

Results of Directional Survey

API number:	30-025-40934		
OGRID:		Operator:	GMT EXPLORATION COMPANY LLC
		Property:	MERCHANT LIVESTOCK STATE COM 24 # 1H

surface	ULSTR:	M	24	T 22S	R 34E
				20 FSL	380 FWL

BH Loc	ULSTR:	D	24	T 22S	R 34E
15892	MD	11176.0	TVD	391 FNL	356 FWL
				4889 FSL	

Top Perf/OH	ULSTR:	M	24	T 22S	R 34E
11696	MD	11269.8	TVD	696 FSL	406 FWL

Bot Perf/OH	ULSTR:	D	24	T 22S	R 34E
15788	MD	11179.5	TVD	495 FNL	359 FWL
				4785 FSL	

	MD	N/S	E/W	VD
	11690	669.89	26.78	11270.24
TOP PERFS/OH	11696	675.86	26.46	11269.78
	11715	694.78	25.43	11268.33
	15759	4736.07	-20.29	11180.49
BOT PERFS/OH	15788	4765.05	-21.03	11179.52
	15892	4868.96	-23.69	11176.03

NEXT TO LAST	15759	4736.07	-20.29	11180.49
LAST READING	15892	4868.96	-23.69	11176.03
TD	15892	4868.96	-23.69	11176.03

Surface Location	20	FS	380	FW
Projected BHL	4889	FS	356	FW
Location of				
Top Perfs/OH	696	FS	406	FW
Bottom Perfs/OH	4785	FS	359	FW

SUMMARY of Subsurface Locations

Surface Location	M-24-22S-34E	20	FS	380	FW	Vert. Depth
Top Perfs/OH	M-24-22S-34E	696	FS	406	FW	11269.78
Bottom Perfs/OH	D-24-22S-34E	4785	FS	359	FW	11179.52
Projected TD	D-24-22S-34E	4889	FS	356	FW	11176.03

DEC 30 2013



Exploration Company LLC

McVay 4

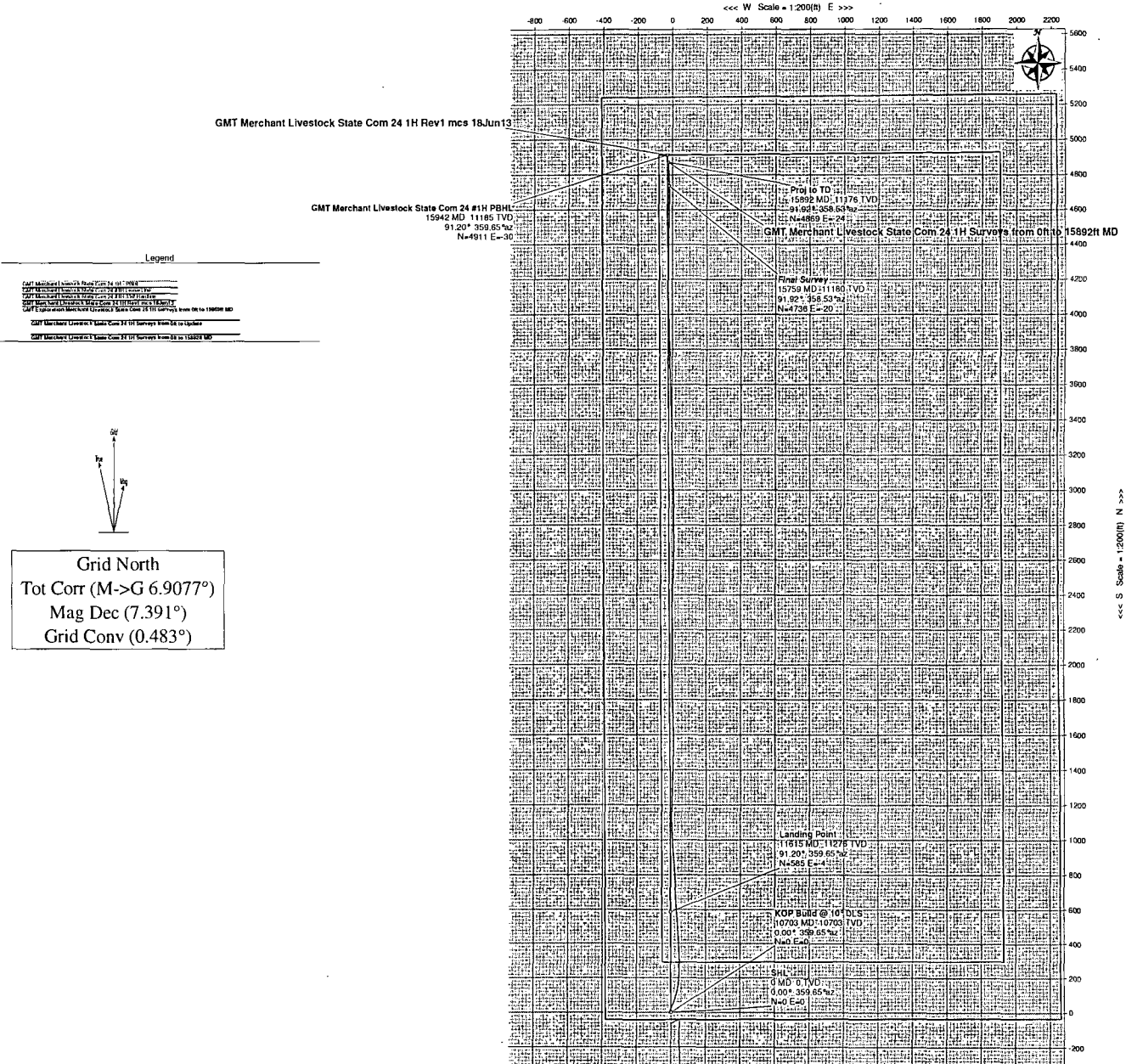
GMT Exploration

PvA



A Schlumberger Company

WELL	Merchant Livestock State Com 24 1H	FIELD	Lea County, NM (NAD 83)	STRUCTURE	McVay 4
Magnetic Parameters		Surface Location	NAD83 New Mexico State Plane, Eastern Zone, US Feet		
Magnet	BGM 2013	Lat	N 32.22 12.176	Northings	49928.91 805
Dip	60.285°	Long	W 101.25 51.654	Eastings	819022.82 805
Mag Dec	7.391°			Scale Fact	0.99999798
Date	May 29, 2013			Mercurius	
PS	48519.847			Site	Merchant Livestock State Com 24MD Ref.
				Plan	Rev1 mcs 18Jun13
				Srvy Date	May 29, 2013



