 | 4.29  | 25.00 | 0.32 | 0.00 | 63.38 | 3.88   | Gyros |
| 119 | 3050.00 | 1.89 | 105.13 | 3045.60 | 62.90 | 63.00 | 5.15  | 25.00 | 1.17 | 0.00 | 63.21 | 4.67   | Gyros |
| 120 | 3075.00 | 1.36 | 112.46 | 3070.59 | 62.67 | 62.78 | 5.82  | 25.00 | 2.27 | 0.00 | 63.05 | 5.30   | Gyros |
| 121 | 3100.00 | 0.68 | 111.61 | 3095.58 | 62.50 | 62.61 | 6.23  | 25.00 | 2.72 | 0.00 | 62.92 | 5.69   | Gyros |
| 122 | 3125.00 | 0.46 | 123.52 | 3120.58 | 62.38 | 62.50 | 6.45  | 25.00 | 0.99 | 0.00 | 62.83 | 5.90   | Gyros |
| 123 | 3150.00 | 0.61 | 125.41 | 3145.58 | 62.25 | 62.37 | 6.65  | 25.00 | 0.60 | 0.00 | 62.72 | 6.08   | Gyros |
| 124 | 3175.00 | 0.55 | 122.91 | 3170.58 | 62.10 | 62.22 | 6.86  | 25.00 | 0.26 | 0.00 | 62.60 | 6.29   | Gyros |
| 125 | 3200.00 | 0.44 | 132.49 | 3195.58 | 61.97 | 62.09 | 7.03  | 25.00 | 0.55 | 0.00 | 62.49 | 6.46   | Gyros |
| 126 | 3225.00 | 0.45 | 134.76 | 3220.58 | 61.83 | 61.96 | 7.17  | 25.00 | 0.08 | 0.00 | 62.37 | 6.60   | Gyros |
| 127 | 3250.00 | 0.45 | 132.10 | 3245.58 | 61.70 | 61.82 | 7.31  | 25.00 | 0.08 | 0.00 | 62.26 | 6.74   | Gyros |
| 128 | 3275.00 | 0.51 | 127.95 | 3270.58 | 61.56 | 61.69 | 7.47  | 25.00 | 0.28 | 0.00 | 62.14 | 6.91   | Gyros |
| 129 | 3300.00 | 0.54 | 130.31 | 3295.58 | 61.41 | 61.55 | 7.65  | 25.00 | 0.15 | 0.00 | 62.02 | 7.08   | Gyros |
| 130 | 3325.00 | 0.55 | 153.58 | 3320.58 | 61.23 | 61.36 | 7.79  | 25.00 | 0.88 | 0.00 | 61.85 | 7.24   | Gyros |
| 131 | 3350.00 | 0.64 | 150.60 | 3345.57 | 60.99 | 61.13 | 7.91  | 25.00 | 0.38 | 0.00 | 61.64 | 7.38   | Gyros |
| 132 | 3375.00 | 1.52 | 189.32 | 3370.57 | 60.55 | 60.68 | 7.93  | 25.00 | 4.39 | 0.00 | 61.20 | 7.44   | Gyros |
| 133 | 3400.00 | 1.91 | 190.24 | 3395.56 | 59.81 | 59.95 | 7.80  | 25.00 | 1.56 | 0.00 | 60.45 | 7.41   | Gyros |
| 134 | 3425.00 | 1.90 | 194.51 | 3420.54 | 59.00 | 59.14 | 7.62  | 25.00 | 0.57 | 0.00 | 59.63 | 7.35   | Gyros |
| 135 | 3450.00 | 1.87 | 193.72 | 3445.53 | 58.21 | 58.34 | 7.42  | 25.00 | 0.16 | 0.00 | 58.81 | 7.25   | Gyros |
| 136 | 3475.00 | 1.92 | 194.45 | 3470.52 | 57.41 | 57.54 | 7.22  | 25.00 | 0.22 | 0.00 | 57.99 | 7.15   | Gyros |
| 137 | 3500.00 | 1.97 | 195.75 | 3495.50 | 56.59 | 56.72 | 7.00  | 25.00 | 0.27 | 0.00 | 57.15 | 7.04   | Gyros |
| 138 | 3525.00 | 1.95 | 194.99 | 3520.49 | 55.77 | 55.89 | 6.77  | 25.00 | 0.13 | 0.00 | 56.30 | 6.91   | Gyros |
| 139 | 3550.00 | 2.01 | 194.77 | 3545.47 | 54.94 | 55.06 | 6.55  | 25.00 | 0.24 | 0.00 | 55.45 | 6.79   | Gyros |
| 140 | 3575.00 | 2.05 | 194.48 | 3570.46 | 54.09 | 54.20 | 6.33  | 25.00 | 0.17 | 0.00 | 54.57 | 6.66   | Gyros |
| 141 | 3600.00 | 2.14 | 192.99 | 3595.44 | 53.21 | 53.31 | 6.11  | 25.00 | 0.42 | 0.00 | 53.66 | 6.54   | Gyros |
| 142 | 3625.00 | 1.98 | 190.11 | 3620.42 | 52.33 | 52.43 | 5.93  | 25.00 | 0.76 | 0.00 | 52.77 | 6.45   | Gyros |
| 143 | 3650.00 | 2.01 | 193.05 | 3645.41 | 51.48 | 51.58 | 5.76  | 25.00 | 0.43 | 0.00 | 51.90 | 6.37   | Gyros |
| 144 | 3675.00 | 1.95 | 192.32 | 3670.39 | 50.64 | 50.74 | 5.57  | 25.00 | 0.26 | 0.00 | 51.04 | 6.26   | Gyros |
| 145 | 3700.00 | 2.20 | 193.62 | 3695.38 | 49.76 | 49.86 | 5.36  | 25.00 | 1.02 | 0.00 | 50.14 | 6.14   | Gyros |
| 146 | 3725.00 | 2.03 | 191.40 | 3720.36 | 48.87 | 48.96 | 5.16  | 25.00 | 0.75 | 0.00 | 49.23 | 6.02   | Gyros |
| 147 | 3750.00 | 1.99 | 194.46 | 3745.35 | 48.01 | 48.10 | 4.97  | 25.00 | 0.46 | 0.00 | 48.36 | 5.89   | Gyros |
| 148 | 3775.00 | 1.98 | 194.05 | 3770.33 | 47.18 | 47.26 | 4.75  | 25.00 | 0.07 | 0.00 | 47.50 | 5.74   | Gyros |
| 149 | 3800.00 | 2.04 | 193.42 | 3795.32 | 46.33 | 46.41 | 4.54  | 25.00 | 0.26 | 0.00 | 46.63 | 5.59   | Gyros |
| 150 | 3825.00 | 1.97 | 193.50 | 3820.30 | 45.48 | 45.56 | 4.34  | 25.00 | 0.28 | 0.00 | 45.77 | 5.44   | Gyros |
| 151 | 3850.00 | 1.97 | 194.93 | 3845.29 | 44.65 | 44.73 | 4.13  | 25.00 | 0.20 | 0.00 | 44.92 | 5.28   | Gyros |
| 152 | 3875.00 | 2.03 | 194.66 | 3870.27 | 43.81 | 43.88 | 3.91  | 25.00 | 0.24 | 0.00 | 44.06 | 5.09   | Gyros |
| 153 | 3900.00 | 2.02 | 196.09 | 3895.25 | 42.97 | 43.03 | 3.67  | 25.00 | 0.21 | 0.00 | 43.19 | 4.88   | Gyros |
| 154 | 3925.00 | 1.97 | 191.45 | 3920.24 | 42.12 | 42.19 | 3.47  | 25.00 | 0.68 | 0.00 | 42.33 | 4.70   | Gyros |
| 155 | 3950.00 | 2.01 | 195.90 | 3945.22 | 41.29 | 41.34 | 3.26  | 25.00 | 0.64 | 0.00 | 41.47 | 4.51   | Gyros |
| 156 | 3975.00 | 2.04 | 196.17 | 3970.21 | 40.44 | 40.50 | 3.02  | 25.00 | 0.13 | 0.00 | 40.61 | 4.26   | Gyros |
| 157 | 4000.00 | 2.02 | 191.81 | 3995.19 | 39.59 | 39.64 | 2.80  | 25.00 | 0.62 | 0.00 | 39.74 | 4.04   | Gyros |
| 158 | 4025.00 | 2.06 | 193.67 | 4020.18 | 38.72 | 38.77 | 2.61  | 25.00 | 0.31 | 0.00 | 38.86 | 3.85   | Gyros |
| 159 | 4050.00 | 2.13 | 194.17 | 4045.16 | 37.84 | 37.88 | 2.39  | 25.00 | 0.29 | 0.00 | 37.96 | 3.60   | Gyros |
| 160 | 4075.00 | 2.09 | 194.31 | 4070.14 | 36.95 | 36.99 | 2.16  | 25.00 | 0.16 | 0.00 | 37.05 | 3.34   | Gyros |
| 161 | 4100.00 | 2.06 | 198.11 | 4095.13 | 36.08 | 36.12 | 1.91  | 25.00 | 0.56 | 0.00 | 36.17 | 3.02   | Gyros |
| 162 | 4125.00 | 2.13 | 195.80 | 4120.11 | 35.22 | 35.25 | 1.64  | 25.00 | 0.44 | 0.00 | 35.29 | 2.67   | Gyros |
| 163 | 4150.00 | 2.11 | 195.35 | 4145.09 | 34.33 | 34.36 | 1.39  | 25.00 | 0.10 | 0.00 | 34.38 | 2.32   | Gyros |
| 164 | 4175.00 | 2.09 | 194.21 | 4170.08 | 33.45 | 33.47 | 1.16  | 25.00 | 0.19 | 0.00 | 33.49 | 1.98   | Gyros |
| 165 | 4200.00 | 2.10 | 193.99 | 4195.06 | 32.56 | 32.58 | 0.94  | 25.00 | 0.05 | 0.00 | 32.60 | 1.65   | Gyros |
| 166 | 4225.00 | 2.09 | 193.02 | 4220.04 | 31.68 | 31.70 | 0.72  | 25.00 | 0.15 | 0.00 | 31.70 | 1.31   | Gyros |
| 167 | 4250.00 | 2.16 | 188.79 | 4245.03 | 30.77 | 30.79 | 0.55  | 25.00 | 0.69 | 0.00 | 30.79 | 1.02   | Gyros |
| 168 | 4275.00 | 2.11 | 191.85 | 4270.01 | 29.86 | 29.87 | 0.38  | 25.00 | 0.50 | 0.00 | 29.87 | 0.73   | Gyros |
| 169 | 4300.00 | 2.15 | 191.81 | 4294.99 | 28.95 | 28.96 | 0.19  | 25.00 | 0.16 | 0.00 | 28.96 | 0.38   | Gyros |
| 170 | 4325.00 | 2.36 | 188.91 | 4319.97 | 27.99 | 27.99 | 0.02  | 25.00 | 0.96 | 0.00 | 27.99 | 0.03   | Gyros |
| 171 | 4350.00 | 2.15 | 195.77 | 4344.95 | 27.03 | 27.03 | -0.19 | 25.00 | 1.37 | 0.00 | 27.03 | 359.59 | Gyros |
| 172 | 4375.00 | 2.05 | 194.77 | 4369.94 | 26.15 | 26.15 | -0.43 | 25.00 | 0.43 | 0.00 | 26.15 | 359.05 | Gyros |
| 173 | 4400.00 | 2.08 | 194.53 | 4394.92 | 25.29 | 25.28 | -0.66 | 25.00 | 0.12 | 0.00 | 25.29 | 358.50 | Gyros |
| 174 | 4425.00 | 2.12 | 197.33 | 4419.90 | 24.41 | 24.40 | -0.91 | 25.00 | 0.44 | 0.00 | 24.41 | 357.86 | Gyros |
| 175 | 4450.00 | 2.09 | 193.97 | 4444.89 | 23.53 | 23.51 | -1.16 | 25.00 | 0.51 | 0.00 | 23.54 | 357.17 | Gyros |
