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CABLE DEPTH	WATER DEPTH	NO. GUNS	GUN PRES.	GUN DEPTH	SHIPS HEAD	TAIL BOUY
1.392.403.414.405.416.35	80	4	2kpsi	30-ft	280	?

FILE NO.	SP NO.	REMARKS
800	13	
01		
02		
03		PE
04	09	
05		
06		
07		
08	05	
09		
10		
11	1202	E.O.L. 1810 @ 1652
12	1201	NC/MR S.O.R 1811
13		SH 280 TBB ?
14		WD 80 ft.
15		
16	97	
17		
18		
19		
20	93	
21		
22		
23		
24	89	
25		
26		
27		
28		
29	84	
30		
31		
32	1181	NC/MR @ 1702
33		WD ft
34		
35		
36	77	
37		
38		
39		
40	73	
41		
42		
43		
44	69	
45		
46		
47		
48	65	
49		

FILE NO.	SP NO.	REMARKS
50	63	
51		
52	1161	NC/MR @ 1711
53		WD 75 ft.
54		E.O.L.
55		
56	57	
57		
58		
59		
60		
61		~~452 E.O.L. 1814~~ @
62		~~452 E.O.L. 1817~~
63		
64		
65		
66		
67		
68		
69		
70		
71		
72		
73		
74		
75		
76		
77		
78		
79		
80		
81		
82		
83		
84		
85		
86		
87		
88		
89		
90		
91		
92		
93		
94		
95		
96		
97		
98		
99		

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CABLE DEPTH	WATER DEPTH	NO. GUNS	GUN PRES.	GUN DEPTH	SHIPS HEAD	TAIL BOUY
1.38 2.38 3.42 4.41 5.41 6.25	61 Ft	4	2Kysi	30 ft	287	170

FILE NO.	SP NO.	REMARKS	FILE NO.	SP NO.	REMARKS
700	13 13		750		
01			51	1262	
02			52	1261	NC/MR @ 1624
03			53		WD 82 ft.
04	09		54		
05			55		
06			56		
07			57	36	
08	OK	PE/SC	58		
09			59		
10			60		
11	1302	E.O.R. 1808 @ 1608	61	1252	E.O.R. 1809 @ 1628
12	1301	S.O.R 1809	62	1257	S.O.R. 1810 PE/SC
13		NC/MR WD 60 ft	63		SH 281 TBB ?
14		SH 287 TBB 170	64		DRIFT ?
15		DRIFT - 1°	65		
16			66	49	
17	1296		67		
18			68		
19			69		
20			70	43	
21			71		
22	91		72	41	NC/MR @ 1632
23			73		WD 86 ft.
24			74	39	
25			75		
26	87		76	37	
27			77		
28			78	35	
29			79		
30			80	33	
31			81		
32	1281	NC/MR @ 1616	82		
33		WD 63 ft.	83		
34			84	29	
35			85		
36	19		86		
37			87		
38			88	25	
39			89		
40	73		90		
41		POLARITY CHA. @ 1619	91		
42			92	1221	NC/MR @ 1641
43			93		WD 86 ft
44			94		
45	68		95		
46			96	17	
47			97		
48			98		
49			99		

LINE NO. TO 480 DIR. 278 DEG. PARTY NO. 705 DATE 10/23 PAGE 12 8077A

CABLE DEPTH	WATER DEPTH	NO. GUNS	GUN PRES.	GUN DEPTH	SHIPS HEAD	TAIL BOUY
1.3923 3.384 3535 3535	78 ft	4	2000 lbs	30'	284°	Not Visible

FILE NO.	SP NO.	REMARKS	FILE NO.	SP NO.	REMARKS
600	1413		650		
01			51		
02			52	1361	MC/MR @ 1545
03			53		SH- 287° TBD- Not Visible
04	1409		54		WD - 63 ft
05			55		Draft -
06			56	1357	
07			57		
08	1405		58		
09			59		
10			60	1353	
11		FOR 1806 @ 1528	61		FOR 1507 @ 1549
12	1401	SOR 1507 MC/MR	62		SOR 1806
13		SH 284° TBD Not Visible	63		
14		WD- 78 ft	64	1349	
15		DRAFT -	65		
16	1397		66		
17			67		
18			68	1345	
19			69		
20	1393		70		
21			71		
22			72	1341	MC/MR @ 1553
23			73		WD - 63 ft
24	1389		74		
25			75		
26			76	1337	
27			77		
28	1385		78		
29			79		
30			80	1333	
31			81		
32	1381	MC/MR @ 1537	82		
33		WD - 75 ft	83		
34			84	1329	
35			85		
36	1377		86		
37			87		
38			88	1325	
39			89		
40	1373		90		
41			91		
42			92	1321	MC/MR @ 1600
43			93		TBD -
44	1369		94		WD - 61 ft
45			95		DRAFT -
46			96		
47			97		
48	1365		98		
49			99		

LINE NO. TD-98 DIR. 278 DEG. PARTY NO. 705 DATE 10/23 PAGE 11 8077A

CABLE DEPTH	WATER DEPTH	NO. GUNS	GUN PRES.	GUN DEPTH	SHIPS HEAD	TAIL BOUY
1.39 2.40 3.40 4.41 5.40 6.35	75 ft	4	2000 165	30'	281°	175°