Legend

GMT Merchant Livestock State Com 24 1H PBHL

GMT Merchant Livestock State Com 24 1H Surveys from 0ft to 15892ft MD

GMT Merchant Livestock State Com 24 1H Surveys from 0ft to 15892ft MD

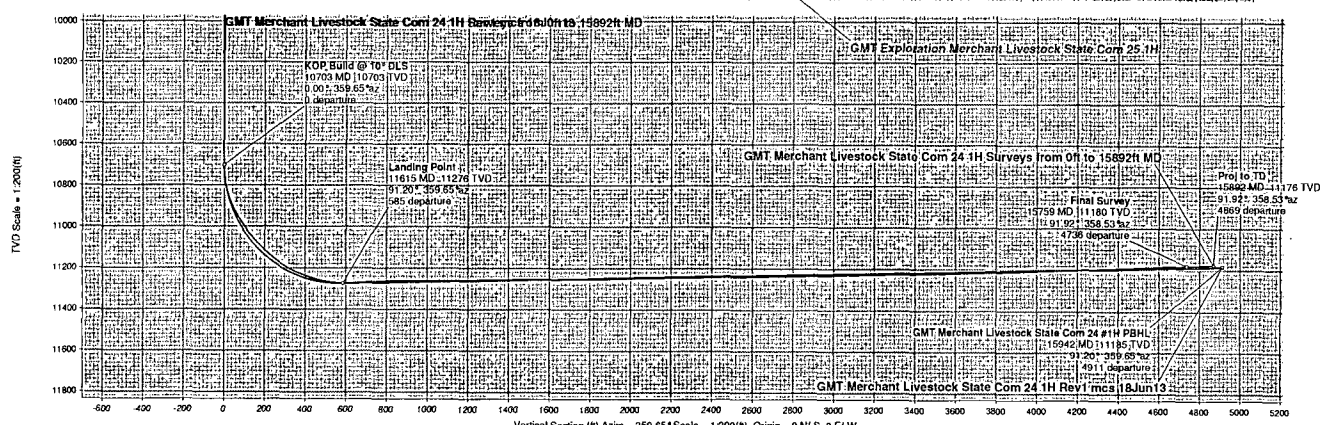
GMT Merchant Livestock State Com 24 1H Surveys from 0ft to 15892ft MD

Grid North

Tot Corr (M->G 6.9077°)

Mag Dec (7.391°)

Grid Conv (0.483°)



Drawn By: MShaffer

Date Created: June 18, 2013 05:30:32 PM

Checked By:

Checked Date:

Approved By:

Approved Date:



McVAY DRILLING COMPANY
P.O. Box 2450
Hobbs, New Mexico 88241
(575) 397-3311
FAX: 39-DRILL

HOBBS OCD

DEC 12 2013

Well Name and Num: Merchant Livestock State Com 24 #1H
Location: Sec 24, T22S, R34E
Operator: GMT Exploration
Drilling Contractor: McVay Drilling Company

RECEIVED

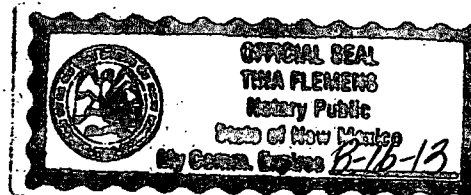
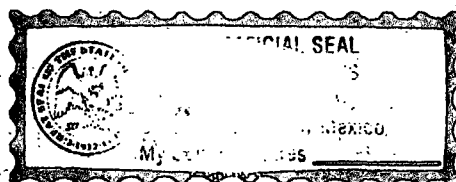
The undersigned certifies that he is an authorized representative of the drilling contractor who drilled the above described well and that he has conducted deviation tests and obtained the following results:

Degrees @	Depth	Degrees @	Depth	Degrees @	Depth	Degrees @	Depth
0.60	125	0.38	4951	0.24	9658	90.95	12380
0.40	581	1.00	5299	0.22	10098	90.49	12635
0.30	875	0.12	5331	0.19	10231	91.15	13018
0.30	975	0.11	5778	0.54	10546	90.94	13304
0.00	1258	0.10	6190	0.81	10673	90.59	13591
0.50	1354	0.15	6475	4.08	10738	91.40	13970
0.40	1735	0.94	6853	21.25	10865	91.23	14158
0.50	1841	0.10	7237	28.49	10928	91.60	14725
0.80	2221	0.07	7557	41.28	11086	92.18	15004
0.50	2791	0.08	7875	33.62	11180	91.92	15477
0.03	3044	0.10	8067	56.16	11276		
0.03	3550	0.08	8383	63.00	11339		
0.08	3929	0.08	8508	77.65	11498		
0.05	4056	0.03	8759	87.04	11594		
0.03	4246	0.31	9033	93.05	11658		
0.07	4499	0.28	9284	94.65	11715		
0.14	4738	0.10	9470	90.43	11999		

By: Hunter Crowl

Subscribed and sworn to before me this 17th day of July, 2013

Tina FLEMING
Notary Public, Lea County, New Mexico





Reservoir Development
Drilling & Measurements (Anadrill)
4301 SW 44th St
Oklahoma City, Oklahoma 73119 USA
Phone: (405) 682-2284
Fax: (405) 682-3937

July 22, 2013

GMT Exploration Company LLC
1560 Broadway Suite 2000
Denver, CO 80202

Re:

S24-T22S-R34E 20 FSL 380 FWL
N 32.36999 W 103.43101

CLIENT: GMT Exploration Company LLC
WELL: Merchant Livestock State Com 24 1H
FIELD: Ojo Chiso, Bone Spring, South
RIG: McVay Drilling 4
COUNTY: Lea New Mexico
API NO: 30-025-40934
JOB NO: 13MLD0423

Enclosed, please find the original copy of the survey performed on the referenced well by Drilling & Measurements, a division of Schlumberger Technology Corporation.
Other information required by your office is as follows.