| 176 | 4475.00 | 2.10 | 193.36 | 4469.87 | 22.64 | 22.63 | -1.38 | 25.00 | 0.10 | 0.00 | 22.67 | 356.52 | Gyros |
| 177 | 4500.00 | 2.15 | 200.54 | 4494.85 | 21.76 | 21.74 | -1.65 | 25.00 | 1.08 | 0.00 | 21.80 | 355.67 | Gyros |
| 178 | 4525.00 | 2.10 | 199.99 | 4519.83 | 20.90 | 20.87 | -1.97 | 25.00 | 0.22 | 0.00 | 20.96 | 354.61 | Gyros |
| 179 | 4550.00 | 2.17 | 199.99 | 4544.82 | 20.03 | 20.00 | -2.29 | 25.00 | 0.28 | 0.00 | 20.13 | 353.48 | Gyros |
| 180 | 4575.00 | 2.14 | 200.50 | 4569.80 | 19.15 | 19.11 | -2.61 | 25.00 | 0.14 | 0.00 | 19.29 | 352.22 | Gyros |
| 181 | 4600.00 | 2.15 | 197.35 | 4594.78 | 18.27 | 18.23 | -2.91 | 25.00 | 0.47 | 0.00 | 18.46 | 350.92 | Gyros |
| 182 | 4625.00 | 2.15 | 196.55 | 4619.76 | 17.38 | 17.33 | -3.19 | 25.00 | 0.12 | 0.00 | 17.62 | 349.58 | Gyros |
| 183 | 4650.00 | 2.21 | 195.55 | 4644.75 | 16.47 | 16.42 | -3.45 | 25.00 | 0.28 | 0.00 | 16.78 | 348.13 | Gyros |
| 184 | 4675.00 | 2.12 | 195.77 | 4669.73 | 15.57 | 15.51 | -3.71 | 25.00 | 0.36 | 0.00 | 15.95 | 346.56 | Gyros |

|     |         |      |        |         |        |        |        |       |      |      |       |        |       |
|-----|---------|------|--------|---------|--------|--------|--------|-------|------|------|-------|--------|-------|
| 185 | 4700.00 | 2.17 | 197.38 | 4694.71 | 14.67  | 14.61  | -3.97  | 25.00 | 0.31 | 0.00 | 15.14 | 344.79 | Gyros |
| 186 | 4725.00 | 2.16 | 198.61 | 4719.69 | 13.78  | 13.71  | -4.26  | 25.00 | 0.19 | 0.00 | 14.36 | 342.73 | Gyros |
| 187 | 4750.00 | 2.24 | 201.69 | 4744.67 | 12.89  | 12.81  | -4.60  | 25.00 | 0.57 | 0.00 | 13.61 | 340.27 | Gyros |
| 188 | 4775.00 | 2.16 | 199.85 | 4769.66 | 12.00  | 11.92  | -4.94  | 25.00 | 0.43 | 0.00 | 12.90 | 337.50 | Gyros |
| 189 | 4800.00 | 2.15 | 197.74 | 4794.64 | 11.11  | 11.03  | -5.24  | 25.00 | 0.32 | 0.00 | 12.21 | 334.59 | Gyros |
| 190 | 4825.00 | 2.21 | 200.26 | 4819.62 | 10.22  | 10.13  | -5.55  | 25.00 | 0.45 | 0.00 | 11.55 | 331.28 | Gyros |
| 191 | 4850.00 | 2.20 | 197.23 | 4844.60 | 9.31   | 9.22   | -5.86  | 25.00 | 0.47 | 0.00 | 10.92 | 327.56 | Gyros |
| 192 | 4875.00 | 2.23 | 198.77 | 4869.58 | 8.40   | 8.30   | -6.16  | 25.00 | 0.27 | 0.00 | 10.33 | 323.43 | Gyros |
| 193 | 4900.00 | 2.14 | 199.44 | 4894.57 | 7.50   | 7.40   | -6.47  | 25.00 | 0.37 | 0.00 | 9.83  | 318.83 | Gyros |
| 194 | 4925.00 | 2.29 | 200.23 | 4919.55 | 6.60   | 6.49   | -6.80  | 25.00 | 0.61 | 0.00 | 9.40  | 313.67 | Gyros |
| 195 | 4950.00 | 2.27 | 201.74 | 4944.53 | 5.68   | 5.56   | -7.15  | 25.00 | 0.25 | 0.00 | 9.06  | 307.86 | Gyros |
| 196 | 4975.00 | 2.28 | 201.03 | 4969.51 | 4.76   | 4.64   | -7.51  | 25.00 | 0.12 | 0.00 | 8.83  | 301.67 | Gyros |
| 197 | 5000.00 | 2.25 | 201.13 | 4994.49 | 3.84   | 3.71   | -7.87  | 25.00 | 0.12 | 0.00 | 8.70  | 295.26 | Gyros |
| 198 | 5025.00 | 2.26 | 195.57 | 5019.47 | 2.92   | 2.78   | -8.18  | 25.00 | 0.88 | 0.00 | 8.64  | 288.78 | Gyros |
| 199 | 5050.00 | 2.26 | 198.90 | 5044.45 | 1.98   | 1.84   | -8.47  | 25.00 | 0.53 | 0.00 | 8.67  | 282.26 | Gyros |
| 200 | 5075.00 | 2.23 | 196.27 | 5069.43 | 1.05   | 0.91   | -8.77  | 25.00 | 0.43 | 0.00 | 8.81  | 275.91 | Gyros |
| 201 | 5100.00 | 2.20 | 198.13 | 5094.41 | 0.13   | -0.02  | -9.05  | 25.00 | 0.31 | 0.00 | 9.05  | 269.90 | Gyros |
| 202 | 5125.00 | 2.29 | 200.70 | 5119.39 | -0.79  | -0.94  | -9.38  | 25.00 | 0.54 | 0.00 | 9.43  | 264.28 | Gyros |
| 203 | 5150.00 | 2.28 | 196.99 | 5144.37 | -1.72  | -1.88  | -9.70  | 25.00 | 0.59 | 0.00 | 9.88  | 259.02 | Gyros |
| 204 | 5175.00 | 2.23 | 202.54 | 5169.35 | -2.64  | -2.81  | -10.03 | 25.00 | 0.90 | 0.00 | 10.42 | 254.37 | Gyros |
| 205 | 5200.00 | 2.17 | 202.32 | 5194.33 | -3.52  | -3.69  | -10.40 | 25.00 | 0.24 | 0.00 | 11.03 | 250.44 | Gyros |
| 206 | 5225.00 | 2.20 | 200.19 | 5219.32 | -4.41  | -4.58  | -10.74 | 25.00 | 0.35 | 0.00 | 11.68 | 246.90 | Gyros |
| 207 | 5250.00 | 2.29 | 197.41 | 5244.30 | -5.33  | -5.51  | -11.06 | 25.00 | 0.57 | 0.00 | 12.35 | 243.52 | Gyros |
| 208 | 5275.00 | 2.20 | 196.06 | 5269.28 | -6.26  | -6.45  | -11.34 | 25.00 | 0.42 | 0.00 | 13.05 | 240.38 | Gyros |
| 209 | 5300.00 | 2.21 | 202.76 | 5294.26 | -7.16  | -7.35  | -11.66 | 25.00 | 1.03 | 0.00 | 13.78 | 237.77 | Gyros |
| 210 | 5325.00 | 2.14 | 198.77 | 5319.24 | -8.04  | -8.24  | -12.00 | 25.00 | 0.67 | 0.00 | 14.55 | 235.52 | Gyros |
| 211 | 5350.00 | 2.12 | 196.02 | 5344.22 | -8.92  | -9.13  | -12.27 | 25.00 | 0.42 | 0.00 | 15.29 | 233.37 | Gyros |
| 212 | 5375.00 | 2.06 | 200.75 | 5369.21 | -9.78  | -9.99  | -12.56 | 25.00 | 0.73 | 0.00 | 16.05 | 231.50 | Gyros |
| 213 | 5400.00 | 2.07 | 200.54 | 5394.19 | -10.62 | -10.83 | -12.88 | 25.00 | 0.05 | 0.00 | 16.83 | 229.93 | Gyros |
| 214 | 5425.00 | 1.94 | 199.77 | 5419.18 | -11.44 | -11.65 | -13.18 | 25.00 | 0.53 | 0.00 | 17.59 | 228.52 | Gyros |
| 215 | 5450.00 | 2.02 | 199.82 | 5444.16 | -12.24 | -12.47 | -13.47 | 25.00 | 0.32 | 0.00 | 18.36 | 227.22 | Gyros |
| 216 | 5475.00 | 2.06 | 199.06 | 5469.14 | -13.08 | -13.31 | -13.77 | 25.00 | 0.19 | 0.00 | 19.15 | 225.98 | Gyros |
| 217 | 5500.00 | 2.05 | 196.57 | 5494.13 | -13.93 | -14.16 | -14.04 | 25.00 | 0.36 | 0.00 | 19.94 | 224.76 | Gyros |
| 218 | 5525.00 | 2.04 | 197.76 | 5519.11 | -14.77 | -15.01 | -14.31 | 25.00 | 0.17 | 0.00 | 20.74 | 223.62 | Gyros |
| 219 | 5550.00 | 1.91 | 201.28 | 5544.10 | -15.58 | -15.82 | -14.59 | 25.00 | 0.71 | 0.00 | 21.53 | 222.68 | Gyros |
| 220 | 5575.00 | 2.05 | 196.41 | 5569.08 | -16.39 | -16.64 | -14.87 | 25.00 | 0.88 | 0.00 | 22.32 | 221.79 | Gyros |
| 221 | 5600.00 | 2.01 | 191.78 | 5594.07 | -17.25 | -17.50 | -15.09 | 25.00 | 0.68 | 0.00 | 23.10 | 220.77 | Gyros |
| 222 | 5625.00 | 1.95 | 196.97 | 5619.05 | -18.08 | -18.33 | -15.30 | 25.00 | 0.76 | 0.00 | 23.88 | 219.85 | Gyros |
| 223 | 5650.00 | 2.05 | 193.00 | 5644.04 | -18.92 | -19.18 | -15.53 | 25.00 | 0.68 | 0.00 | 24.67 | 218.99 | Gyros |
| 224 | 5675.00 | 1.98 | 191.34 | 5669.02 | -19.78 | -20.04 | -15.71 | 25.00 | 0.36 | 0.00 | 25.46 | 218.10 | Gyros |
| 225 | 5700.00 | 1.98 | 193.97 | 5694.01 | -20.62 | -20.88 | -15.90 | 25.00 | 0.36 | 0.00 | 26.24 | 217.29 | Gyros |
| 226 | 5725.00 | 1.98 | 193.34 | 5718.99 | -21.45 | -21.72 | -16.10 | 25.00 | 0.09 | 0.00 | 27.04 | 216.56 | Gyros |
| 227 | 5750.00 | 1.89 | 191.18 | 5743.98 | -22.27 | -22.54 | -16.28 | 25.00 | 0.46 | 0.00 | 27.81 | 215.84 | Gyros |
| 228 | 5775.00 | 1.96 | 193.69 | 5768.96 | -23.09 | -23.36 | -16.46 | 25.00 | 0.44 | 0.00 | 28.58 | 215.17 | Gyros |
| 229 | 5800.00 | 1.99 | 192.98 | 5793.95 | -23.92 | -24.20 | -16.66 | 25.00 | 0.15 | 0.00 | 29.38 | 214.55 | Gyros |
| 230 | 5825.00 | 1.96 | 196.10 | 5818.93 | -24.75 | -25.03 | -16.88 | 25.00 | 0.45 | 0.00 | 30.19 | 213.99 | Gyros |