FILE NO.	SP NO.	REMARKS	FILE NO.	SP NO.	REMARKS
500	1513		550		
01			51		
02			52	1461	NC/MR @ 1501
03			53		WD - 84 ft
04	1509		54		
05			55		
06			56	1457	
07			57		
08	1505		58		
09			59		
10			60	1453	
11		FOR 1804 @ 1445	61		FOR 1805 @ 1505
12	1501	SOR 1805 NC/MR	62		SOR 1806
13		WD - 90 ft	63		
14			64	1449	
15			65		
16	1497		66		
17			67		
18			68	1445	
19			69		
20	1493		70		
21			71		
22			72	1441	NC/MR @ 1510
23			73		SH - 282° TRB not visible
24	1489		74		WD - 81 ft
25			75		DRIFT - ft -
26			76	1437	
27			77		
28	1485		78		
29			79		
30			80	1433	
31			81		
32	1481	NC/MR @ 1453	82		
33		SH - 281° TRB - 175°	83		
34		WD - 90 ft	84	1429	
35		DRIFT - 002°	85		
36	1477		86		
37			87		
38			88	1425	
39			89		
40	1473		90		
41			91		
42			92	1421	NC/MR @ 1519
43			93		WD - 78 ft
44	1469		94		
45			95		
46			96	1417	
47			97		
48	1465		98		
49			99		

LINE NO. T0-150 DIR. 278 DEG. PARTY NO. 705 DATE 10/23 PAGE 10 8077A

CABLE DEPTH	WATER DEPTH	NO. GUNS	GUN PRES.	GUN DEPTH	SHIPS HEAD	TAIL BOUY
1.40 2.38 3.42 4.46 5.40 6.35	73 ft	4	2000 lbs	30	283°	174°

FILE NO.	SP NO.	REMARKS
4 00	1613	
01		
02		
03		
04	1609	
05		
06		
07		
08	1605	
09		
10		
11		For 180 @ 1407
12	1601	Sors 120 NS/MR
13		SH - 280° TBD - 174°
14		WD - 73 ft
15		DRFT - 001°
16	1597	
17		
18		
19		
20	1593	
21		
22		
23		
24	1589	
25		
26		
27		
28	1585	
29		
30		
31		
32	1581	NC/MR @ 1414
33		WD - 75 ft
34		
35		
36	1577	
37		
38		
39		
40	1573	
41		
42		
43		
44	1569	
45		
46		
47		
48	1565	
49		

FILE NO.	SP NO.	REMARKS
4 50		
51		
52	1561	NC/MR @ 1422
53		SH - 281 TBD - 173°
54		WD - 87 ft
55		DRFT - 004°
56	1557	
57		
58		
59		
60	1553	
61		For 180 @ 1425
62		SOR 1804
63		
64	1549	
65		
66		
67		
68	1545	
69		
70		
71		
72	154'	NC/MR @ 1429
73		WD - 75 ft
74		
75		
76	1537	
77		
78		
79		
80	1533	
81		
82		
83		
84	1529	
85		
86		
87		
88	1525	
89		
90		
91		
92	1521	NC/MR @ 1437
93		SH - 287° TBD - 175°
94		WD - 75 ft
95		DRIFT - 002°
96	1517	
97		
98		
99		

LINE NO. TD-18Q DIR. 278 DEG. PARTY NO. 705 DATE 10/23 PAGE 09 8077A

CABLE DEPTH	WATER DEPTH	NO. GUNS	GUN PRES.	GUN DEPTH	SHIPS HEAD	TAIL BOUY
1.39 2.38 3.46 4.40 5.46 6.25	10 Fath	4	2000 lbs	30'	279	Nets 16 LE

FILE NO.	SP NO.	REMARKS
300	1713	
01		
02		
03		
04	1709	
05		
06		
07		
08	1705	
09		
10		
11		EOR 1300 @ 1328
12	1701	COR 180° NC/MR
13		WD - 10 fath
14		
15		
16	1697	
17		
18		
19		
20	1693	
21		
22		
23		
24	1689	
25		
26		
27		
28	1685	
29		
30		
31		
32	1681	NC/MR @ 1335
33		SH - 279 TBR - 177°
34		WD - 80 ft
35		Drift - 002°
36	1677	
37		
38		
39		
40	1673	
41		
42		
43		
44	1669	
45		
46		
47		
48	1665	
49		

FILE NO.	SP NO.	REMARKS
350		
51		
52	1661	NC/MR @
53		WD - 66 ft
54		
55		
56	1657	
57		
58		
59		
60	1653	
61		FOR 1801 @ 1347
62		SOR 1800
63		
64	1649	
65		
66		
67		
68	1645	
69		
70		
71		
72	1641	NC/MR @
73		SH - 283° TBR - 172°
74		WD - 75 ft
75		Drift 003°
76	1637	
77		
78		
79		
80	1633	
81		
82		
83		
84	1629	
85		
86		
87		
88	1625	
89		
90		
91		
92	1621	NC/MR @ 1359
93		WD - 78 ft
94		
95		
96	1617	
97		
98		
99		

LINE NO. TD-4PQ DIR. 278 DEG. PARTY NO. 705 DATE 10/23 PAGE 08 8077A

CABLE DEPTH	WATER DEPTH	NO. GUNS	GUN PRES.	GUN DEPTH	SHIPS HEAD	TAIL BOUY
1.38 2.38 3.42 4.40 5.42 6.35	15 Fath	4	200. 165	30'	280°	Not Visible