<u>Name & Title of Surveyor</u>	<u>Drainhole Number</u>	<u>Surveyed Depths</u>	<u>Dates Performed</u>	<u>Type of Survey</u>
Olivia Pozos	Merchant Livestock State	1841.00 Ft to	June 6, 2013 to	SlimPulse &
MWD	Com 24 1H Original Hole	15759.00 Ft	July 12, 2013	TeleScope

If any other information is required, please contact the undersigned at the above letterhead and phone number.
Sincerely,

Jasem Alharer
Field Service Manager

Reservoir Development

Drilling & Measurements (Anadrill)

4301 SW 44th St

Oklahoma City, Oklahoma 73119 USA

Phone: (405) 682-2284

Fax: (405) 682-3937

HOBBS OCD

SEP 26 2013

RECEIVED

Schlumberger

Well Reference:

S24-T22S-R34E 20 FSL 380 FWL

N 32.36999 W 103.43101

I, Olivia Pozos certify that; I am employed by Drilling & Measurements (formerly Anadrill), a division of Schlumberger Technology Corporation; that I did on the day(s) of June 06, 2013 through July 12, 2013, conduct or supervise the taking of the SlimPulse & TeleScope surveys from a depth of 1841.00 feet to a depth of 15759.00 feet referenced to driller's depth; that the data is true, correct, complete and within the limitations of the tool as set forth by Drilling & Measurements, a division of Schlumberger Technology Corporation; that I am authorized and qualified to make this report; that this survey was conducted at the request of GMT Exploration Company LLC

for the Merchant Livestock State Com 24 1H Well (Original Hole) API No. 30-025-40934 and that I have reviewed this report and find that it conforms to the principals and procedures as set forth by Drilling & Measurements, a division of Schlumberger Technology Corporation.

By

Olivia Pozos

MWD

Subscribed and Sworn to before me this 21st day of July (month) 2013 (yr)

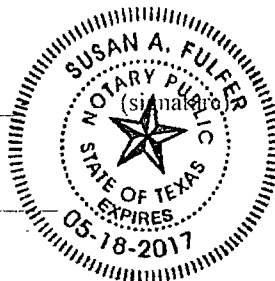
My Commission expires:

5-18-17

Notary Public

(County State)

Midland, TX



SCHLUMBERGER
Survey Report

13-Jul-13

Client.....: GMT Exploration Company LLC
Field.....: Ojo Chiso, Bone Spring, South

Well.....: Merchant Livestock State COM 24 1H
API number.....: 30-025-40934
Engineer.....: Olivia Pozos

Spud date.....: 30-May-13
Last survey date.....: 12-Jul-13
Total accepted surveys.....: 226
MD of first survey.....: 1841.00 ft
MD of last survey.....: 15759.00 ft

COUNTY.....: Lea
STATE.....: New Mexico
RIG.....: McVay Drilling 4

Latitude: 32° 22' 12.176" N
Longitude: 103° 25' 51.635" W

----- Survey calculation methods-----
Method for positions.....: Minimum curvature
Method for DLS.....: Lubinski

----- Depth reference-----
Permanent datum.....: MSL
Depth reference.....: Driller's Depth
GL above permanent.....: 3467.00 ft
KB above permanent.....: 3485.00 ft
bF above permanent.....: 3485.00 ft

----- Vertical section origin-----
Latitude (+N/S-).....: 0.00 ft
Departure (+E/W-).....: 0.00 ft

----- Grid Coordinates-----
NAD27 Texas State Plane, Central Zone, US Feet
X.....: 819922.823 ft
Y.....: 499529.906 ft

Azimuth from Vsect Origin to target: 359.65 degrees

-----MWD Survey Reference Criteria-----

-----Run1-----
Geomag Model: : BGGM 2012 Calculation Date: : 05-Jun-2013
Location G : 998.84 mgn Tolerance G : 2.50 mgn
Location B : 48496.07 nT Tolerance B : 300.00 nT
Magnetic Dip : 60.26 degrees Tolerance Dip : 0.45 degrees

-----Run2-----
Geomag Model: : BGGM 2012 Calculation Date: : 15-Jun-2013
Location G : 998.84 mgn Tolerance G : 2.50 mgn
Location B : 48492.55 nT Tolerance B : 300.00 nT
Magnetic Dip : 60.26 degrees Tolerance Dip : 0.45 degrees

-----Run3-----
Geomag Model: : BGGM 2012 Calculation Date: : 22-Jun-2013
Location G : 998.84 mgn Tolerance G : 2.50 mgn
Location B : 48490.08 nT Tolerance B : 300.00 nT
Magnetic Dip : 60.25 degrees Tolerance Dip : 0.45 degrees

-----Run4-----
Geomag Model: : BGGM 2012 Calculation Date: : 23-Jun-2013
Location G : 998.84 mgn Tolerance G : 2.50 mgn
Location B : 48489.73 nT Tolerance B : 300.00 nT
Magnetic Dip : 60.25 degrees Tolerance Dip : 0.45 degrees

-----Run5-----
Geomag Model: : BGGM 2012 Calculation Date: : 24-Jun-2013
Location G : 998.84 mgn Tolerance G : 2.50 mgn
Location B : 48489.38 nT Tolerance B : 300.00 nT
Magnetic Dip : 60.25 degrees Tolerance Dip : 0.45 degrees

-----Run6-----
Geomag Model: : BGGM 2012 Calculation Date: : 27-Jun-2013
Location G : 998.84 mgn Tolerance G : 2.50 mgn
Location B : 48488.32 nT Tolerance B : 300.00 nT
Magnetic Dip : 60.25 degrees Tolerance Dip : 0.45 degrees

-----Run7-----
Geomag Model: : BGGM 2012 Calculation Date: : 29-Jun-2013
Location G : 998.84 mgn Tolerance G : 2.50 mgn
Location B : 48487.62 nT Tolerance B : 300.00 nT
Magnetic Dip : 60.25 degrees Tolerance Dip : 0.45 degrees

-----Run8-----
Geomag Model: : BGGM 2012 Calculation Date: : 05-Jul-2013
Location G : 998.84 mgn Tolerance G : 2.50 mgn
Location B (Override): 48519.42 nT Tolerance B : 300.00 nT
Magnetic Dip (Override): 60.29 degrees Tolerance Dip : 0.45 degrees

-----Run9-----
Geomag Model: : BGGM 2012 Calculation Date: : 06-Jul-2013
Location G : 998.84 mgn Tolerance G : 2.50 mgn
Location B : 48485.16 nT Tolerance B : 300.00 nT
Magnetic Dip : 60.25 degrees Tolerance Dip : 0.45 degrees

-----MWD Survey Azimuth Correction-----

-----Run1-----

Magnetic dec (+E/W-) : 7.3937 degrees
Grid convergence (+E/W-) : 0.4831 degrees
GTotal az corr (+E/W-) : 6.9105 degrees

-----Run2-----

Magnetic dec (+E/W-) : 7.3905 degrees
Grid convergence (+E/W-) : 0.4831 degrees
GTotal az corr (+E/W-) : 6.9073 degrees

-----Run3-----

Magnetic dec (+E/W-) : 7.3882 degrees
Grid convergence (+E/W-) : 0.4831 degrees
GTotal az corr (+E/W-) : 6.9051 degrees

-----Run4-----

Magnetic dec (+E/W-) : 7.3879 degrees
Grid convergence (+E/W-) : 0.4831 degrees
GTotal az corr (+E/W-) : 6.9048 degrees