| 231 | 5850.00 | 2.05 | 193.42 | 5843.92 | -25.60 | -25.88 | -17.10 | 25.00 | 0.52 | 0.00 | 31.02 | 213.46 | Gyros |
| 232 | 5875.00 | 2.04 | 192.07 | 5868.90 | -26.46 | -26.75 | -17.30 | 25.00 | 0.20 | 0.00 | 31.86 | 212.89 | Gyros |
| 233 | 5900.00 | 2.14 | 191.42 | 5893.89 | -27.35 | -27.64 | -17.48 | 25.00 | 0.41 | 0.00 | 32.71 | 212.31 | Gyros |
| 234 | 5925.00 | 2.07 | 190.79 | 5918.87 | -28.25 | -28.54 | -17.66 | 25.00 | 0.29 | 0.00 | 33.57 | 211.75 | Gyros |
| 235 | 5950.00 | 2.06 | 192.21 | 5943.85 | -29.13 | -29.43 | -17.84 | 25.00 | 0.21 | 0.00 | 34.41 | 211.23 | Gyros |
| 236 | 5975.00 | 2.09 | 187.31 | 5968.84 | -30.02 | -30.32 | -17.99 | 25.00 | 0.72 | 0.00 | 35.26 | 210.69 | Gyros |
| 237 | 6000.00 | 1.97 | 198.64 | 5993.82 | -30.88 | -31.18 | -18.19 | 25.00 | 1.67 | 0.00 | 36.10 | 210.26 | Gyros |
| 238 | 6025.00 | 2.07 | 192.24 | 6018.81 | -31.72 | -32.03 | -18.42 | 25.00 | 0.99 | 0.00 | 36.95 | 209.91 | Gyros |
| 239 | 6050.00 | 2.20 | 192.07 | 6043.79 | -32.63 | -32.94 | -18.62 | 25.00 | 0.52 | 0.00 | 37.83 | 209.48 | Gyros |
| 240 | 6075.00 | 2.09 | 192.30 | 6068.77 | -33.54 | -33.85 | -18.82 | 25.00 | 0.44 | 0.00 | 38.73 | 209.07 | Gyros |
| 241 | 6100.00 | 2.08 | 191.01 | 6093.75 | -34.43 | -34.74 | -19.00 | 25.00 | 0.19 | 0.00 | 39.60 | 208.67 | Gyros |
| 242 | 6125.00 | 2.17 | 192.24 | 6118.74 | -35.33 | -35.65 | -19.19 | 25.00 | 0.40 | 0.00 | 40.48 | 208.29 | Gyros |
| 243 | 6150.00 | 2.12 | 186.44 | 6143.72 | -36.25 | -36.57 | -19.34 | 25.00 | 0.89 | 0.00 | 41.37 | 207.87 | Gyros |
| 244 | 6175.00 | 2.14 | 190.53 | 6168.70 | -37.17 | -37.49 | -19.48 | 25.00 | 0.61 | 0.00 | 42.25 | 207.45 | Gyros |
| 245 | 6200.00 | 2.10 | 191.91 | 6193.69 | -38.07 | -38.40 | -19.66 | 25.00 | 0.26 | 0.00 | 43.14 | 207.11 | Gyros |
| 246 | 6225.00 | 2.11 | 193.90 | 6218.67 | -38.96 | -39.29 | -19.86 | 25.00 | 0.30 | 0.00 | 44.03 | 206.81 | Gyros |
| 247 | 6250.00 | 2.17 | 192.42 | 6243.65 | -39.87 | -40.20 | -20.07 | 25.00 | 0.33 | 0.00 | 44.93 | 206.53 | Gyros |
| 248 | 6275.00 | 2.16 | 193.97 | 6268.63 | -40.78 | -41.12 | -20.29 | 25.00 | 0.24 | 0.00 | 45.85 | 206.26 | Gyros |
| 249 | 6300.00 | 2.20 | 190.57 | 6293.61 | -41.71 | -42.05 | -20.49 | 25.00 | 0.54 | 0.00 | 46.78 | 205.98 | Gyros |
| 250 | 6325.00 | 2.12 | 193.80 | 6318.60 | -42.63 | -42.97 | -20.69 | 25.00 | 0.58 | 0.00 | 47.69 | 205.71 | Gyros |
| 251 | 6350.00 | 2.20 | 193.57 | 6343.58 | -43.54 | -43.89 | -20.91 | 25.00 | 0.32 | 0.00 | 48.61 | 205.48 | Gyros |
| 252 | 6375.00 | 2.16 | 190.67 | 6368.56 | -44.46 | -44.82 | -21.11 | 25.00 | 0.47 | 0.00 | 49.54 | 205.22 | Gyros |

|     |         |      |        |         |         |         |        |       |      |      |        |        |       |
|-----|---------|------|--------|---------|---------|---------|--------|-------|------|------|--------|--------|-------|
| 253 | 6400.00 | 2.18 | 190.89 | 6393.54 | -45.39  | -45.75  | -21.29 | 25.00 | 0.09 | 0.00 | 50.46  | 204.96 | Gyros |
| 254 | 6425.00 | 2.18 | 193.74 | 6418.53 | -46.32  | -46.67  | -21.49 | 25.00 | 0.43 | 0.00 | 51.38  | 204.72 | Gyros |
| 255 | 6450.00 | 2.19 | 191.81 | 6443.51 | -47.24  | -47.60  | -21.70 | 25.00 | 0.30 | 0.00 | 52.32  | 204.51 | Gyros |
| 256 | 6475.00 | 2.17 | 197.92 | 6468.49 | -48.15  | -48.52  | -21.94 | 25.00 | 0.93 | 0.00 | 53.25  | 204.34 | Gyros |
| 257 | 6500.00 | 2.23 | 190.90 | 6493.47 | -49.08  | -49.45  | -22.18 | 25.00 | 1.10 | 0.00 | 54.20  | 204.16 | Gyros |
| 258 | 6525.00 | 2.27 | 200.30 | 6518.45 | -50.02  | -50.39  | -22.45 | 25.00 | 1.48 | 0.00 | 55.16  | 204.01 | Gyros |
| 259 | 6550.00 | 2.34 | 199.08 | 6543.43 | -50.96  | -51.34  | -22.78 | 25.00 | 0.34 | 0.00 | 56.17  | 203.93 | Gyros |
| 260 | 6575.00 | 2.37 | 202.87 | 6568.41 | -51.91  | -52.30  | -23.15 | 25.00 | 0.63 | 0.00 | 57.19  | 203.88 | Gyros |
| 261 | 6600.00 | 2.44 | 205.87 | 6593.39 | -52.86  | -53.25  | -23.59 | 25.00 | 0.58 | 0.00 | 58.24  | 203.89 | Gyros |
| 262 | 6625.00 | 2.48 | 206.17 | 6618.37 | -53.81  | -54.22  | -24.06 | 25.00 | 0.17 | 0.00 | 59.31  | 203.93 | Gyros |
| 263 | 6650.00 | 2.58 | 207.09 | 6643.34 | -54.79  | -55.20  | -24.55 | 25.00 | 0.43 | 0.00 | 60.42  | 203.98 | Gyros |
| 264 | 6675.00 | 2.49 | 212.93 | 6668.32 | -55.74  | -56.16  | -25.10 | 25.00 | 1.09 | 0.00 | 61.51  | 204.08 | Gyros |
| 265 | 6700.00 | 2.49 | 213.37 | 6693.29 | -56.64  | -57.07  | -25.70 | 25.00 | 0.08 | 0.00 | 62.59  | 204.24 | Gyros |
| 266 | 6725.00 | 2.48 | 212.89 | 6718.27 | -57.54  | -57.98  | -26.29 | 25.00 | 0.09 | 0.00 | 63.66  | 204.39 | Gyros |
| 267 | 6750.00 | 2.57 | 216.94 | 6743.24 | -58.43  | -58.88  | -26.92 | 25.00 | 0.80 | 0.00 | 64.74  | 204.57 | Gyros |
| 268 | 6775.00 | 2.53 | 217.29 | 6768.22 | -59.30  | -59.77  | -27.59 | 25.00 | 0.17 | 0.00 | 65.83  | 204.78 | Gyros |
| 269 | 6800.00 | 2.34 | 206.73 | 6793.20 | -60.19  | -60.66  | -28.15 | 25.00 | 1.95 | 0.00 | 66.88  | 204.90 | Gyros |
| 270 | 6825.00 | 2.50 | 219.57 | 6818.18 | -61.06  | -61.54  | -28.73 | 25.00 | 2.26 | 0.00 | 67.91  | 205.03 | Gyros |
| 271 | 6850.00 | 2.55 | 220.28 | 6843.15 | -61.89  | -62.38  | -29.44 | 25.00 | 0.24 | 0.00 | 68.98  | 205.26 | Gyros |
| 272 | 6875.00 | 2.60 | 223.81 | 6868.13 | -62.71  | -63.21  | -30.19 | 25.00 | 0.67 | 0.00 | 70.05  | 205.53 | Gyros |
| 273 | 6900.00 | 2.90 | 228.84 | 6893.10 | -63.52  | -64.04  | -31.06 | 25.00 | 1.54 | 0.00 | 71.17  | 205.87 | Gyros |
| 274 | 6925.00 | 2.91 | 226.53 | 6918.07 | -64.36  | -64.89  | -32.00 | 25.00 | 0.47 | 0.00 | 72.35  | 206.25 | Gyros |
| 275 | 6950.00 | 2.97 | 228.88 | 6943.03 | -65.21  | -65.76  | -32.94 | 25.00 | 0.54 | 0.00 | 73.55  | 206.61 | Gyros |
| 276 | 6975.00 | 3.02 | 229.52 | 6968.00 | -66.04  | -66.61  | -33.93 | 25.00 | 0.24 | 0.00 | 74.75  | 207.00 | Gyros |
| 277 | 7000.00 | 3.09 | 229.41 | 6992.96 | -66.89  | -67.47  | -34.95 | 25.00 | 0.28 | 0.00 | 75.99  | 207.38 | Gyros |
| 278 | 7025.00 | 3.09 | 229.05 | 7017.93 | -67.76  | -68.35  | -35.97 | 25.00 | 0.08 | 0.00 | 77.24  | 207.75 | Gyros |
| 279 | 7050.00 | 3.20 | 225.57 | 7042.89 | -68.67  | -69.28  | -36.97 | 25.00 | 0.88 | 0.00 | 78.53  | 208.09 | Gyros |
| 280 | 7075.00 | 3.22 | 226.60 | 7067.85 | -69.62  | -70.26  | -37.98 | 25.00 | 0.24 | 0.00 | 79.87  | 208.40 | Gyros |
| 281 | 7100.00 | 3.24 | 225.08 | 7092.81 | -70.59  | -71.24  | -38.99 | 25.00 | 0.35 | 0.00 | 81.21  | 208.69 | Gyros |
| 282 | 7125.00 | 3.28 | 223.40 | 7117.77 | -71.59  | -72.26  | -39.98 | 25.00 | 0.41 | 0.00 | 82.58  | 208.96 | Gyros |
| 283 | 7150.00 | 3.33 | 225.05 | 7142.73 | -72.61  | -73.29  | -40.99 | 25.00 | 0.43 | 0.00 | 83.97  | 209.22 | Gyros |