FILE NO.	SP NO.	REMARKS	FILE NO.	SP NO.	REMARKS
2 00	1813		250		
01			51		
02			52	1761	NC/MR @ 1306
03			53		SH - 278° TBB 117°
04	1809		54		WD 10 Fath
05			55		DRIFT 003°
06			56	1757	
07			57		
08	1805		58		
09			59		
10			60	1753	
11		EOR 1798 @ 1250	61		FOR 1799 @ 1307
12	1801	SOR 1799 NC/MR	62		SOR 1800
13		SH - 280° TBB - Not Visible	63		
14		WD - 15 Fath	64	1749	
15		DRIFT -	65		
16	1797		66		
17			67		
18			68	1745	
19			69		
20	1793		70		
21			71		
22			72	1741	NC/MR @ 1312
23			73		WD - 10 Fath
24	1789		74		
25			75		
26			76	1737	
27			77		
28	1785		78		
29			79		
30			80	1733	
31			81		
32	1781	NC/MR @ 1257	82		
33		WD - 13 Fath	83		
34			84	1729	
35			85		
36	1777		86		
37			87		
38			88	1725	
39			89		PA - SC
40	1773		90		
41			91		
42			92	1721	NC/MR @ 1320
43			93		SH 279 TBB - Not Visible
44	1769		94		WD - 10 Fath
45			95		Drift -
46			96	1717	
47			97		
48	1765		98		
49			99		

LINE NO. T0-4PQ DIR. 278 DEG. PARTY NO. 705 DATE 10/23 PAGE 07 9077A

CABLE DEPTH	WATER DEPTH	NO. GUNS	GUN PRES.	GUN DEPTH	SHIPS HEAD	TAIL BOUY
1.37 2.38 3.424 5.40 5.41 6.35	15 FATH	4	2000 165	30'	288	176°

FILE NO.	SP NO.	REMARKS
100	1913	
01		
02		
03		
04	1909	
05		
06		
07		
08	1905	
09		
10		
11		EOR 1796 @ 1217
12	1901	SOR 1797 NC/MR
13		WD - 15 FATh
14		
15		
16	1897	
17		
18		
19		
20	1893	
21		
22		
23		
24	1889	
25		
26		
27		
28	1885	
29		
30		
31		
32	1881	NC/MRC 1224
33		SH 279° TBB 177°
34		WD - 15 FATh
35		DRFT - 005°
36	1877	
37		
38		
39		
40	1873	
41		
42		
43		
44	1869	
45		
46		
47		
48	1865	
49		

FILE NO.	SP NO.	REMARKS
150		
51		
52	1861	NC/MRC 1231
53		WD - 15 FATh
54		
55		
56	1857	
57		
58		
59		
60	1853	
61		EOR 1797 @ 1234
62		SOR 1798
63		
64	1849	
65		
66		
67		
68	1845	
69		
70		
71		
72	1841	NC/MRC
73		SH -> TBB -
74		WD 15 FATh
75		DRFT -
76	1837	
77		
78		
79		
80	1833	
81		
82		
83		
84	1829	
85		
86		
87		
88	1825	
89		
90		
91		
92	1821	NC/MRC 1244
93		WD - 15 FATh
94		
95		
96	1817	
97		
98		
99		

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CABLE DEPTH	WATER DEPTH	NO. GUNS	GUN PRES.	GUN DEPTH	SHIPS HEAD	TAIL BOUY
1.3723934.24.415.416.35	17 Fath	4	2000 lbs	30'	283°	Not Visible

FILE NO.	SP NO.	REMARKS
~~00~~		
01		
02		
03	-	
04	2009	
05		
06		
07		
08	2005	
09		
10		
11		FOR 1794 @ 1143
12	2001	SOR 1795 NC/MRS
13		SH - 283° TBS - [illegible]
14		WD - 17 Fath
15		[illegible]
16	1997	
17		
18		
19	[illegible]	
20	1993	
21		
22		
23		
24	1989	
25		
26		
27		
28	1985	
29		
30		
31		
32	1981	NC/MR @ 1150
33		WD - 18 Fath
34		
35		
36	1977	
37		
38		
39		
40	1973	
41		
42		
43		
44	1969	
45		
46		
47		
48	1965	
49		

FILE NO.	SP NO.	REMARKS
50		
51		
52	1961	NC/MR @ 1157
53		SH - 281° TBS - 175
54		WD - 15 Fath
55		Draft - 002°
56	1957	
57		
58		
59		
60	1953	
61		FOR 1795 @ 1200
62		SOR 1796
63		
64	1949	
65		
66		
67		
68	1945	
69		
70		
71		
72	1941	NC/MR @ 1204
73		WD - 15 Fath
74		
75		
76	1937	
77		
78		
79		
80	1933	
81		
82		
83		
84	1929	
85		
86		
87		
88	1925	
89		
90		
91		
92	1921	NC/MR @ 1211
93		SH - 280 TBS - 176°
94		WD - 15 Fath
95		Drift - 000°
96	1917	
97		
98		
99		

LINE NO. TD-4 PQ DIR. 278 DEG. PARTY NO. 705 DATE 10/23 PAGE 05 8077A

CABLE DEPTH	WATER DEPTH	NO. GUNS	GUN PRES.	GUN DEPTH	SHIPS HEAD	TAIL BOUY
1. 40 2. 40 3. 44 4. 41 5. 43 6. 35	22 Fath	4	2000 lbs	30'	283°	171°