-----Run5-----

Magnetic dec (+E/W-) : 7.3876 degrees
Grid convergence (+E/W-) : 0.4831 degrees
GTotal az corr (+E/W-) : 6.9045 degrees

-----Run6-----

Magnetic dec (+E/W-) : 7.3866 degrees
Grid convergence (+E/W-) : 0.4831 degrees
GTotal az corr (+E/W-) : 6.9035 degrees

-----Run7-----

Magnetic dec (+E/W-) : 7.3860 degrees
Grid convergence (+E/W-) : 0.4831 degrees
GTotal az corr (+E/W-) : 6.9029 degrees

-----Run8-----

Magnetic dec (+E/W-) : 7.3910 degrees(Override)
Grid convergence (+E/W-) : 0.4831 degrees
GTotal az corr (+E/W-) : 6.9079 degrees

-----Run9-----

Magnetic dec (+E/W-) : 7.3837 degrees
Grid convergence (+E/W-) : 0.4831 degrees
GTotal az corr (+E/W-) : 6.9006 degrees

-----Survey Correction Index Description-----
0 : No Correction 1 : DMAG Corrected Survey
9 : Projection to Bit

Survey List													
Seq	MD (ft)	Incl (deg)	Azim (deg)	COURSE	TVD (ft)	V Sec (ft)	N/-S (ft)	E/-W (ft)	CLOSURE	ATAZIM (deg)	DLS (deg/100ft)	Tool	Correction
1	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	90.00	0.00	Tie-In Point	0
2	125	0.60	263.00	125.00	125.00	-0.08	-0.08	-0.65	0.65	263.00	0.48	MultiShot	0
3	333	0.50	265.00	208.00	332.99	-0.28	-0.29	-2.63	2.65	263.68	0.05	MultiShot	0
4	489	0.40	199.00	156.00	488.98	-0.84	-0.87	-3.49	3.6	256.07	0.32	MultiShot	0
5	671	0.40	239.00	182.00	670.98	-1.77	-1.79	-4.24	4.61	247.08	0.15	MultiShot	0
6	875	0.30	190.00	204.00	874.98	-2.66	-2.69	-4.94	5.63	241.48	0.15	MultiShot	0
7	979	0.30	264.00	104.00	978.98	-2.95	-2.98	-5.26	6.05	240.45	0.35	MultiShot	0
8	1067	0.10	260.00	88.00	1066.98	-2.99	-3.02	-5.57	6.33	241.52	0.23	MultiShot	0
9	1163	0.50	186.00	96.00	1162.97	-3.42	-3.45	-5.69	6.66	238.78	0.50	MultiShot	0
10	1258	0.00	314.00	95.00	1257.97	-3.83	-3.86	-5.74	6.92	236.04	0.53	MultiShot	0
11	1354	0.50	256.00	96.00	1353.97	-3.93	-3.97	-6.14	7.31	237.16	0.52	MultiShot	0
12	1450	0.70	254.00	96.00	1449.97	-4.18	-4.23	-7.11	8.28	239.27	0.21	MultiShot	0
13	1545	0.60	205.00	95.00	1544.96	-4.79	-4.84	-7.88	9.25	238.45	0.58	MultiShot	0
14	1640	0.40	316.00	95.00	1639.96	-5.00	-5.05	-8.32	9.74	238.74	0.88	MultiShot	0
15	1762	0.00	35.00	122.00	1761.96	-4.69	-4.74	-8.62	9.84	241.16	0.33	MultiShot	0
16	1841	0.05	276.99	79.00	1840.96	-4.69	-4.74	-8.65	9.86	241.28	0.06	SlimPulse	0
17	1905	0.03	218.74	64.00	1904.96	-4.70	-4.75	-8.69	9.9	241.33	0.07	SlimPulse	0
18	1968	0.03	234.53	63.00	1967.96	-4.72	-4.78	-8.72	9.94	241.27	0.01	SlimPulse	0
19	2031	0.07	328.27	63.00	2030.96	-4.70	-4.76	-8.75	9.96	241.48	0.13	SlimPulse	0
20	2095	0.08	334.56	64.00	2094.96	-4.63	-4.69	-8.79	9.96	241.94	0.02	SlimPulse	0
21	2158	0.05	206.86	63.00	2157.96	-4.62	-4.67	-8.82	9.98	242.10	0.18	SlimPulse	0
22	2221	0.08	240.51	63.00	2220.96	-4.66	-4.72	-8.87	10.05	242.00	0.07	SlimPulse	0
23	2284	0.03	236.45	63.00	2283.96	-4.69	-4.75	-8.92	10.11	241.99	0.07	SlimPulse	0
24	2347	0.08	15.13	63.00	2346.96	-4.66	-4.72	-8.93	10.1	242.15	0.17	SlimPulse	0
25	2411	0.05	78.50	64.00	2410.96	-4.62	-4.67	-8.89	10.04	242.29	0.11	SlimPulse	0
26	2474	0.03	162.84	63.00	2473.96	-4.63	-4.68	-8.86	10.02	242.14	0.09	SlimPulse	0
27	2538	0.05	309.35	64.00	2537.96	-4.63	-4.68	-8.87	10.03	242.17	0.12	SlimPulse	0
28	2601	0.05	313.88	63.00	2600.96	-4.59	-4.65	-8.91	10.05	242.46	0.01	SlimPulse	0
29	2664	0.03	45.21	63.00	2663.96	-4.56	-4.62	-8.92	10.04	242.63	0.10	SlimPulse	0
30	2727	0.05	317.31	63.00	2726.96	-4.53	-4.58	-8.92	10.03	242.81	0.09	SlimPulse	0
31	2791	0.05	244.29	64.00	2790.96	-4.52	-4.58	-8.97	10.07	242.97	0.09	SlimPulse	0
32	2854	0.03	20.30	63.00	2853.96	-4.51	-4.57	-8.98	10.08	243.04	0.12	SlimPulse	0
33	2917	0.03	158.99	63.00	2916.96	-4.51	-4.57	-8.97	10.07	243.01	0.10	SlimPulse	0
34	2981	0.03	246.39	64.00	2980.96	-4.54	-4.59	-8.98	10.09	242.91	0.07	SlimPulse	0
35	3044	0.03	94.34	63.00	3043.96	-4.55	-4.60	-8.98	10.09	242.86	0.11	SlimPulse	0
36	3107	0.05	44.97	63.00	3106.96	-4.53	-4.59	-8.94	10.05	242.85	0.06	SlimPulse	0
37	3171	0.00	6.91	64.00	3170.96	-4.51	-4.57	-8.92	10.02	242.90	0.08	SlimPulse	0
38	3234	0.03	330.24	63.00	3233.96	-4.50	-4.55	-8.93	10.03	243.00	0.05	SlimPulse	0
39	3297	0.03	235.50	63.00	3296.96	-4.49	-4.54	-8.96	10.04	243.10	0.08	SlimPulse	0
40	3360	0.03	32.69	63.00	3359.96	-4.48	-4.54	-8.96	10.05	243.14	0.11	SlimPulse	0
41	3423	0.05	138.65	63.00	3422.96	-4.49	-4.54	-8.94	10.02	243.05	0.11	SlimPulse	0
42	3487	0.00	6.91	64.00	3486.96	-4.51	-4.56	-8.92	10.02	242.89	0.08	SlimPulse	0
43	3550	0.03	292.74	63.00	3549.96	-4.50	-4.56	-8.93	10.03	242.98	0.05	SlimPulse	0
44	3613	0.05	346.10	63.00	3612.96	-4.47	-4.52	-8.96	10.04	243.21	0.06	SlimPulse	0