| 284 | 7175.00 | 3.36 | 223.60 | 7167.69 | -73.63  | -74.33  | -42.01 | 25.00 | 0.36 | 0.00 | 85.38  | 209.47 | Gyros |
| 285 | 7200.00 | 3.34 | 224.31 | 7192.64 | -74.67  | -75.38  | -43.02 | 25.00 | 0.18 | 0.00 | 86.80  | 209.71 | Gyros |
| 286 | 7225.00 | 3.30 | 222.48 | 7217.60 | -75.70  | -76.43  | -44.02 | 25.00 | 0.45 | 0.00 | 88.20  | 209.94 | Gyros |
| 287 | 7250.00 | 3.09 | 219.58 | 7242.56 | -76.74  | -77.48  | -44.93 | 25.00 | 1.06 | 0.00 | 89.57  | 210.11 | Gyros |
| 288 | 7275.00 | 3.13 | 220.26 | 7267.52 | -77.76  | -78.52  | -45.80 | 25.00 | 0.22 | 0.00 | 90.91  | 210.25 | Gyros |
| 289 | 7300.00 | 3.19 | 218.97 | 7292.49 | -78.81  | -79.59  | -46.68 | 25.00 | 0.37 | 0.00 | 92.27  | 210.39 | Gyros |
| 290 | 7325.00 | 3.32 | 219.74 | 7317.45 | -79.89  | -80.68  | -47.58 | 25.00 | 0.55 | 0.00 | 93.67  | 210.53 | Gyros |
| 291 | 7350.00 | 3.17 | 216.09 | 7342.41 | -80.99  | -81.80  | -48.45 | 25.00 | 1.02 | 0.00 | 95.07  | 210.64 | Gyros |
| 292 | 7375.00 | 3.32 | 214.13 | 7367.37 | -82.14  | -82.96  | -49.26 | 25.00 | 0.75 | 0.00 | 96.48  | 210.70 | Gyros |
| 293 | 7400.00 | 3.33 | 213.59 | 7392.32 | -83.33  | -84.16  | -50.07 | 25.00 | 0.13 | 0.00 | 97.93  | 210.75 | Gyros |
| 294 | 7425.00 | 3.38 | 209.75 | 7417.28 | -84.56  | -85.41  | -50.84 | 25.00 | 0.92 | 0.00 | 99.39  | 210.76 | Gyros |
| 295 | 7450.00 | 3.47 | 206.94 | 7442.24 | -85.86  | -86.72  | -51.55 | 25.00 | 0.76 | 0.00 | 100.88 | 210.73 | Gyros |
| 296 | 7475.00 | 3.62 | 201.80 | 7467.19 | -87.26  | -88.13  | -52.18 | 25.00 | 1.41 | 0.00 | 102.42 | 210.63 | Gyros |
| 297 | 7500.00 | 3.76 | 197.04 | 7492.14 | -88.77  | -89.64  | -52.72 | 25.00 | 1.35 | 0.00 | 104.00 | 210.46 | Gyros |
| 298 | 7525.00 | 3.70 | 195.50 | 7517.08 | -90.32  | -91.20  | -53.17 | 25.00 | 0.47 | 0.00 | 105.57 | 210.24 | Gyros |
| 299 | 7550.00 | 3.69 | 193.10 | 7542.03 | -91.87  | -92.77  | -53.57 | 25.00 | 0.62 | 0.00 | 107.12 | 210.01 | Gyros |
| 300 | 7575.00 | 3.70 | 191.84 | 7566.98 | -93.44  | -94.34  | -53.92 | 25.00 | 0.33 | 0.00 | 108.66 | 209.75 | Gyros |
| 301 | 7600.00 | 3.65 | 193.52 | 7591.93 | -95.00  | -95.90  | -54.27 | 25.00 | 0.47 | 0.00 | 110.19 | 209.51 | Gyros |
| 302 | 7625.00 | 3.57 | 191.70 | 7616.88 | -96.53  | -97.44  | -54.61 | 25.00 | 0.56 | 0.00 | 111.70 | 209.27 | Gyros |
| 303 | 7650.00 | 3.49 | 190.57 | 7641.83 | -98.03  | -98.95  | -54.91 | 25.00 | 0.42 | 0.00 | 113.16 | 209.03 | Gyros |
| 304 | 7675.00 | 3.40 | 189.61 | 7666.79 | -99.51  | -100.43 | -55.18 | 25.00 | 0.43 | 0.00 | 114.59 | 208.78 | Gyros |
| 305 | 7700.00 | 3.35 | 186.45 | 7691.74 | -100.96 | -101.88 | -55.38 | 25.00 | 0.77 | 0.00 | 115.96 | 208.53 | Gyros |
| 306 | 7725.00 | 3.26 | 188.41 | 7716.70 | -102.39 | -103.31 | -55.57 | 25.00 | 0.58 | 0.00 | 117.31 | 208.27 | Gyros |
| 307 | 7750.00 | 3.28 | 186.42 | 7741.66 | -103.80 | -104.73 | -55.75 | 25.00 | 0.46 | 0.00 | 118.64 | 208.03 | Gyros |
| 308 | 7775.00 | 3.24 | 187.94 | 7766.62 | -105.21 | -106.14 | -55.93 | 25.00 | 0.38 | 0.00 | 119.97 | 207.79 | Gyros |
| 309 | 7800.00 | 3.32 | 187.99 | 7791.58 | -106.62 | -107.55 | -56.13 | 25.00 | 0.32 | 0.00 | 121.32 | 207.56 | Gyros |
| 310 | 7825.00 | 3.34 | 187.68 | 7816.54 | -108.05 | -108.99 | -56.32 | 25.00 | 0.11 | 0.00 | 122.69 | 207.33 | Gyros |
| 311 | 7850.00 | 3.29 | 190.04 | 7841.50 | -109.48 | -110.42 | -56.55 | 25.00 | 0.58 | 0.00 | 124.06 | 207.12 | Gyros |
| 312 | 7875.00 | 3.42 | 185.87 | 7866.45 | -110.92 | -111.87 | -56.75 | 25.00 | 1.11 | 0.00 | 125.44 | 206.90 | Gyros |
| 313 | 7900.00 | 3.39 | 185.41 | 7891.41 | -112.40 | -113.35 | -56.89 | 25.00 | 0.16 | 0.00 | 126.82 | 206.65 | Gyros |
| 314 | 7925.00 | 3.45 | 184.47 | 7916.36 | -113.88 | -114.83 | -57.02 | 25.00 | 0.33 | 0.00 | 128.21 | 206.41 | Gyros |
| 315 | 7950.00 | 3.69 | 183.82 | 7941.32 | -115.43 | -116.38 | -57.14 | 25.00 | 0.97 | 0.00 | 129.65 | 206.15 | Gyros |
| 316 | 7975.00 | 3.39 | 188.17 | 7966.27 | -116.96 | -117.92 | -57.29 | 25.00 | 1.61 | 0.00 | 131.10 | 205.91 | Gyros |
| 317 | 8000.00 | 3.38 | 184.66 | 7991.22 | -118.43 | -119.39 | -57.46 | 25.00 | 0.83 | 0.00 | 132.49 | 205.70 | Gyros |
| 318 | 8025.00 | 3.18 | 184.06 | 8016.18 | -119.85 | -120.81 | -57.57 | 25.00 | 0.81 | 0.00 | 133.83 | 205.48 | Gyros |
| 319 | 8050.00 | 3.09 | 185.94 | 8041.15 | -121.21 | -122.17 | -57.69 | 25.00 | 0.55 | 0.00 | 135.11 | 205.28 | Gyros |
| 320 | 8075.00 | 3.04 | 185.84 | 8066.11 | -122.54 | -123.50 | -57.82 | 25.00 | 0.20 | 0.00 | 136.37 | 205.09 | Gyros |

|     |         |      |        |         |         |         |        |       |      |      |        |        |       |
|-----|---------|------|--------|---------|---------|---------|--------|-------|------|------|--------|--------|-------|
| 321 | 8100.00 | 3.24 | 186.72 | 8091.07 | -123.90 | -124.86 | -57.97 | 25.00 | 0.82 | 0.00 | 137.67 | 204.91 | Gyros |
| 322 | 8125.00 | 3.16 | 183.36 | 8116.03 | -125.28 | -126.25 | -58.10 | 25.00 | 0.82 | 0.00 | 138.98 | 204.71 | Gyros |
| 323 | 8150.00 | 3.18 | 184.80 | 8141.00 | -126.66 | -127.63 | -58.20 | 25.00 | 0.33 | 0.00 | 140.27 | 204.51 | Gyros |
| 324 | 8175.00 | 3.31 | 187.10 | 8165.96 | -128.07 | -129.04 | -58.34 | 25.00 | 0.74 | 0.00 | 141.62 | 204.33 | Gyros |
| 325 | 8200.00 | 3.74 | 189.44 | 8190.91 | -129.58 | -130.56 | -58.57 | 25.00 | 1.81 | 0.00 | 143.09 | 204.16 | Gyros |
| 326 | 8225.00 | 3.83 | 190.64 | 8215.85 | -131.20 | -132.19 | -58.85 | 25.00 | 0.48 | 0.00 | 144.69 | 204.00 | Gyros |
| 327 | 8250.00 | 3.99 | 192.12 | 8240.80 | -132.87 | -133.86 | -59.19 | 25.00 | 0.76 | 0.00 | 146.36 | 203.85 | Gyros |
| 328 | 8275.00 | 4.25 | 190.80 | 8265.73 | -134.62 | -135.62 | -59.55 | 25.00 | 1.11 | 0.00 | 148.11 | 203.71 | Gyros |
| 329 | 8300.00 | 4.40 | 189.97 | 8290.66 | -136.47 | -137.47 | -59.89 | 25.00 | 0.65 | 0.00 | 149.95 | 203.54 | Gyros |
| 330 | 8325.00 | 4.39 | 190.87 | 8315.59 | -138.35 | -139.36 | -60.23 | 25.00 | 0.28 | 0.00 | 151.81 | 203.38 | Gyros |
| 331 | 8350.00 | 4.44 | 190.66 | 8340.51 | -140.23 | -141.25 | -60.59 | 25.00 | 0.21 | 0.00 | 153.69 | 203.22 | Gyros |
| 332 | 8375.00 | 4.41 | 190.53 | 8365.44 | -142.12 | -143.14 | -60.95 | 25.00 | 0.13 | 0.00 | 155.58 | 203.06 | Gyros |
| 333 | 8400.00 | 4.29 | 191.21 | 8390.37 | -143.98 | -145.00 | -61.30 | 25.00 | 0.52 | 0.00 | 157.43 | 202.92 | Gyros |
| 334 | 8425.00 | 4.23 | 190.84 | 8415.30 | -145.80 | -146.83 | -61.66 | 25.00 | 0.26 | 0.00 | 159.25 | 202.78 | Gyros |
| 335 | 8450.00 | 4.14 | 188.10 | 8440.23 | -147.59 | -148.63 | -61.96 | 25.00 | 0.88 | 0.00 | 161.02 | 202.63 | Gyros |
| 336 | 8475.00 | 4.22 | 190.02 | 8465.16 | -149.38 | -150.42 | -62.25 | 25.00 | 0.64 | 0.00 | 162.80 | 202.48 | Gyros |