FILE NO.	SP NO.	REMARKS	FILE NO.	SP NO.	REMARKS
000			050		
01			51	2061	NC/MR @ 1123
02			52	PP SC	WD - 19 FATH
03	2109		53		
04			54		
05			55	2057	
06			56		
07	2105		57		
08			58		
09			59	2053	
10		EOR 1792	60		EOR 1793 @ 1127
11	2101	SOR 1793 NC/MRE 1111	61		SOR 1794
12		WD - 21 FATH	62		
13			63	2049	
14			64		
15	2097		65		
16			66		
17			67	2045	
18			68		
19	2093		69		
20			70		
21			71	2041	NC/MR @ 1130
22			72		SH 283° TBB - 176°
23	2089		73		WD - 19 FATH
24			74		DRIFT - 001°
25			75	2037	
26			76		
27	2085		77		
28			78		
29			79	2033	
30			80		
31	2081	NC/MR @ 1117	81		
32		SH - 286° TBB - 173°	82		
33		WD - 19 FATH	83	2029	
34		DRIFT - 001°	84		
35	2077		85		
36			86		
37			87	2025	
38			88		
39	2073		89		
40			90		
41			91	2021	NC/MR @ 1136
42			92		WD - 18 FATH
43	2069		93		
44			94		
45			95	2017	
46			96		
47	2065		97		
48			98		
49			99	2013	

LINE NO. TB-4PQ DIR. 278 DEG. PARTY NO. 705 DATE 10/23 PAGE 4 8077A

CABLE DEPTH	WATER DEPTH	NO. GUNS	GUN PRES.	GUN DEPTH	SHIPS HEAD	TAIL BOUY
L352.393.454.405.426.35	25 FATH	4	2000.165	30'	281°	172°

FILE NO.	SP NO.	REMARKS	FILE NO.	SP NO.	REMARKS
800			850		
01			51	2161	NC/MR @ 1051
02			52		SH - 282° TBD - 173°
03	2209		53		WD - 22 FATH
04			54		DRFT - 001°
05			55	2137	
06			56		
07	2205		57		
08			58		
09			59	2153	
10		EOR 1790	60		EOR 1791 1055
11	2201	NC/MR @ 1039 SOR 1791	61		SOR 1792
12		SH - 284° TBD - 172°	62		
13		WD - 25 FATH	63	2149	
14		DRIFT - 005°	64		
15	2197		65		
16			66		
17			67	2145	
18			68		
19	2193		69		
20			70		
21			71	2141	NC/MR @ 1058
22			72		WD - 22 FATH
23	2189		73		
24			74		
25			75	2137	
26			76		
27	2185		77		
28			78		
29			79	2133	
30			80		
31	2181	NC/MR @ 1045	81		
32		WD - 22 FATH	82		
33			83	2129	
34			84		
35	2177		85		
36			86		
37			87	2125	
38			88		
39	2173		89		
40			90		
41			91	2121	NC/MR @ 1104
42			92		SH - 283° TBD - 171°
43	2169		93		WD - 22 FATH
44			94		DRIFT - 004°
45			95	2117	
46			96		
47	2165		97		
48			98		
49			99	2113	

LINE NO. TP-490 DIR. 276°DEG. PARTY NO. 705 DATE 10/23 PAGE 3 8077A

CABLE DEPTH	WATER DEPTH	NO. GUNS	GUN PRES.	GUN DEPTH	SHIPS HEAD	TAIL BOUY
1372/1034/54.4/5.4/2637	30 Fath	4	2000/65	30'	272°	173°

FILE NO.	SP NO.	REMARKS
700		
01		
02		
03	2309	
04		
05		
06		
07	2305	
08		
09		
10		NC/MR @ 1007 EOR 1788
11	2301	WD - 30 Fath SOR 1789
12		
13		
14		
15	2297	
16		
17		
18		
19	2293	
20		
21		
22		
23	2289	
24		
25		
26		
27	2285	
28		
29		
30		
31	2281	NC/MR @ 1013
32		SH - 278 TBB - 170°
33		WD - 30 Fath
34		DRIFT - 008°
35	2277	
36		
37		
38		
39	2273	
40		
41		
42		
43	2269	
44		
45		
46		
47	2265	
48		
49		

FILE NO.	SP NO.	REMARKS
750		
51	2261	NC/MR @ 1020
52		VD - 25 Fath
53		
54		
55	2257	
56		
57		
58		
59	2253	
60		EOR 1789 @ 1023
61		SOR 1790
62		
63	2249	
64		
65		
66		
67	2245	
68		
69		
70		
71	2241	NC/MR @ 1027
72		SH - 282° TBB - 175°
73		WD - 25 Fath
74		DRIFT - 000
75	2237	
76		
77		
78		
79	2233	
80		
81		
82		
83	2229	
84		
85		
86		
87	2225	
88		
89		
90		
91	2221	NC/MR @ 1033
92		WD - 25 Fath
93		
94		
95	2217	
96		
97		
98		
99	2213	

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CABLE DEPTH	WATER DEPTH	NO. GUNS	GUN PRES.	GUN DEPTH	SHIPS HEAD	TAIL BOUY
1.38 2.37 3.44 4.41 5.44 6.30	38 FA	4	2kPSI	30'	244	172

FILE NO.	SP NO.	REMARKS
600		
01		
02		
03	09	
04		
05		
06		
07	05	
08		
09		
10		EOR 1786 @ 0937
11	2401	SOR 1787 / NC / MR
12		SH 244 TBB 172
13		Drift-042
14		WD 38 FA
15	2397	
16		
17		
18		
19	93	
20		
21		
22		
23	89	
24		SH 254°
25		
26		
27	45	
28		
29		
30		
31	2361	NC / MR @ 0943
32		WD 39 FA
33		
34		
35	77	
36		
37		
38		
39	73	
40		
41		
42		
43	69	
44		
45		
46		
47	65	
48		
49		