45	3677	0.03	302.15	64.00	3676.96	-4.43	-4.49	-8.98	10.04	243.45	0.05	SlimPulse	0
46	3740	0.05	100.24	63.00	3739.96	-4.43	-4.48	-8.97	10.03	243.45	0.13	SlimPulse	0
47	3803	0.03	358.85	63.00	3802.96	-4.41	-4.47	-8.95	10	243.46	0.10	SlimPulse	0
48	3866	0.05	229.82	63.00	3865.96	-4.41	-4.47	-8.97	10.02	243.52	0.12	SlimPulse	0
49	3929	0.08	97.85	63.00	3928.96	-4.43	-4.49	-8.94	10.01	243.35	0.18	SlimPulse	0
50	3993	0.03	291.80	64.00	3992.96	-4.43	-4.49	-8.92	9.99	243.29	0.17	SlimPulse	0
51	4056	0.05	61.15	63.00	4055.96	-4.41	-4.47	-8.91	9.97	243.38	0.12	SlimPulse	0
52	4119	0.03	283.36	63.00	4118.96	-4.40	-4.45	-8.91	9.96	243.46	0.12	SlimPulse	0
53	4182	0.07	301.75	63.00	4181.96	-4.37	-4.43	-8.96	9.99	243.71	0.06	SlimPulse	0
54	4246	0.03	345.39	64.00	4245.96	-4.33	-4.39	-9.00	10.01	244.00	0.08	SlimPulse	0
55	4309	0.03	235.26	63.00	4308.96	-4.32	-4.38	-9.02	10.02	244.09	0.09	SlimPulse	0
56	4372	0.07	274.41	63.00	4371.96	-4.33	-4.39	-9.07	10.08	244.18	0.08	SlimPulse	0
57	4436	0.00	6.91	64.00	4435.96	-4.33	-4.38	-9.11	10.11	244.29	0.11	SlimPulse	0
58	4499	0.07	253.19	63.00	4498.96	-4.34	-4.40	-9.14	10.15	244.33	0.11	SlimPulse	0
59	4699	0.14	123.27	200.00	4698.96	-4.51	-4.56	-9.06	10.14	243.27	0.09	SlimPulse	0
60	4894	0.29	257.24	195.00	4893.96	-4.74	-4.80	-9.35	10.51	242.82	0.21	SlimPulse	0
61	5082	0.60	35.77	188.00	5081.95	-4.05	-4.11	-9.24	10.11	246.04	0.45	SlimPulse	0
62	5272	0.55	95.19	190.00	5271.94	-3.33	-3.38	-7.74	8.45	246.40	0.30	SlimPulse	0
63	5331	0.12	298.19	59.00	5330.94	-3.33	-3.38	-7.51	8.24	245.80	1.14	SlimPulse	0
64	5398	0.00	6.91	67.00	5397.94	-3.30	-3.34	-7.58	8.28	246.19	0.19	SlimPulse	0
65	5461	0.12	263.32	63.00	5460.94	-3.30	-3.35	-7.64	8.35	246.33	0.20	SlimPulse	0
66	5524	0.10	358.99	63.00	5523.94	-3.26	-3.30	-7.71	8.39	246.81	0.26	SlimPulse	0
67	5588	0.08	242.83	64.00	5587.94	-3.22	-3.27	-7.75	8.41	247.13	0.23	SlimPulse	0
68	5651	0.11	228.52	63.00	5650.94	-3.28	-3.33	-7.83	8.51	246.98	0.06	SlimPulse	0
69	5715	0.11	48.71	64.00	5714.94	-3.28	-3.33	-7.83	8.51	246.98	0.34	SlimPulse	0
70	5778	0.11	155.88	63.00	5777.94	-3.30	-3.34	-7.76	8.45	246.70	0.28	SlimPulse	0
71	5843	0.10	305.09	65.00	5842.94	-3.32	-3.37	-7.78	8.48	246.60	0.31	SlimPulse	0
72	5905	0.08	240.00	62.00	5904.94	-3.31	-3.36	-7.86	8.55	246.87	0.15	SlimPulse	0
73	5936	0.10	320.33	61.00	5935.94	-3.30	-3.35	-7.90	8.58	247.02	0.37	SlimPulse	0
74	5968	0.05	336.27	32.00	5967.94	-3.27	-3.32	-7.92	8.59	247.28	0.16	SlimPulse	0
75	6000	0.12	93.76	32.00	5999.94	-3.26	-3.31	-7.89	8.56	247.27	0.48	SlimPulse	0
76	6031	0.05	180.02	31.00	6030.94	-3.27	-3.32	-7.86	8.53	247.09	0.42	SlimPulse	0
77	6064	0.05	239.45	33.00	6063.94	-3.29	-3.34	-7.87	8.55	246.99	0.15	SlimPulse	0
78	6095	0.08	286.79	31.00	6094.94	-3.29	-3.34	-7.90	8.58	247.07	0.18	SlimPulse	0
79	6127	0.05	299.53	32.00	6126.94	-3.28	-3.33	-7.93	8.6	247.23	0.10	SlimPulse	0
80	6158	0.08	72.46	31.00	6157.94	-3.27	-3.32	-7.93	8.59	247.29	0.37	SlimPulse	0
81	6190	0.10	176.83	32.00	6189.94	-3.29	-3.34	-7.90	8.58	247.10	0.43	SlimPulse	0
82	6221	0.07	172.54	31.00	6220.94	-3.33	-3.38	-7.90	8.59	246.82	0.09	SlimPulse	0
83	6254	0.08	271.77	33.00	6253.94	-3.35	-3.40	-7.92	8.62	246.75	0.34	SlimPulse	0
84	6285	0.10	155.80	31.00	6284.94	-3.38	-3.43	-7.93	8.64	246.63	0.49	SlimPulse	0
85	6317	0.08	187.73	32.00	6316.94	-3.43	-3.47	-7.92	8.65	246.32	0.17	SlimPulse	0
86	6348	0.10	33.35	31.00	6347.94	-3.42	-3.47	-7.91	8.64	246.29	0.55	SlimPulse	0
87	6380	0.07	304.25	32.00	6379.94	-3.39	-3.44	-7.91	8.62	246.50	0.37	SlimPulse	0
88	6412	0.10	269.63	32.00	6411.94	-3.38	-3.43	-7.95	8.66	246.68	0.18	SlimPulse	0
89	6443	0.07	134.93	31.00	6442.94	-3.39	-3.44	-7.97	8.68	246.63	0.50	SlimPulse	0
90	6475	0.15	122.18	32.00	6474.94	-3.43	-3.48	-7.92	8.65	246.28	0.28	SlimPulse	0
91	6506	0.08	75.36	31.00	6505.94	-3.45	-3.50	-7.86	8.6	246.03	0.37	SlimPulse	0