| 337 | 8500.00 | 4.24 | 190.31 | 8490.09 | -151.19 | -152.24 | -62.57 | 25.00 | 0.12 | 0.00 | 164.60 | 202.34 | Gyros |
| 338 | 8525.00 | 4.26 | 189.53 | 8515.03 | -153.01 | -154.06 | -62.89 | 25.00 | 0.24 | 0.00 | 166.41 | 202.21 | Gyros |
| 339 | 8550.00 | 4.26 | 188.97 | 8539.96 | -154.84 | -155.90 | -63.19 | 25.00 | 0.17 | 0.00 | 168.22 | 202.06 | Gyros |
| 340 | 8575.00 | 4.28 | 189.48 | 8564.89 | -156.67 | -157.74 | -63.49 | 25.00 | 0.17 | 0.00 | 170.03 | 201.92 | Gyros |
| 341 | 8600.00 | 4.31 | 190.55 | 8589.82 | -158.51 | -159.58 | -63.81 | 25.00 | 0.34 | 0.00 | 171.86 | 201.80 | Gyros |
| 342 | 8625.00 | 4.42 | 189.80 | 8614.75 | -160.38 | -161.45 | -64.15 | 25.00 | 0.50 | 0.00 | 173.73 | 201.67 | Gyros |
| 343 | 8650.00 | 4.60 | 191.86 | 8639.67 | -162.30 | -163.38 | -64.52 | 25.00 | 0.97 | 0.00 | 175.66 | 201.55 | Gyros |
| 344 | 8675.00 | 4.45 | 190.46 | 8664.59 | -164.23 | -165.32 | -64.90 | 25.00 | 0.75 | 0.00 | 177.60 | 201.43 | Gyros |
| 345 | 8700.00 | 4.38 | 192.25 | 8689.52 | -166.11 | -167.20 | -65.28 | 25.00 | 0.62 | 0.00 | 179.50 | 201.33 | Gyros |
| 346 | 8725.00 | 4.27 | 194.64 | 8714.44 | -167.94 | -169.04 | -65.72 | 25.00 | 0.84 | 0.00 | 181.36 | 201.25 | Gyros |
| 347 | 8750.00 | 4.25 | 194.39 | 8739.38 | -169.73 | -170.83 | -66.18 | 25.00 | 0.11 | 0.00 | 183.21 | 201.18 | Gyros |
| 348 | 8775.00 | 4.26 | 196.00 | 8764.31 | -171.51 | -172.62 | -66.67 | 25.00 | 0.48 | 0.00 | 185.05 | 201.12 | Gyros |
| 349 | 8800.00 | 4.25 | 196.15 | 8789.24 | -173.28 | -174.41 | -67.18 | 25.00 | 0.06 | 0.00 | 186.90 | 201.07 | Gyros |
| 350 | 8825.00 | 4.08 | 196.99 | 8814.17 | -175.01 | -176.15 | -67.70 | 25.00 | 0.72 | 0.00 | 188.71 | 201.02 | Gyros |
| 351 | 8850.00 | 4.10 | 198.21 | 8839.11 | -176.70 | -177.85 | -68.24 | 25.00 | 0.36 | 0.00 | 190.49 | 200.99 | Gyros |
| 352 | 8875.00 | 4.07 | 198.56 | 8864.04 | -178.38 | -179.54 | -68.80 | 25.00 | 0.16 | 0.00 | 192.27 | 200.97 | Gyros |
| 353 | 8900.00 | 4.08 | 199.69 | 8888.98 | -180.05 | -181.22 | -69.38 | 25.00 | 0.32 | 0.00 | 194.04 | 200.95 | Gyros |
| 354 | 8925.00 | 3.97 | 199.95 | 8913.92 | -181.69 | -182.87 | -69.98 | 25.00 | 0.45 | 0.00 | 195.80 | 200.94 | Gyros |
| 355 | 8950.00 | 3.93 | 202.67 | 8938.86 | -183.29 | -184.47 | -70.60 | 25.00 | 0.77 | 0.00 | 197.52 | 200.94 | Gyros |
| 356 | 8975.00 | 3.86 | 202.19 | 8963.80 | -184.85 | -186.04 | -71.25 | 25.00 | 0.31 | 0.00 | 199.22 | 200.96 | Gyros |
| 357 | 9000.00 | 3.89 | 202.74 | 8988.75 | -186.40 | -187.60 | -71.90 | 25.00 | 0.19 | 0.00 | 200.91 | 200.97 | Gyros |
| 358 | 9025.00 | 3.95 | 202.59 | 9013.69 | -187.96 | -189.18 | -72.56 | 25.00 | 0.24 | 0.00 | 202.61 | 200.98 | Gyros |
| 359 | 9050.00 | 4.00 | 203.17 | 9038.63 | -189.55 | -190.77 | -73.23 | 25.00 | 0.26 | 0.00 | 204.35 | 201.00 | Gyros |
| 360 | 9075.00 | 3.97 | 203.87 | 9063.57 | -191.13 | -192.37 | -73.92 | 25.00 | 0.23 | 0.00 | 206.08 | 201.02 | Gyros |
| 361 | 9100.00 | 3.99 | 204.33 | 9088.51 | -192.70 | -193.95 | -74.63 | 25.00 | 0.15 | 0.00 | 207.82 | 201.05 | Gyros |
| 362 | 9125.00 | 3.96 | 204.36 | 9113.45 | -194.27 | -195.53 | -75.35 | 25.00 | 0.12 | 0.00 | 209.55 | 201.07 | Gyros |
| 363 | 9150.00 | 3.87 | 204.20 | 9138.39 | -195.81 | -197.09 | -76.05 | 25.00 | 0.36 | 0.00 | 211.25 | 201.10 | Gyros |
| 364 | 9175.00 | 3.77 | 205.84 | 9163.33 | -197.31 | -198.60 | -76.75 | 25.00 | 0.59 | 0.00 | 212.91 | 201.13 | Gyros |
| 365 | 9200.00 | 3.77 | 206.73 | 9188.28 | -198.77 | -200.07 | -77.48 | 25.00 | 0.23 | 0.00 | 214.55 | 201.17 | Gyros |
| 366 | 9225.00 | 3.68 | 206.81 | 9213.22 | -200.21 | -201.52 | -78.21 | 25.00 | 0.36 | 0.00 | 216.16 | 201.21 | Gyros |
| 367 | 9250.00 | 3.67 | 207.06 | 9238.17 | -201.63 | -202.95 | -78.94 | 25.00 | 0.08 | 0.00 | 217.76 | 201.25 | Gyros |
| 368 | 9275.00 | 3.57 | 207.68 | 9263.12 | -203.02 | -204.35 | -79.66 | 25.00 | 0.43 | 0.00 | 219.33 | 201.30 | Gyros |
| 369 | 9300.00 | 3.61 | 208.21 | 9288.07 | -204.39 | -205.73 | -80.40 | 25.00 | 0.21 | 0.00 | 220.88 | 201.34 | Gyros |
| 370 | 9325.00 | 3.63 | 207.58 | 9313.02 | -205.77 | -207.13 | -81.14 | 25.00 | 0.18 | 0.00 | 222.45 | 201.39 | Gyros |
| 371 | 9350.00 | 3.65 | 209.19 | 9337.97 | -207.15 | -208.52 | -81.89 | 25.00 | 0.42 | 0.00 | 224.03 | 201.44 | Gyros |
| 372 | 9375.00 | 3.64 | 213.19 | 9362.92 | -208.50 | -209.88 | -82.71 | 25.00 | 1.02 | 0.00 | 225.59 | 201.51 | Gyros |
| 373 | 9400.00 | 3.63 | 211.04 | 9387.87 | -209.83 | -211.23 | -83.56 | 25.00 | 0.55 | 0.00 | 227.15 | 201.58 | Gyros |
| 374 | 9425.00 | 3.55 | 209.67 | 9412.82 | -211.16 | -212.58 | -84.35 | 25.00 | 0.47 | 0.00 | 228.70 | 201.64 | Gyros |
| 375 | 9450.00 | 3.42 | 207.72 | 9437.78 | -212.48 | -213.91 | -85.08 | 25.00 | 0.70 | 0.00 | 230.21 | 201.69 | Gyros |
| 376 | 9475.00 | 3.52 | 208.58 | 9462.73 | -213.81 | -215.24 | -85.79 | 25.00 | 0.45 | 0.00 | 231.71 | 201.73 | Gyros |
| 377 | 9500.00 | 3.44 | 208.93 | 9487.69 | -215.12 | -216.57 | -86.52 | 25.00 | 0.33 | 0.00 | 233.22 | 201.78 | Gyros |
| 378 | 9525.00 | 3.45 | 209.64 | 9512.64 | -216.42 | -217.88 | -87.26 | 25.00 | 0.18 | 0.00 | 234.71 | 201.82 | Gyros |
| 379 | 9550.00 | 3.54 | 208.54 | 9537.59 | -217.74 | -219.21 | -88.00 | 25.00 | 0.45 | 0.00 | 236.22 | 201.87 | Gyros |
| 380 | 9575.00 | 3.64 | 208.10 | 9562.55 | -219.11 | -220.59 | -88.74 | 25.00 | 0.41 | 0.00 | 237.77 | 201.91 | Gyros |
| 381 | 9600.00 | 3.72 | 207.30 | 9587.49 | -220.52 | -222.01 | -89.48 | 25.00 | 0.38 | 0.00 | 239.37 | 201.95 | Gyros |
| 382 | 9625.00 | 3.74 | 206.78 | 9612.44 | -221.95 | -223.46 | -90.22 | 25.00 | 0.16 | 0.00 | 240.99 | 201.99 | Gyros |
| 383 | 9650.00 | 3.75 | 207.74 | 9637.39 | -223.39 | -224.91 | -90.97 | 25.00 | 0.25 | 0.00 | 242.61 | 202.02 | Gyros |
| 384 | 9675.00 | 3.66 | 208.56 | 9662.34 | -224.80 | -226.34 | -91.73 | 25.00 | 0.42 | 0.00 | 244.22 | 202.06 | Gyros |
| 385 | 9700.00 | 3.78 | 220.31 | 9687.28 | -226.12 | -227.67 | -92.65 | 25.00 | 3.08 | 0.00 | 245.80 | 202.14 | Gyros |
| 386 | 9725.00 | 3.76 | 207.37 | 9712.23 | -227.46 | -229.02 | -93.56 | 25.00 | 3.40 | 0.00 | 247.40 | 202.22 | Gyros |
| 387 | 9750.00 | 3.45 | 206.48 | 9737.18 | -228.85 | -230.43 | -94.27 | 25.00 | 1.26 | 0.00 | 248.96 | 202.25 | Gyros |
| 388 | 9775.00 | 3.44 | 206.52 | 9762.13 | -230.18 | -231.77 | -94.94 | 25.00 | 0.04 | 0.00 | 250.46 | 202.28 | Gyros |

|     |          |       |        |          |         |         |         |        |       |        |         |        |            |
|-----|----------|-------|--------|----------|---------|---------|---------|--------|-------|--------|---------|--------|------------|