FILE NO.	SP NO.	REMARKS
50		
51	2361	NC/MR @ 0949
52		WD 37 FA
53		
54		
55	57	
56		
57		
58		
59	53	
60		EOR 1781 @ 0954
61		SOR 1788
62		SH 263 TBB - 170°
63	49	
64		
65		
66		
67	45	
68		
69		
70		
71	2341	NC/MR @ 0955
72		WD - 37 FA
73		
74		
75	2337	
76		
77		
78		
79	2333	
80		
81		
82		
83	2329	
84		
85		
86		
87	2325	
88		
89		
90		
91	2321	NC/MR @ 1001
92		SH - 272° TBB - 173°
93		WD - 30 Fath
94		Drift - 013°
95	2317	
96		
97		
98		
99	2313	

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CABLE DEPTH	WATER DEPTH	NO. GUNS	GUN PRES.	GUN DEPTH	SHIPS HEAD	TAIL BOUY
1.392.393.454.415.426.25	15 FA	4	2kpsi	30ft	241	168

FILE NO.	SP NO.	REMARKS
500		
01		
02		
03		
04		
05		
06		
07		
08		
09		
10		
511	2501	SOR 1785 @ 0906
12		SH 244 TBB 168
13		WD 65 FA
14		DRIFT - 046°
15	2497	
16		
17		
18		
19	93	
20		
21		
22		
23	89	
24		
25		
26		
27	85	
28		
29		
30		
31	2481	NC/mr @ ~~NC~~ 0912
32		WD 59 FA
33		
34		
35	77	
36		
37		
38		
39	73	
40		
41		
42		
43	69	
44		
45		
46		
47	65	
48		
49		

FILE NO.	SP NO.	REMARKS
550		
51	2461	NC/mr@ 0918
52		WD 51 FA
53		
54		
55	57	
56		
57		
58		
59	53	
60		EOR 1785@ 0921
61		SOR 1786 PC/SC
62		SH 244 TBB 174
63	49	DRIFT - 040°
64		
65		
66		
67	45	
68		
69		
70		
71	2441	NC/mr@ 0924
72		WD 44 FA
73		
74		
75	37	
76		
77		
78		
79	33	
80		
81		
82		
83	29	
84		
85		
86		
87	25	
88		
89		
90		
91	2421	NC/mr@ 0930
92		WD 42 FA
93		
94		
95	17	
96		
97		
98		
99	13	

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CABLE DEPTH	WATER DEPTH	NO. GUNS	GUN PRES.	GUN DEPTH	SHIPS HEAD	TAIL BOUY
1.40 2.41 3.42 4.43 5.41 6 37	425 Fath	4	2000 lb	30'	272°	176°

FILE NO.	SP NO.	REMARKS	FILE NO.	SP NO.	REMARKS
400			50		
01	4077		51		
02			52		
03			53		
04			54		
05	4073		55		
06			56		
07			57		
08			58		
09	4069		59		
10	4068	Last SP @ 2239	60		
11		STOPPED SHOOTING	61		
12		DUE TO BAD SIGNALS	62		
13	"		63		
14			64		
15			65		
16			66		
17	"		67		
18			68		
19			69		
20			70		
21			71		
22			72		
23			73		
24			74		
25			75		
26			76		
27			77		
28			78		
29			79		
30			80		
31			81		
32			82		
33			83		
34			84		
35			85		
36			86		
37			87		
38			88		
39			89		
40			90		
41			91		
42			92		
43			93		
44			94		
45			95		
46			96		
47			97		
48			98		
49			99		

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CABLE DEPTH	WATER DEPTH	NO. GUNS	GUN PRES.	GUN DEPTH	SHIPS HEAD	TAIL BOUY
1.402.423.414.405.426.37	436 FATH	4	2000 165	30'	266°	178°

FILE NO.	SP NO.	REMARKS	FILE NO.	SP NO.	REMARKS
300			350		
01			51		
02	4177		52		
03			53	4125	
04			54		
05			55		
06	4173		56		
07			57	4121	NC/MR @ 2221
08			58		WD -
09			59		
10	4169		60		
11			61	4117	
12			62		
13			63		
14	4165		64		
15	L 64		65	4113	
16	63		66		
17	62	NO FILE void1782	67		
18	4161		68		
19	4159		69	4109	
20	4158	EOR 1781 @ 2206	70		EOR 1783 @ 2226
21	4157	SOR 1783 2206	71		SOR 178H
22			72		
23			73	4105	
24			74		
25	4153		75		
26			76		
27			77	4101	NC/MR @ 2228
28			78		SH-272° TBD-176°
29	4149		79		WD - 425 FATH
30			80		ORIGT - 010°
31			81	4097	
32			82		
33	4145		83		
34			84		
35			85	4093	
36			86		
37	4141	NC/MR @ 2214	87		
38		SH - 269° TBD - 175°	88		
39		WD - 425 FATH	89	4089	
40		ORIGT - 011°	90		
41	4137		91		
42			92		
43			93	4085	
44			94		
45	4133		95		
46			96		
47			97	4081	NC/MR @ 2234
48			98		WD - 425 FATH
49	4129		99		