92	6539	0.10	12.12	33.00	6538.94	-3.41	-3.46	-7.83	8.56	246.16	0.29	SlimPulse	0
93	6570	0.08	225.55	31.00	6569.94	-3.40	-3.45	-7.84	8.57	246.26	0.56	SlimPulse	0
94	6603	0.12	223.83	33.00	6602.94	-3.44	-3.49	-7.88	8.62	246.12	0.14	SlimPulse	0
95	6634	0.08	247.45	31.00	6633.94	-3.47	-3.52	-7.92	8.67	246.04	0.20	SlimPulse	0
96	6664	0.08	138.95	30.00	6663.94	-3.50	-3.54	-7.93	8.69	245.92	0.42	SlimPulse	0
97	6695	0.08	94.42	31.00	6694.94	-3.51	-3.56	-7.90	8.66	245.72	0.19	SlimPulse	0
98	6726	0.08	345.70	31.00	6725.94	-3.49	-3.54	-7.88	8.64	245.79	0.40	SlimPulse	0
99	6759	0.07	350.45	33.00	6758.94	-3.45	-3.50	-7.89	8.63	246.06	0.03	SlimPulse	0
100	6791	0.11	349.95	32.00	6790.94	-3.40	-3.45	-7.90	8.62	246.38	0.12	SlimPulse	0
101	6822	0.08	142.31	31.00	6821.94	-3.39	-3.44	-7.89	8.61	246.44	0.58	SlimPulse	0
102	6854	0.07	212.92	32.00	6853.94	-3.43	-3.47	-7.89	8.62	246.23	0.26	SlimPulse	0
103	6886	0.08	290.56	32.00	6885.94	-3.43	-3.48	-7.92	8.65	246.26	0.29	SlimPulse	0
104	6918	0.08	58.09	32.00	6917.94	-3.42	-3.46	-7.92	8.64	246.38	0.43	SlimPulse	0
105	6949	0.10	147.49	31.00	6948.94	-3.43	-3.47	-7.89	8.62	246.22	0.40	SlimPulse	0
106	6982	0.11	286.60	33.00	6981.94	-3.44	-3.49	-7.90	8.64	246.18	0.59	SlimPulse	0
107	7045	0.08	253.79	63.00	7044.94	-3.44	-3.48	-8.00	8.73	246.47	0.10	SlimPulse	0
108	7109	0.08	337.55	64.00	7108.94	-3.41	-3.46	-8.06	8.77	246.78	0.16	SlimPulse	0
109	7173	0.10	87.46	64.00	7172.94	-3.37	-3.41	-8.02	8.72	246.94	0.22	SlimPulse	0
110	7237	0.10	299.34	64.00	7236.94	-3.33	-3.38	-8.02	8.7	247.12	0.30	SlimPulse	0
111	7300	0.10	89.09	63.00	7299.94	-3.31	-3.35	-8.01	8.69	247.28	0.31	SlimPulse	0
112	7365	0.17	142.67	65.00	7364.94	-3.38	-3.43	-7.90	8.61	246.51	0.21	SlimPulse	0
113	7429	0.11	58.05	64.00	7428.94	-3.43	-3.48	-7.79	8.53	245.95	0.30	SlimPulse	0
114	7493	0.03	184.73	64.00	7492.94	-3.42	-3.46	-7.74	8.48	245.89	0.21	SlimPulse	0
115	7557	0.07	316.60	64.00	7556.94	-3.41	-3.45	-7.77	8.5	246.02	0.15	SlimPulse	0
116	7621	0.11	6.12	64.00	7620.94	-3.32	-3.37	-7.79	8.48	246.62	0.13	SlimPulse	0
117	7683	0.07	330.30	62.00	7682.94	-3.23	-3.27	-7.80	8.46	247.22	0.11	SlimPulse	0
118	7747	0.08	292.97	64.00	7746.94	-3.18	-3.22	-7.86	8.49	247.68	0.07	SlimPulse	0
119	7811	0.08	69.30	64.00	7810.94	-3.14	-3.19	-7.86	8.48	247.88	0.22	SlimPulse	0
120	7875	0.08	59.94	64.00	7874.94	-3.11	-3.16	-7.78	8.39	247.91	0.02	SlimPulse	0
121	7940	0.08	188.59	65.00	7939.94	-3.13	-3.18	-7.75	8.37	247.70	0.21	SlimPulse	0
122	8002	0.08	277.26	62.00	8001.94	-3.17	-3.21	-7.79	8.43	247.60	0.17	SlimPulse	0
123	8067	0.10	184.50	65.00	8066.94	-3.22	-3.27	-7.84	8.5	247.39	0.20	SlimPulse	0
124	8131	0.03	66.98	64.00	8130.94	-3.27	-3.32	-7.83	8.5	247.05	0.19	SlimPulse	0
125	8193	0.07	238.35	62.00	8192.94	-3.28	-3.33	-7.84	8.52	247.01	0.17	SlimPulse	0
126	8257	0.03	271.01	64.00	8256.94	-3.30	-3.35	-7.90	8.58	247.02	0.07	SlimPulse	0
127	8319	0.12	254.00	62.00	8318.94	-3.32	-3.37	-7.98	8.66	247.13	0.15	SlimPulse	0
128	8383	0.08	282.14	64.00	8382.94	-3.33	-3.38	-8.09	8.76	247.34	0.10	SlimPulse	0
129	8446	0.08	33.52	63.00	8445.94	-3.28	-3.33	-8.11	8.76	247.65	0.20	SlimPulse	0
130	8508	0.08	123.22	62.00	8507.94	-3.27	-3.32	-8.05	8.71	247.58	0.17	SlimPulse	0
131	8570	0.07	358.88	62.00	8569.94	-3.26	-3.31	-8.01	8.67	247.58	0.21	SlimPulse	0
132	8633	0.11	27.09	63.00	8632.94	-3.17	-3.21	-7.99	8.61	248.08	0.09	SlimPulse	0
133	8696	0.08	280.81	63.00	8695.94	-3.10	-3.15	-8.00	8.6	248.49	0.24	SlimPulse	0
134	8759	0.03	204.64	63.00	8758.94	-3.11	-3.16	-8.05	8.65	248.55	0.12	SlimPulse	0
135	8812	0.12	239.31	53.00	8811.94	-3.16	-3.21	-8.11	8.72	248.42	0.18	SlimPulse	0
136	8875	0.19	328.73	63.00	8874.94	-3.10	-3.15	-8.22	8.8	249.03	0.36	SlimPulse	0
137	8938	0.34	15.20	63.00	8937.94	-2.83	-2.88	-8.23	8.72	250.			