| 389 | 9800.00  | 3.41  | 205.21 | 9787.09  | -231.51 | -233.11 | -95.59  | 25.00  | 0.34  | 0.00   | 251.95  | 202.30 | Gyros      |
| 390 | 9825.00  | 3.51  | 203.29 | 9812.04  | -232.88 | -234.49 | -96.21  | 25.00  | 0.61  | 0.00   | 253.46  | 202.31 | Gyros      |
| 391 | 9850.00  | 3.53  | 201.15 | 9837.00  | -234.29 | -235.91 | -96.79  | 25.00  | 0.53  | 0.00   | 254.99  | 202.31 | Gyros      |
| 392 | 9875.00  | 3.55  | 197.75 | 9861.95  | -235.74 | -237.36 | -97.31  | 25.00  | 0.84  | 0.00   | 256.54  | 202.29 | Gyros      |
| 393 | 9900.00  | 3.70  | 194.03 | 9886.90  | -237.25 | -238.88 | -97.74  | 25.00  | 1.12  | 0.00   | 258.11  | 202.25 | Gyros      |
| 394 | 9925.00  | 3.89  | 191.96 | 9911.84  | -238.85 | -240.50 | -98.11  | 25.00  | 0.94  | 0.00   | 259.74  | 202.19 | Gyros      |
| 395 | 9950.00  | 3.50  | 186.40 | 9936.79  | -240.44 | -242.08 | -98.37  | 25.00  | 2.12  | 0.00   | 261.31  | 202.11 | Gyros      |
| 396 | 9975.00  | 4.66  | 195.95 | 9961.73  | -242.17 | -243.82 | -98.73  | 25.00  | 5.36  | 0.00   | 263.05  | 202.05 | Gyros      |
| 397 | 9995.00  | 3.95  | 186.61 | 9981.67  | -243.63 | -245.28 | -99.04  | 20.00  | 4.98  | 0.00   | 264.52  | 201.99 | Gyros      |
| 398 | 10182.00 | 3.29  | 193.58 | 10168.30 | -255.21 | -256.90 | -101.04 | 187.00 | 0.42  | 148.47 | 276.05  | 201.47 | MWD Run 9  |
| 399 | 10245.00 | 1.70  | 203.04 | 10231.24 | -257.81 | -259.52 | -101.83 | 63.00  | 2.60  | 152.00 | 278.78  | 201.42 | MWD Run 10 |
| 400 | 10276.00 | 1.83  | 30.12  | 10262.23 | -257.81 | -259.51 | -101.76 | 31.00  | 11.37 | 153.76 | 278.75  | 201.41 | MWD Run 10 |
| 401 | 10308.00 | 6.30  | 13.30  | 10294.15 | -255.67 | -257.36 | -101.10 | 32.00  | 14.31 | 157.29 | 276.50  | 201.45 | MWD Run 10 |
| 402 | 10338.00 | 9.83  | 358.00 | 10323.85 | -251.51 | -253.20 | -100.81 | 30.00  | 13.67 | 159.06 | 272.53  | 201.71 | MWD Run 10 |
| 403 | 10370.00 | 12.28 | 355.23 | 10355.25 | -245.38 | -247.07 | -101.19 | 32.00  | 7.83  | 160.82 | 266.99  | 202.27 | MWD Run 10 |
| 404 | 10401.00 | 16.80 | 358.17 | 10385.25 | -237.61 | -239.31 | -101.60 | 31.00  | 14.77 | 164.35 | 259.98  | 203.01 | MWD Run 10 |
| 405 | 10432.00 | 18.48 | 359.11 | 10414.79 | -228.21 | -229.92 | -101.82 | 31.00  | 5.50  | 166.12 | 251.46  | 203.89 | MWD Run 10 |
| 406 | 10464.00 | 21.14 | 358.39 | 10444.90 | -217.37 | -219.08 | -102.07 | 32.00  | 8.35  | 167.88 | 241.68  | 204.98 | MWD Run 10 |
| 407 | 10495.00 | 23.87 | 357.84 | 10473.53 | -205.51 | -207.22 | -102.46 | 31.00  | 8.83  | 169.65 | 231.16  | 206.31 | MWD Run 10 |
| 408 | 10526.00 | 28.46 | 356.47 | 10501.35 | -191.85 | -193.57 | -103.15 | 31.00  | 14.93 | 169.65 | 219.34  | 208.05 | MWD Run 10 |
| 409 | 10558.00 | 29.62 | 357.81 | 10529.33 | -176.33 | -178.06 | -103.92 | 32.00  | 4.16  | 171.41 | 206.16  | 210.27 | MWD Run 10 |
| 410 | 10588.00 | 32.95 | 358.91 | 10554.96 | -160.75 | -162.49 | -104.36 | 30.00  | 11.26 | 171.41 | 193.11  | 212.71 | MWD Run 10 |
| 411 | 10620.00 | 35.22 | 0.01   | 10581.46 | -142.82 | -144.56 | -104.52 | 32.00  | 7.35  | 173.18 | 178.39  | 215.87 | MWD Run 10 |
| 412 | 10651.00 | 40.27 | 2.29   | 10605.97 | -123.87 | -125.59 | -104.12 | 31.00  | 16.90 | 174.94 | 163.14  | 219.66 | MWD Run 10 |
| 413 | 10682.00 | 45.07 | 4.43   | 10628.76 | -102.93 | -104.63 | -102.87 | 31.00  | 16.17 | 174.94 | 146.73  | 224.52 | MWD Run 10 |
| 414 | 10714.00 | 47.62 | 2.91   | 10650.84 | -79.85  | -81.53  | -101.40 | 32.00  | 8.68  | 176.71 | 130.11  | 231.20 | MWD Run 10 |
| 415 | 10746.00 | 49.92 | 0.95   | 10671.93 | -55.82  | -57.48  | -100.60 | 32.00  | 8.54  | 173.18 | 115.86  | 240.26 | MWD Run 10 |
| 416 | 10777.00 | 52.26 | 359.46 | 10691.41 | -31.70  | -33.36  | -100.51 | 31.00  | 8.42  | 173.18 | 105.90  | 251.64 | MWD Run 10 |
| 417 | 10809.00 | 54.78 | 358.19 | 10710.43 | -5.98   | -7.64   | -101.05 | 32.00  | 8.50  | 174.94 | 101.33  | 265.68 | MWD Run 10 |
| 418 | 10839.00 | 56.17 | 357.49 | 10727.43 | 18.73   | 17.06   | -101.98 | 30.00  | 5.02  | 176.71 | 103.40  | 279.50 | MWD Run 10 |
| 419 | 10871.00 | 57.98 | 358.16 | 10744.83 | 45.59   | 43.90   | -103.00 | 32.00  | 5.92  | 178.47 | 111.96  | 293.09 | MWD Run 10 |
| 420 | 10902.00 | 61.20 | 357.06 | 10760.52 | 72.31   | 70.61   | -104.12 | 31.00  | 10.83 | 178.47 | 125.80  | 304.14 | MWD Run 10 |
| 421 | 10934.00 | 65.35 | 356.73 | 10774.90 | 100.86  | 99.14   | -105.66 | 32.00  | 13.00 | 176.71 | 144.89  | 313.18 | MWD Run 10 |
| 422 | 10965.00 | 69.37 | 357.99 | 10786.83 | 129.46  | 127.72  | -106.98 | 31.00  | 13.50 | 178.47 | 166.60  | 320.05 | MWD Run 10 |
| 423 | 10997.00 | 73.35 | 358.14 | 10797.06 | 159.77  | 158.02  | -108.00 | 32.00  | 12.45 | 178.47 | 191.40  | 325.65 | MWD Run 10 |
| 424 | 11034.00 | 77.81 | 358.60 | 10806.27 | 195.59  | 193.83  | -109.02 | 37.00  | 12.11 | 166.12 | 222.38  | 330.64 | MWD Run 11 |
| 425 | 11065.00 | 80.29 | 357.99 | 10812.16 | 226.02  | 224.25  | -109.92 | 31.00  | 8.23  | 169.65 | 249.74  | 333.89 | MWD Run 11 |
| 426 | 11127.00 | 81.96 | 358.09 | 10821.72 | 287.26  | 285.47  | -112.02 | 62.00  | 2.70  | 171.41 | 306.66  | 338.57 | MWD Run 11 |
| 427 | 11159.00 | 81.79 | 358.29 | 10826.25 | 318.94  | 317.13  | -113.02 | 32.00  | 0.82  | 174.94 | 336.67  | 340.38 | MWD Run 11 |
| 428 | 11204.00 | 84.67 | 0.40   | 10831.55 | 363.62  | 361.80  | -113.53 | 45.00  | 7.91  | 176.71 | 379.20  | 342.58 | MWD Run 11 |
| 429 | 11252.00 | 87.48 | 2.45   | 10834.84 | 411.46  | 409.67  | -112.34 | 48.00  | 7.24  | 178.47 | 424.79  | 344.67 | MWD Run 11 |
| 430 | 11346.00 | 88.80 | 1.51   | 10837.89 | 505.28  | 503.56  | -109.09 | 94.00  | 1.72  | 183.76 | 515.24  | 347.78 | MWD Run 11 |
| 431 | 11440.00 | 88.82 | 2.08   | 10839.84 | 599.16  | 597.49  | -106.15 | 94.00  | 0.61  | 187.29 | 606.85  | 349.93 | MWD Run 11 |
| 432 | 11535.00 | 88.49 | 2.59   | 10842.07 | 693.97  | 692.39  | -102.28 | 95.00  | 0.64  | 190.82 | 699.90  | 351.60 | MWD Run 11 |
| 433 | 11629.00 | 88.54 | 2.07   | 10844.51 | 787.79  | 786.28  | -98.46  | 94.00  | 0.56  | 190.82 | 792.42  | 352.86 | MWD Run 11 |
| 434 | 11724.00 | 87.79 | 1.31   | 10847.55 | 882.64  | 881.19  | -95.66  | 95.00  | 1.12  | 190.82 | 886.36  | 353.80 | MWD Run 11 |
| 435 | 11817.00 | 92.49 | 359.66 | 10847.32 | 975.58  | 974.15  | -94.87  | 93.00  | 5.36  | 192.59 | 978.76  | 354.44 | MWD Run 11 |
| 436 | 11911.00 | 91.74 | 358.34 | 10843.85 | 1069.51 | 1068.07 | -96.51  | 94.00  | 1.61  | 194.35 | 1072.42 | 354.84 | MWD Run 11 |
| 437 | 12006.00 | 92.47 | 357.92 | 10840.36 | 1164.44 | 1162.96 | -99.61  | 95.00  | 0.89  | 196.12 | 1167.22 | 355.10 | MWD Run 11 |