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CABLE DEPTH	WATER DEPTH	NO. GUNS	GUN PRES.	GUN DEPTH	SHIPS HEAD	TAIL BOUY
1.402.393.4 4.4 5.4363.2	430	4	2 KPSI	30'	270	179

FILE NO.	SP NO.	REMARKS	FILE NO.	SP NO.	REMARKS
200			50	29	
01			51		
02			52		
03	77		53		
04			54	25	
05			55		
06			56		
07	73		57		
08			58	4221	NC/MR@2193
09			59		WD 430 FA
10			60		
11	69		61		
12			62	17	
13			63		EOR
14		Lost ISP Due to	64	15	EOR 1780@2147
15	65	Transport Malfunction	65	14	SOR 1781
16	4263	EOR 1779@2129	66	4213	~~EOR 1780@~~
17		SOR 1780	67	4212	~~SOR 1781~~
18	4261	NC/MR@2129	68		SH 2bR TBB 25TB
19	~~61~~	WD 430 FA	69		
20			70	09	
21			71		
22	57		72		
23			73		
24			74	05	
25			75		
26	53		76		
27			77		
28			78	4201	NC/MR@2153
29			79	4200	WD- 430 FATH
30	49		80	4199	
31			81		
32			82	97	
33			83		
34	45		84		
35			85		
36			86	93	PA-SC
37			87		ON TIME
38	4291	NC/MR@2135	88		
39		WD 430 FA	89		
40			90	89	
41			91		
42	37		92		
43			93		
44			94	4185	
45			95		
46	33		96		PRF 4 - 005°
47			97		WD - 430 FATH
48			98	4181	NC/MR @ 2200
49			99		SH 265 TBB - 178°

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CABLE DEPTH	WATER DEPTH	NO. GUNS	GUN PRES.	GUN DEPTH	SHIPS HEAD	TAIL BOUY
1.90 2.39 3.93 4.40 5.45 6.30	428	4	2 KPSI	30'	274°	179°

FILE NO.	SP NO.	REMARKS	FILE NO.	SP NO.	REMARKS
100	4381	NC/MR @ 2050	50		
01		WD 428 FA	51	29	
02		SH276 TBB 179	52	28	
03			53		
04	77		54		PESC
05			55	25	
06			56	24	
07			57		
08	73		58		
09			59	4321	NC/MR @ 2107
10			60	4320	~~NC/MR @~~ WD 918 FA
11			61		~~WD FA~~
12	69		62		
13	4368	EOR 1777 @ 2054	63	17	EOR 1778 @ 2109
14	4367	SOR 1778 PESC	64	16	SOR 1779 a
15			65		SH273 TBB 182
16	65		66		
17			67	13	
18			68		
19			69		
20	4361	NC/MR @ 2056	70		
21		WD 429 FA	71	09	
22			72		
23			73		
24	57		74		
25			75	05	
26			76		
27		@2100 Lost S.P.	77		
28	52 53	Due to Speed	78		
29	51		79	4301	NC/MR @ ~~2107~~ 2114
30			80	4300	WD 430 FA
31	49		81	4299	
32	48		82		
33	4347	PESC	83	4297	
34	46	PESC	84		
35	45		85		
36	44		86		
37			87	93	
38			88		
39	4391	NC/MR @	89		Changed Plans @ 2118
40	4390	~~NC/MR @~~ WD	90		
41		~~WD FA~~ PESC	91	89	
42			92		
43	37		93		
44	36		94		
45			95	85	
46			96		
47	33		97		
48	32		98		
49			99	4281	NC/MR @ 2121

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CABLE DEPTH	WATER DEPTH	NO. GUNS	GUN PRES.	GUN DEPTH	SHIPS HEAD	TAIL BOUY
1.__2.__3.__4.__5.__6.__	422 FA	4	2 K PSI	30'	274	178°

FILE NO.	SP NO.	REMARKS
000	———	
001	4480	Polarity Changed
02		@ 2018
03		
04	4477	
05		
06		
07		
08	73	
09		
10		
11		
12	69	
13	4468	EOR 1775 @ 2023
14	4467	SOR 1776
15		
16	65	
17		
18		
19		
20	4461	NC/MR @ 2025
21		WD 422 FA
22		SH 273 TBB 178
23		
24	57	
25		
26		
27		
28	53	
29		
30		
31		
32	49	
33		
34		
35		
36	45	
37		
38		
39		
40	4441	NC/MR @ 2031
41		WD 410 FA
42		
43		
44	37	
45		
46		
47		
48	33	
49		
50		
51		
52	29	
53		
54		
55		
56	25	
57		
58		
59		
60	4421	NC/MR @ 2037
61		WD 418 FA
62		
63	18	EOR 1776 @ 2039
64	17	SOR 1777
65		SH 273 TBB DA
66		
67		
68	13	
69		
70		
71		
72	09	
73		
74		
75		
76	05	
77		
78		
79		
80	4401	NC/MR @ 2049
81	4400	WD 428 FA
82	4399	
83		
84	97	
85		
86		
87		
88	93	
89		
90		
91		
92	89	
93		
94		
95		
96	85	
97		
98		
99		

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CABLE DEPTH	WATER DEPTH	NO. GUNS	GUN PRES.	GUN DEPTH	SHIPS HEAD	TAIL BOUY
1-2 2.3 3.4 3.4 0 5.3 2 6.3 0	422 FA	4	2KPSI	30'	277	178