150	9721	0.22	241.08	63.00	9720.93	-3.00	-3.05	-8.16	8.71	249.47	0.46	SlimPulse	0
151	9783	0.24	88.23	62.00	9782.93	-3.06	-3.11	-8.13	8.7	249.08	0.73	SlimPulse	0
152	9849	0.22	162.32	66.00	9848.93	-3.18	-3.22	-7.95	8.58	247.93	0.42	SlimPulse	0
153	9910	0.23	157.91	61.00	9909.93	-3.40	-3.45	-7.87	8.59	246.33	0.03	SlimPulse	0
154	9974	0.24	235.41	64.00	9973.93	-3.60	-3.65	-7.93	8.73	245.32	0.46	SlimPulse	0
155	10035	0.22	10.36	61.00	10034.93	-3.56	-3.60	-8.02	8.79	245.80	0.70	SlimPulse	0
156	10099	0.20	200.46	64.00	10098.93	-3.54	-3.59	-8.04	8.8	245.94	0.65	SlimPulse	0
157	10161	0.22	19.52	62.00	10160.93	-3.53	-3.58	-8.03	8.79	245.99	0.67	SlimPulse	0
158	10231	0.19	291.99	70.00	10230.93	-3.36	-3.41	-8.09	8.78	247.15	0.40	SlimPulse	0
159	10295	0.08	343.02	64.00	10294.93	-3.28	-3.33	-8.20	8.85	247.90	0.23	SlimPulse	0
160	10359	0.22	299.29	64.00	10358.93	-3.18	-3.23	-8.32	8.93	248.79	0.27	SlimPulse	0
161	10419	0.38	251.50	60.00	10418.93	-3.19	-3.24	-8.61	9.2	249.40	0.48	SlimPulse	0
162	10482	0.47	300.35	63.00	10481.93	-3.12	-3.17	-9.04	9.58	250.64	0.57	SlimPulse	0
163	10546	0.54	294.88	64.00	10545.93	-2.86	-2.92	-9.53	9.97	252.99	0.13	SlimPulse	0
164	10609	0.89	313.49	63.00	10608.92	-2.39	-2.45	-10.16	10.45	256.42	0.67	SlimPulse	0
165	10673	0.81	324.08	64.00	10672.91	-1.68	-1.74	-10.79	10.93	260.81	0.28	SlimPulse	0
166	10706	1.41	355.34	33.00	10705.91	-1.08	-1.15	-10.96	11.02	264.00	2.52	SlimPulse	0
167	10738	4.08	14.21	32.00	10737.87	0.41	0.34	-10.71	10.71	271.84	8.69	SlimPulse	0
168	10769	8.15	22.80	31.00	10768.69	3.50	3.44	-9.59	10.18	289.74	13.42	SlimPulse	0
169	10801	12.30	27.04	32.00	10800.17	8.61	8.57	-7.16	11.16	320.13	13.17	SlimPulse	0
170	10833	16.81	27.21	32.00	10831.14	15.74	15.72	-3.49	16.1	347.48	14.09	SlimPulse	0
171	10864	21.25	24.20	31.00	10860.44	24.83	24.83	0.86	24.85	1.99	14.67	SlimPulse	0
172	10898	25.43	22.91	34.00	10891.65	37.14	37.18	6.23	37.7	9.52	12.40	SlimPulse	0
173	10928	28.49	21.92	30.00	10918.39	49.69	49.76	11.41	51.05	12.92	10.32	SlimPulse	0
174	10959	31.43	20.93	31.00	10945.24	64.06	64.17	17.06	66.4	14.89	9.60	SlimPulse	0
175	10991	33.80	18.59	32.00	10972.19	80.26	80.40	22.88	83.59	15.88	8.39	SlimPulse	0
176	11023	36.19	16.06	32.00	10998.41	97.74	97.92	28.33	101.93	16.14	8.74	SlimPulse	0
177	11054	38.82	14.2	31.00	11023	115.93	116.14	33.25	120.8	15.98	9.23	SlimPulse	0
178	11086	41.28	11.86	32.00	11047.49	135.96	136.2	37.88	141.36	15.54	9.03	SlimPulse	0
179	11118	43.62	9.16	32.00	11071.11	157.17	157.43	41.81	162.89	14.87	9.26	SlimPulse	0
180	11149	45.19	5.97	31.00	11093.25	178.65	178.93	44.65	184.41	14.01	8.80	SlimPulse	0
181	11183	47.12	3.33	34.00	11116.81	203.07	203.36	46.63	208.64	12.92	7.96	SlimPulse	0
182	11213	49.75	1.8	30.00	11136.71	225.49	225.78	47.63	230.75	11.91	9.59	SlimPulse	0
183	11244	52.54	359.85	31.00	11156.16	249.62	249.92	47.97	254.48	10.86	10.23	SlimPulse	0
184	11276	56.16	58.65	32.00	11174.81	275.62	275.91	47.62	279.99	9.79	11.73	SlimPulse	0
185	11308	59.82	357.8	32.00	11191.77	302.74	303.03	46.78	306.62	8.78	11.66	SlimPulse	0
186	11339	63	357.48	31.00	11206.6	329.94	330.22	45.65	333.36	7.87	10.30	SlimPulse	0
187	11371	65.94	357.38	32.00	11220.39	358.79	359.07	44.36	361.8	7.04	9.18	SlimPulse	0
188	11403	68.82	357.36	32.00	11232.69	388.3	388.57	43	390.94	6.32	9.02	SlimPulse	0
189	11434	71.39	357.25	31.00	11243.24	417.42	417.69	41.63	419.76	5.69	8.28	SlimPulse	0
190	11466	74.05	357.09	32.00	11252.74	447.95	448.2	40.13	449.99	5.12	8.33	SlimPulse	0
191	11498	77.65	356.98	32.00	11260.57	478.94	479.18	38.52	480.73	4.60	11.24	SlimPulse	0
192	11531	82	356.25	33.00	11266.39	511.37	511.6	36.6	512.91	4.09	13.38	SlimPulse	0
193	11563	84.46	355.97	32.00	11270.16	543.08	543.3	34.44	544.39	3.63	7.72	SlimPulse	0
194	11594	87.04	356.18	31.00	11272.46	573.93	574.14	32.32	575.05	3.22	8.36	SlimPulse	0