| 438 | 12099.00 | 91.46 | 357.19 | 10837.17 | 1257.35 | 1255.82 | -103.57 | 93.00  | 1.34  | 194.35 | 1260.08 | 355.29 | MWD Run 11 |
| 439 | 12194.00 | 90.08 | 355.80 | 10835.90 | 1352.24 | 1350.63 | -109.38 | 95.00  | 2.06  | 197.88 | 1355.05 | 355.37 | MWD Run 11 |
| 440 | 12288.00 | 91.46 | 358.00 | 10834.63 | 1446.16 | 1444.47 | -114.46 | 94.00  | 2.76  | 197.88 | 1449.00 | 355.47 | MWD Run 11 |
| 441 | 12382.00 | 92.89 | 358.05 | 10831.07 | 1540.07 | 1538.35 | -117.70 | 94.00  | 1.52  | 203.18 | 1542.84 | 355.62 | MWD Run 11 |
| 442 | 12475.00 | 93.19 | 358.64 | 10826.13 | 1632.93 | 1631.18 | -120.38 | 93.00  | 0.71  | 199.65 | 1635.61 | 355.78 | MWD Run 11 |
| 443 | 12569.00 | 89.89 | 0.82   | 10823.61 | 1726.87 | 1725.12 | -120.82 | 94.00  | 4.21  | 199.65 | 1729.35 | 355.99 | MWD Run 11 |
| 444 | 12663.00 | 90.39 | 0.13   | 10823.38 | 1820.84 | 1819.12 | -120.04 | 94.00  | 0.91  | 201.41 | 1823.07 | 356.22 | MWD Run 11 |
| 445 | 12756.00 | 87.98 | 2.15   | 10824.70 | 1913.76 | 1912.08 | -118.19 | 93.00  | 3.38  | 203.18 | 1915.73 | 356.46 | MWD Run 11 |
| 446 | 12850.00 | 88.04 | 3.04   | 10827.97 | 2007.52 | 2005.92 | -113.94 | 94.00  | 0.95  | 203.18 | 2009.16 | 356.75 | MWD Run 11 |
| 447 | 12944.00 | 89.75 | 3.84   | 10829.78 | 2101.23 | 2099.73 | -108.30 | 94.00  | 2.01  | 204.94 | 2102.52 | 357.05 | MWD Run 11 |
| 448 | 13038.00 | 90.00 | 3.28   | 10829.98 | 2194.94 | 2193.55 | -102.47 | 94.00  | 0.65  | 201.41 | 2195.94 | 357.33 | MWD Run 11 |
| 449 | 13132.00 | 90.92 | 2.85   | 10829.23 | 2288.70 | 2287.41 | -97.44  | 94.00  | 1.08  | 203.18 | 2289.49 | 357.56 | MWD Run 11 |
| 450 | 13223.00 | 90.34 | 2.01   | 10828.23 | 2379.54 | 2378.32 | -93.58  | 91.00  | 1.12  | 199.65 | 2380.16 | 357.75 | MWD Run 11 |
| 451 | 13318.00 | 91.18 | 1.93   | 10826.97 | 2474.41 | 2473.26 | -90.32  | 95.00  | 0.89  | 203.18 | 2474.91 | 357.91 | MWD Run 11 |
| 452 | 13413.00 | 91.90 | 2.34   | 10824.41 | 2569.24 | 2568.16 | -86.78  | 95.00  | 0.87  | 197.88 | 2569.62 | 358.06 | MWD Run 11 |
| 453 | 13507.00 | 89.83 | 1.85   | 10822.99 | 2663.09 | 2662.08 | -83.34  | 94.00  | 2.26  | 196.12 | 2663.38 | 358.21 | MWD Run 11 |
| 454 | 13601.00 | 88.80 | 359.78 | 10824.12 | 2757.03 | 2756.06 | -82.01  | 94.00  | 2.46  | 178.47 | 2757.28 | 358.30 | MWD Run 12 |
| 455 | 13696.00 | 88.43 | 0.18   | 10826.41 | 2851.99 | 2851.03 | -82.04  | 95.00  | 0.57  | 183.76 | 2852.21 | 358.35 | MWD Run 12 |
| 456 | 13790.00 | 89.05 | 357.75 | 10828.48 | 2945.96 | 2944.98 | -83.74  | 94.00  | 2.67  | 187.29 | 2946.17 | 358.37 | MWD Run 12 |

|     |          |       |        |          |         |         |         |       |      |        |         |        |            |
|-----|----------|-------|--------|----------|---------|---------|---------|-------|------|--------|---------|--------|------------|
| 457 | 13885.00 | 88.77 | 356.46 | 10830.29 | 3040.89 | 3039.84 | -88.53  | 95.00 | 1.39 | 189.06 | 3041.13 | 358.33 | MWD Run 12 |
| 458 | 13980.00 | 89.89 | 356.81 | 10831.40 | 3135.79 | 3134.67 | -94.11  | 95.00 | 1.24 | 190.82 | 3136.08 | 358.28 | MWD Run 12 |
| 459 | 14074.00 | 91.15 | 356.06 | 10830.55 | 3229.69 | 3228.48 | -99.95  | 94.00 | 1.56 | 194.35 | 3230.03 | 358.23 | MWD Run 12 |
| 460 | 14169.00 | 92.24 | 356.71 | 10827.74 | 3324.54 | 3323.25 | -105.94 | 95.00 | 1.34 | 194.35 | 3324.94 | 358.17 | MWD Run 12 |
| 461 | 14264.00 | 92.38 | 356.64 | 10823.91 | 3419.38 | 3418.01 | -111.45 | 95.00 | 0.16 | 197.88 | 3419.83 | 358.13 | MWD Run 12 |
| 462 | 14358.00 | 92.57 | 356.03 | 10819.85 | 3513.19 | 3511.73 | -117.45 | 94.00 | 0.68 | 199.65 | 3513.70 | 358.08 | MWD Run 12 |
| 463 | 14451.00 | 92.58 | 355.78 | 10815.67 | 3605.95 | 3604.40 | -124.08 | 93.00 | 0.27 | 199.65 | 3606.54 | 358.03 | MWD Run 12 |
| 464 | 14546.00 | 92.77 | 355.20 | 10811.23 | 3700.66 | 3699.00 | -131.55 | 95.00 | 0.64 | 199.65 | 3701.34 | 357.96 | MWD Run 12 |
| 465 | 14641.00 | 90.67 | 356.20 | 10808.38 | 3795.45 | 3793.69 | -138.66 | 95.00 | 2.45 | 199.65 | 3796.22 | 357.91 | MWD Run 12 |
| 466 | 14735.00 | 89.75 | 359.58 | 10808.04 | 3889.42 | 3887.61 | -142.13 | 94.00 | 3.73 | 201.41 | 3890.20 | 357.91 | MWD Run 12 |
| 467 | 14829.00 | 88.32 | 359.85 | 10809.62 | 3983.39 | 3981.59 | -142.59 | 94.00 | 1.55 | 203.18 | 3984.14 | 357.95 | MWD Run 12 |
| 468 | 14924.00 | 88.04 | 0.53   | 10812.64 | 4078.33 | 4076.54 | -142.28 | 95.00 | 0.77 | 204.94 | 4079.02 | 358.00 | MWD Run 12 |
| 469 | 15017.00 | 88.29 | 1.27   | 10815.62 | 4171.23 | 4169.48 | -140.82 | 93.00 | 0.84 | 206.71 | 4171.86 | 358.07 | MWD Run 12 |
| 470 | 15111.00 | 87.98 | 1.66   | 10818.68 | 4265.10 | 4263.40 | -138.42 | 94.00 | 0.53 | 199.65 | 4265.65 | 358.14 | MWD Run 12 |
| 471 | 15205.00 | 88.77 | 2.77   | 10821.34 | 4358.92 | 4357.29 | -134.78 | 94.00 | 1.45 | 201.41 | 4359.37 | 358.23 | MWD Run 12 |
| 472 | 15300.00 | 88.32 | 3.36   | 10823.75 | 4453.65 | 4452.12 | -129.71 | 95.00 | 0.78 | 204.94 | 4454.01 | 358.33 | MWD Run 12 |
| 473 | 15394.00 | 89.55 | 2.65   | 10825.50 | 4547.41 | 4545.98 | -124.78 | 94.00 | 1.51 | 206.71 | 4547.69 | 358.43 | MWD Run 12 |
| 474 | 15488.00 | 90.90 | 359.74 | 10825.13 | 4641.33 | 4639.94 | -122.82 | 94.00 | 3.41 | 206.71 | 4641.57 | 358.48 | MWD Run 12 |
| 475 | 15583.00 | 92.07 | 357.73 | 10822.67 | 4736.29 | 4734.88 | -124.92 | 95.00 | 2.45 | 210.24 | 4736.53 | 358.49 | MWD Run 12 |
| 476 | 15677.00 | 91.62 | 358.27 | 10819.64 | 4830.23 | 4828.77 | -128.19 | 94.00 | 0.75 | 210.24 | 4830.48 | 358.48 | MWD Run 12 |
| 477 | 15771.00 | 91.60 | 359.53 | 10817.00 | 4924.19 | 4922.72 | -130.00 | 94.00 | 1.34 | 212.00 | 4924.43 | 358.49 | MWD Run 12 |
| 478 | 15866.00 | 91.34 | 358.98 | 10814.57 | 5019.16 | 5017.68 | -131.23 | 95.00 | 0.64 | 212.00 | 5019.39 | 358.50 | MWD Run 12 |
| 479 | 15960.00 | 91.37 | 359.66 | 10812.34 | 5113.13 | 5111.64 | -132.35 | 94.00 | 0.72 | 210.24 | 5113.36 | 358.52 | MWD Run 12 |
| 480 | 16055.00 | 91.54 | 359.82 | 10809.93 | 5208.09 | 5206.61 | -132.78 | 95.00 | 0.25 | 206.71 | 5208.31 | 358.54 | MWD Run 12 |
| 481 | 16149.00 | 89.22 | 359.66 | 10809.31 | 5302.08 | 5300.60 | -133.21 | 94.00 | 2.47 | 210.24 | 5302.28 | 358.56 | MWD Run 12 |
| 482 | 16244.00 | 88.46 | 359.03 | 10811.23 | 5397.05 | 5395.58 | -134.29 | 95.00 | 1.04 | 192.59 | 5397.25 | 358.57 | MWD Run 13 |
| 483 | 16337.00 | 88.77 | 358.62 | 10813.48 | 5490.02 | 5488.53 | -136.20 | 93.00 | 0.55 | 185.53 | 5490.22 | 358.58 | MWD Run 14 |
| 484 | 16431.00 | 89.10 | 358.21 | 10815.23 | 5584.00 | 5582.48 | -138.80 | 94.00 | 0.56 | 190.82 | 5584.20 | 358.58 | MWD Run 14 |
| 485 | 16525.00 | 89.24 | 357.92 | 10816.59 | 5677.98 | 5676.41 | -141.97 | 94.00 | 0.34 | 194.35 | 5678.19 | 358.57 | MWD Run 14 |