FILE NO.	SP NO.	REMARKS
900		
01		
02		
03	77	
04		
05		
06		
07	73	
08		
09		
10		
11	69	
12		
13		EOR 1773 @ 1949
14		SOR 1774
15	65	SH 277 TBB 178
16		DRIFT - 005
17		
18		
19	4561	NC/MR @ 1950
20		WD 422 FA
21		
22		
23	57	
24		
25		
26		
27	53	
28		
29		
30		
31	49	
32		
33		
34		
35	45	
36		
37		
38		
39	4541	NC/MR @ 1957
40		WD 422 FA
41		
42		
43	37	
44		
45		
46		
47	33	
48		
49		

FILE NO.	SP NO.	REMARKS
50		
51	29	
52		
53		
54		
55	25	
56		
57		
58		
59	4521	NC/MR @ 2001
60		WD 422 FA
61		SH 274 TBB 179
62		
63	17	EOR 1774 @ 2006
64		SOR 1775
65		
66		
67	13	
68		
69		
70		
71	09	
72		
73		
74		
75	05	
76		
77		
78		
79	4501	NC/MR @ 2011
80	4500	WD 422 FA
81	4499	
82		
83	97	
84		
85		
86		
87	93	
88		
89		
90		
91	89	
92		
93		
94		
95	85	
96		
97		
98		
99	4481	NC/MR @ 2018

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CABLE DEPTH	WATER DEPTH	NO. GUNS	GUN PRES.	GUN DEPTH	SHIPS HEAD	TAIL BOUY
1.40 2.40 3.93 4.40 5.42 6.30	420 FA	4	3000 PSI	30'	279	179

FILE NO.	SP NO.	REMARKS
800		
01		
02		
03	77	
04		
05		
06		
07	73	
08		
09		
10		
11	69	
12		
13		EOR 1771 @ 1915
14		SOR 1772
15	65	SH 274 TBB 179
16		DRIFT 005
17		
18		
19	4661	NC/mrc @ 1917
20		WD 419 FA
21		
22		
23	57	
24		
25		
26		
27	53	
28		
29		
30		
31	49	
32		
33		
34		
35	45	
36		
37		
38		
39	4641	NC/mrc @ 1924
40		WD 419 FA
41		
42		
43	37	
44		
45		
46		
47	33	
48		
49		

FILE NO.	SP NO.	REMARKS
850		
51	25	
52		
53		
54		
55	25	
56		
57		
58		
59	4621	NC/mrc @ 1930
60		WD 419 FA
61		
62		
63	17	EOR 1772 @ 1932
64		SOR 1773
65		SH 224 TBB 177
66		DRIFT -007
67	13	
68		
69		
70		
71	09	
72		
73		
74		
75	05	
76		
77		
78		
79	4601	NC/mrc @ 1939
80		WD 419 FA
81		
82		
83	97	
84		
85		
86		
87	93	
88		
89		
90		
91	89	
92		
93		
94		
95	85	
96		
97		
98		
99	4581	NC/mrc @ 1944

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CABLE DEPTH	WATER DEPTH	NO. GUNS	GUN PRES.	GUN DEPTH	SHIPS HEAD	TAIL BOUY
1.40 2.40 3.43 4.40 5.42 6.30	420 FA	4	2KPSI	30'	273	176

FILE NO.	SP NO.	REMARKS	FILE NO.	SP NO.	REMARKS
700			750		
01			51	25	
02			52		
03	4777		53		
04			54		
05			55	25	
06			56		
07	73		57		
08			58		
09			59	421	NC/MR E 1856
10			60		WD 420
11	69		61		
12			62		
13		EOR 1770 @ 1840	63	17	EOR 1771 @ 1858
14		SOR 1771	64		SOR 1772
15	65	SH 276 TB 176	65		SH 276 TB 176
16		DRIFT - 006	66		TB - 006
17			67	13	
18			68		
19	4761	NC/MR E 1842	69		
20		WD 420 FA	70		
21			71	09	
22			72		
23	57		73		
24			74		
25			75	05	
26			76		
27	53		77		
28			78		
29			79	4701	NC/MR E 1903
30			80		WD 420 FA
31	49		81		
32			82		
33			83	97	
34			84		
35	45		85		
36			86		
37			87	93	
38			88		
39	4741	NC/MR E 1845	89		
40		WD 420 FA	90		
41			91	89	
42			92		
43	37		93		
44			94		
45			95	85	
46			96		
47	33		97		
48			98		
49			99	4781	NC/MR E 1910

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CABLE DEPTH	WATER DEPTH	NO. GUNS	GUN PRES.	GUN DEPTH	SHIPS HEAD	TAIL BOUY
1.41 2.38 3.43 4.41 5.42 6.32	424FA	4	2k psi	30ft	272	178

FILE NO.	SP NO.	REMARKS	FILE NO.	SP NO.	REMARKS
00		/	50		
01	4879		51	29	
02			52		
03			53		
04			54		
05	75		55	25	
06			56		
07			57		
08			58		
09	71		59	4821	NC/mR@ 1821
10			60		WD 422 FA
11			61		
12	4868	E.O.R. 1767 @1804	62		EOR 1768 @ 1822
13	4867	S.O.R. 1768	63	4817	SOR 1769
14		SH 272 TBB 176	64		SH 272 TBB 178
15		DRIFT -008	65		DRIFT -008
16			66		
17	63		67	13	
18			68		
19	4861	NC/mR@ 1806	69		
20		WD 424 FA	70		
21	59		71	09	
22			72		
23			73		
24			74		
25			75	05	
26	54		76		
27			77		
28			78		
29	4851		79	4801	NC/mR@ 1827
30			80		WD420 FA
31	49		81		
32			82		
33			83	97	
34			84		
35	45		85		
36			86		
37			87	93	
38			88		
39	4841	NC/mR@ 1813	89		
40		WD 424 FA	90		
41			91	89	
42			92		
43	37		93		
44			94		
45			95	85	
46			96		
47	33		97		
48			98		
49			99	4761	NC/mR@ 1835