195	11628	90.55	356.64	34.00	11273.17	607.87	608.06	30.2	608.81	2.84	10.40	SlimPulse	0
196	11658	93.03	356.81	30.00	11272.24	637.81	638	28.48	638.63	2.56	8.27	SlimPulse	0
197	11690	94.13	357.07	32.00	11270.24	669.71	669.89	26.78	670.42	2.29	3.55	SlimPulse	0
198	11715	94.65	356.71	25.00	11268.33	694.61	694.78	25.43	695.24	2.10	2.52	Telescope	0
199	11809	91.43	356.44	94.00	11263.35	788.33	788.46	19.82	788.71	1.44	3.43	Telescope	0
200	11905	89.94	355.76	96.00	11262.19	884.13	884.23	13.29	884.33	0.86	1.71	Telescope	0
201	11999	90.43	356.81	94.00	11261.89	977.97	978.03	7.2	978.06	0.42	1.24	Telescope	0
202	12095	90.6	358.13	96.00	11261.02	1073.9	1073.93	2.96	1073.94	0.16	1.38	Telescope	0
203	12189	90.89	359.95	94.00	11259.8	1167.88	1167.91	1.39	1167.91	0.07	1.97	Telescope	0
204	12283	91.32	1.62	94.00	11257.99	1261.84	1261.88	2.68	1261.88	0.12	1.83	Telescope	0
205	12380	90.95	2.29	97.00	11256.08	1358.74	1358.8	5.99	1358.82	0.25	0.78	Telescope	0
206	12444	90.69	2.14	64.00	11255.17	1422.67	1422.75	8.46	1422.77	0.34	0.47	Telescope	0
207	12544	90.2	0.47	100.00	11254.39	1522.62	1522.72	10.73	1522.75	0.40	1.74	Telescope	0
208	12635	90.49	359.41	91.00	11253.84	1613.62	1613.71	10.63	1613.75	0.38	1.21	Telescope	0
209	12731	90.11	358.68	96.00	11253.34	1709.61	1709.7	9.03	1709.72	0.30	0.85	Telescope	0
210	12827	90.37	358.54	96.00	11252.93	1805.59	1805.67	6.7	1805.68	0.21	0.31	Telescope	0
211	12922	90.86	358.99	95.00	11251.91	1900.58	1900.64	4.65	1900.64	0.14	0.70	Telescope	0
212	13018	91.15	359.71	96.00	11250.23	1996.56	1996.62	3.55	1996.62	0.10	0.81	Telescope	0
213	13113	90.89	0.3	95.00	11248.54	2091.54	2091.6	3.56	2091.6	0.10	0.68	Telescope	0
214	13207	90.95	359.72	94.00	11247.04	2185.53	2185.59	3.57	2185.59	0.09	0.62	Telescope	0
215	13304	90.94	0.1	97.00	11245.44	2282.51	2282.58	3.41	2282.58	0.09	0.40	Telescope	0
216	13399	91.09	0.78	95.00	11243.75	2377.49	2377.56	4.15	2377.56	0.10	0.73	Telescope	0
217	13496	90.77	2.03	97.00	11242.18	2474.43	2474.51	6.53	2474.52	0.15	1.32	Telescope	0
218	13591	90.69	1.08	95.00	11240.96	2569.37	2569.47	9.1	2569.49	0.20	1.01	Telescope	0
219	13687	90.86	0.3	96.00	11239.67	2665.34	2665.45	10.26	2665.47	0.22	0.83	Telescope	0
220	13782	90.92	359.66	95.00	11238.2	2760.33	2760.44	10.23	2760.46	0.21	0.68	Telescope	0
221	13876	91.32	359.37	94.00	11236.36	2854.31	2854.42	9.42	2854.44	0.19	0.53	Telescope	0
222	13970	91.4	359.29	94.00	11234.13	2948.28	2948.39	8.32	2948.4	0.16	0.12	Telescope	0
223	14064	91.32	358.33	94.00	11231.9	3042.24	3042.34	6.37	3042.35	0.12	1.02	Telescope	0
224	14158	91.23	358.28	94.00	11229.81	3136.19	3136.27	3.59	3136.28	0.07	0.11	Telescope	0
225	14253	91.4	358.27	95.00	11227.63	3231.14	3231.21	0.73	3231.21	0.01	0.18	Telescope	0
226	14344	91.43	358.76	91.00	11225.38	3322.1	3322.15	-1.62	3322.15	359.97	0.54	Telescope	0
227	14438	91.12	358.41	94.00	11223.29	3416.06	3416.1	-3.95	3416.1	359.93	0.50	Telescope	0
228	14533	91.12	358.49	95.00	11221.43	3511.02	3511.04	-6.52	3511.05	359.89	0.09	Telescope	0
229	14628	91.46	358.16	95.00	11219.3	3605.97	3605.98	-9.3	3605.99	359.85	0.50	Telescope	0
230	14725	91.6	358.13	97.00	11216.7	3702.89	3702.89	-12.44	3702.91	359.81	0.15	Telescope	0
231	14820	91.92	358.39	95.00	11213.78	3797.83	3797.8	-15.32	3797.83	359.77	0.43	Telescope	0
232	14912	92.12	358.64	92.00	11210.54	3889.75	3889.72	-17.7	3889.76	359.74	0.35	Telescope	0
233	15004	92.18	358.74	92.00	11207.09	3981.67	3981.63	-19.81	3981.68	359.72	0.12	Telescope	0
234	15098	92.07	358.9	94.00	11203.61	4075.6	4075.54	-21.74	4075.6	359.69	0.21	Telescope	0
235	15192	92.07	359.34	94.00	11200.22	4169.53	4169.47	-23.18	4169.53	359.68	0.46	Telescope	0
236	15285	92.04	0.13	93.00	11196.89	4262.47	4262.41	-23.62	4262.47	359.68	0.85	Telescope	0
237	15378	92.18	1.11	93.00	11193.47	4355.4	4355.34	-22.62	4355.4	359.70	1.06	Telescope	0
238	15477												