| 486 | 16619.00 | 89.36 | 357.24 | 10817.74 | 5771.94 | 5770.32 | -145.94 | 94.00 | 0.73 | 199.65 | 5772.17 | 358.55 | MWD Run 14 |
| 487 | 16712.00 | 90.03 | 356.57 | 10818.23 | 5864.87 | 5863.18 | -150.96 | 93.00 | 1.02 | 199.65 | 5865.13 | 358.53 | MWD Run 14 |
| 488 | 16806.00 | 91.62 | 358.34 | 10816.88 | 5958.82 | 5957.07 | -155.13 | 94.00 | 2.53 | 201.41 | 5959.09 | 358.51 | MWD Run 14 |
| 489 | 16899.00 | 92.69 | 359.45 | 10813.38 | 6051.75 | 6049.99 | -156.93 | 93.00 | 1.66 | 204.94 | 6052.02 | 358.51 | MWD Run 14 |
| 490 | 16993.00 | 92.86 | 359.36 | 10808.83 | 6145.64 | 6143.87 | -157.90 | 94.00 | 0.20 | 206.71 | 6145.90 | 358.53 | MWD Run 14 |
| 491 | 17088.00 | 91.85 | 0.42   | 10804.93 | 6240.54 | 6238.79 | -158.08 | 95.00 | 1.54 | 206.71 | 6240.79 | 358.55 | MWD Run 14 |
| 492 | 17181.00 | 90.62 | 0.86   | 10802.92 | 6333.49 | 6331.76 | -157.05 | 93.00 | 1.40 | 208.47 | 6333.71 | 358.58 | MWD Run 14 |
| 493 | 17275.00 | 90.95 | 0.92   | 10801.63 | 6427.43 | 6425.74 | -155.59 | 94.00 | 0.36 | 204.94 | 6427.62 | 358.61 | MWD Run 14 |
| 494 | 17369.00 | 94.01 | 2.42   | 10797.57 | 6521.23 | 6519.60 | -152.85 | 94.00 | 3.62 | 199.65 | 6521.39 | 358.66 | MWD Run 14 |
| 495 | 17462.00 | 93.00 | 1.86   | 10791.88 | 6613.92 | 6612.36 | -149.38 | 93.00 | 1.24 | 206.71 | 6614.05 | 358.71 | MWD Run 14 |
| 496 | 17534.00 | 89.83 | 0.98   | 10790.10 | 6685.83 | 6684.30 | -147.60 | 72.00 | 4.57 | 196.12 | 6685.93 | 358.74 | MWD Run 15 |
| 497 | 17628.00 | 88.24 | 0.93   | 10791.69 | 6779.76 | 6778.28 | -146.03 | 94.00 | 1.69 | 199.65 | 6779.85 | 358.77 | MWD Run 15 |
| 498 | 17721.00 | 88.07 | 0.98   | 10794.68 | 6872.66 | 6871.21 | -144.49 | 93.00 | 0.19 | 203.18 | 6872.73 | 358.80 | MWD Run 15 |
| 499 | 17814.00 | 88.15 | 0.66   | 10797.75 | 6965.57 | 6964.15 | -143.16 | 93.00 | 0.35 | 204.94 | 6965.62 | 358.82 | MWD Run 15 |
| 500 | 17908.00 | 88.29 | 1.37   | 10800.67 | 7059.46 | 7058.09 | -141.49 | 94.00 | 0.77 | 208.47 | 7059.51 | 358.85 | MWD Run 15 |
| 501 | 18003.00 | 88.01 | 1.49   | 10803.73 | 7154.33 | 7153.01 | -139.12 | 95.00 | 0.32 | 208.47 | 7154.37 | 358.89 | MWD Run 15 |
| 502 | 18098.00 | 87.53 | 0.46   | 10807.43 | 7249.21 | 7247.93 | -137.51 | 95.00 | 1.20 | 212.00 | 7249.23 | 358.91 | MWD Run 15 |
| 503 | 18192.00 | 88.24 | 359.37 | 10810.90 | 7343.13 | 7341.86 | -137.65 | 94.00 | 1.38 | 210.24 | 7343.15 | 358.93 | MWD Run 15 |
| 504 | 18287.00 | 88.60 | 358.31 | 10813.52 | 7438.09 | 7436.80 | -139.57 | 95.00 | 1.18 | 213.76 | 7438.11 | 358.92 | MWD Run 15 |
| 505 | 18380.00 | 90.14 | 358.45 | 10814.54 | 7531.08 | 7529.76 | -142.20 | 93.00 | 1.66 | 215.53 | 7531.10 | 358.92 | MWD Run 15 |
| 506 | 18475.00 | 90.20 | 358.23 | 10814.26 | 7626.07 | 7624.72 | -144.95 | 95.00 | 0.24 | 217.29 | 7626.10 | 358.91 | MWD Run 15 |
| 507 | 18569.00 | 90.14 | 359.04 | 10813.98 | 7720.07 | 7718.69 | -147.19 | 94.00 | 0.86 | 210.24 | 7720.09 | 358.91 | MWD Run 15 |
| 508 | 18663.00 | 90.00 | 359.79 | 10813.87 | 7814.06 | 7812.68 | -148.15 | 94.00 | 0.81 | 217.29 | 7814.09 | 358.91 | MWD Run 15 |
| 509 | 18758.00 | 90.00 | 359.17 | 10813.87 | 7909.06 | 7907.68 | -149.01 | 95.00 | 0.65 | 217.29 | 7909.08 | 358.92 | MWD Run 15 |
| 510 | 18851.00 | 89.94 | 359.30 | 10813.91 | 8002.06 | 8000.67 | -150.25 | 93.00 | 0.15 | 217.29 | 8002.08 | 358.92 | MWD Run 15 |
| 511 | 18945.00 | 89.38 | 357.48 | 10814.47 | 8096.05 | 8094.63 | -152.89 | 94.00 | 2.03 | 212.00 | 8096.07 | 358.92 | MWD Run 15 |
| 512 | 19038.00 | 91.15 | 357.76 | 10814.04 | 8189.01 | 8187.54 | -156.75 | 93.00 | 1.93 | 215.53 | 8189.04 | 358.90 | MWD Run 15 |
| 513 | 19133.00 | 92.27 | 358.33 | 10811.21 | 8283.95 | 8282.44 | -159.99 | 95.00 | 1.32 | 215.53 | 8283.99 | 358.89 | MWD Run 15 |
| 514 | 19227.00 | 90.59 | 358.49 | 10808.86 | 8377.91 | 8376.37 | -162.60 | 94.00 | 1.80 | 215.53 | 8377.95 | 358.89 | MWD Run 15 |
| 515 | 19321.00 | 89.97 | 359.81 | 10808.40 | 8471.91 | 8470.36 | -164.00 | 94.00 | 1.55 | 217.29 | 8471.95 | 358.89 | MWD Run 15 |
| 516 | 19414.00 | 90.17 | 0.97   | 10808.29 | 8564.88 | 8563.36 | -163.36 | 93.00 | 1.27 | 213.76 | 8564.91 | 358.91 | MWD Run 15 |
| 517 | 19509.00 | 90.03 | 2.99   | 10808.12 | 8659.76 | 8658.30 | -160.08 | 95.00 | 2.13 | 217.29 | 8659.77 | 358.94 | MWD Run 15 |
| 518 | 19603.00 | 89.92 | 1.18   | 10808.16 | 8753.62 | 8752.23 | -156.66 | 94.00 | 1.93 | 210.24 | 8753.63 | 358.97 | MWD Run 15 |
| 519 | 19697.00 | 92.97 | 1.20   | 10805.79 | 8847.52 | 8846.17 | -154.71 | 94.00 | 3.24 | 215.53 | 8847.52 | 359.00 | MWD Run 15 |
| 520 | 19792.00 | 91.04 | 0.99   | 10802.47 | 8942.39 | 8941.09 | -152.90 | 95.00 | 2.04 | 215.53 | 8942.39 | 359.02 | MWD Run 15 |
| 521 | 19885.00 | 91.20 | 0.99   | 10800.65 | 9035.32 | 9034.06 | -151.29 | 93.00 | 0.17 | 217.29 | 9035.32 | 359.04 | MWD Run 15 |
| 522 | 19980.00 | 91.04 | 359.83 | 10798.80 | 9130.28 | 9129.03 | -150.61 | 95.00 | 1.23 | 219.06 | 9130.28 | 359.05 | MWD Run 15 |
| 523 | 20074.00 | 91.09 | 1.06   | 10797.05 | 9224.23 | 9223.01 | -149.88 | 94.00 | 1.31 | 215.53 | 9224.23 | 359.07 | MWD Run 15 |
| 524 | 20168.00 | 88.04 | 359.92 | 10797.76 | 9318.19 | 9316.99 | -149.08 | 94.00 | 3.46 | 220.82 | 9318.19 | 359.08 | MWD Run 15 |

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| 525 | 20262.00 | 92.83 | 1.86 | 10797.05 | 9412.10  | 9410.95  | -147.62 | 94.00 | 5.50 | 220.82 | 9412.11  | 359.10 | MWD Run 15 |
| 526 | 20356.00 | 92.89 | 2.22 | 10792.36 | 9505.86  | 9504.77  | -144.27 | 94.00 | 0.39 | 219.06 | 9505.87  | 359.13 | MWD Run 15 |
| 527 | 20449.00 | 91.99 | 1.26 | 10788.40 | 9598.67  | 9597.64  | -141.45 | 93.00 | 1.41 | 220.82 | 9598.68  | 359.16 | MWD Run 15 |
| 528 | 20543.00 | 91.65 | 1.19 | 10785.41 | 9692.56  | 9691.57  | -139.44 | 94.00 | 0.37 | 220.82 | 9692.58  | 359.18 | MWD Run 15 |
| 529 | 20635.00 | 91.32 | 1.45 | 10783.03 | 9784.45  | 9783.52  | -137.33 | 92.00 | 0.46 | 220.82 | 9784.48  | 359.20 | MWD Run 15 |
| 530 | 20729.00 | 92.07 | 2.45 | 10780.25 | 9878.29  | 9877.42  | -134.13 | 94.00 | 1.33 | 220.82 | 9878.33  | 359.22 | MWD Run 15 |
| 531 | 20824.00 | 92.46 | 3.30 | 10776.49 | 9973.01  | 9972.23  | -129.37 | 95.00 | 0.98 | 220.82 | 9973.06  | 359.26 | MWD Run 15 |
| 532 | 20917.00 | 91.43 | 2.65 | 10773.34 | 10065.73 | 10065.04 | -124.54 | 93.00 | 1.31 | 217.29 | 10065.82 | 359.29 | MWD Run 15 |
| 533 | 21011.00 | 90.48 | 2.23 | 10771.77 | 10159.56 | 10158.95 | -120.54 | 94.00 | 1.10 | 220.82 | 10159.66 | 359.32 | MWD Run 15 |
| 534 | 21101.00 | 90.48 | 2.23 | 10771.02 | 10249.41 | 10248.87 | -117.04 | 90.00 | 0.00 | 0.00   | 10249.54 | 359.35 | MWD Run 15 |

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