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CABLE DEPTH	WATER DEPTH	NO. GUNS	GUN PRES.	GUN DEPTH	SHIPS HEAD	TAIL BOUY
1.42 2.33 3.44 4.45 5.46 6.32	427	4	2kpsi	30 FA	272°	179

FILE NO.	SP NO.	REMARKS	FILE NO.	SP NO.	REMARKS
500			550		
01			51	4924	
02			52		
03	4977		53		
04			54		
05			55	25	
06			56		
07	73		57		
08			58		
09			59	4921	NC/MR @ 1744
10			60		WO 425 FA
11	69		61		
12	4968	E.O.R. 1765 @ 1727	62	4918	E.O.R 1766 @ 1746
13	4967	S.O.R 1766	63	4917	S.O.R 1767 PE/SC
14		SH 272° TBB 179	64		SH 272° TBB. 177
15		DRIFT - 5°	65		DRIFT + 3
16			66		
17	65		67	13	
18			68		
19	61	NC/MR @ 1729	69	11	
20		WO 426 FA	70		
21			71		
22	56		72		
23			73	7	
24			74		
25			75		
26	54		76		
27			77		
28			78		
29			79	4901	NC/MR @ 1751
30	50		80		WO 425 FA
31			81		
32			82		
33			83		
34	46		84		
35			85		
36			86		
37			87		
38			88		
39	41	NC/MR @ 1736	89	4891	
40		WO 426 FA	90		
41			91		
42			92		
43	37		93		
44			94		
45			95		
46			96		
47	33		97		
48			98		
49			99	4881	NC/MR @ 1759 FA

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CABLE DEPTH	WATER DEPTH	NO. GUNS	GUN PRES.	GUN DEPTH	SHIPS HEAD	TAIL BOUY
1.39 2.40 3.43 4.41 5.42 6.32	430 fm	4	2kps.	30 FT	273°	180°

FILE NO.	SP NO.	REMARKS	FILE NO.	SP NO.	REMARKS
400			450		
01			51	29	
02			52		
03	5077		53		
04			54		
05			55		
06	74		56	29	
07			57		
08			58		
09			59	5021	NC/MR @ 1707
10	70		60		WD 427 FA
11			61		
12	5068	E.O.R. 1763 @ 1651	62	5018	E.O.R. 1764 @ 1709
13	5067	S.O.R. 1769	63	5017	S.O.R. 1765 PE/SC
14		SH 273 TBB 180	64		SH 271 TBB 179
15		DRIFT -5°	65		DRIFT -5°
16			66		
17	63		67	13	
18			68		
19	5061	NC/MR @ 1653	69	11	
20		WD 428 FA	70		
21			71		
22			72		
23	57		73		
24			74	6	
25			75		
26			76		
27	53		77		
28			78		
29	51		79	01	NC/MR @ 1714
30			80	5000	WD 427 FA
31			81	4994	
32			82		
33	47		83		
34			84		
35			85	95	
36			86		
37			87		
38			88		
39	5041	NC/MR @ 1700	89	91	
40		WD 428 FA	90		
41			91		
42			92		
43	37		93	87	
44			94		
45			95		
46			96		
47	33		97		
48			98		
49			99	81	NC/MR @ 1722 FA 426

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CABLE DEPTH	WATER DEPTH	NO. GUNS	GUN PRES.	GUN DEPTH	SHIPS HEAD	TAIL BOUY
1.40 2.40 3.44 4.41 5.44 6.33	430	4	2400 psi	30 Ft	273	180

FILE NO.	SP NO.	REMARKS	FILE NO.	SP NO.	REMARKS
300			350		
01			51	5129	
02			52		
03	5177		53		
04			54		
05			55	25	
06			56		
07	73		57		
08			58		
09			59	21	NC/MR @ 1631
10			60		WD 430 FA
11	69		61		
12	5168	E.O.R. 1761 @ 1617	62	5118	E.O.R. 1762 @ 1633
13	5167	S.O.R. 1762 PE/SC	63	5117	E.O.R. 1763
14		SH 273 TBB 180	64		SH 272° TBB 181
15		DRIFT -5°	65		DRIFT -5°
16	64		66		
17			67		
18			68	12	
19	5161	NC/MR @ 1619	69		
20		WD 430 FA	70		
21			71		
22			72	8	
23	57		73		
24			74		
25			75		
26			76	4	
27	53		77		
28			78	1	
29			79	5101	NC/MR @ 1639
30			80		WD 430 FA
31	49		81	5099	
32			82		
33			83		
34			84		
35	45		85	95	
36			86		
37			87		
38			88		
39	41	NC/MR @ 1625	89	91	
40		WD 430 FA	90		
41			91		
42			92		
43	37		93	87	
44			94		
45			95		
46			96	83	
47	33		97		
48			98		
49			99	81	NC/MR @ 1646 430 FA

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CABLE DEPTH	WATER DEPTH	NO. GUNS	GUN PRES.	GUN DEPTH	SHIPS HEAD	TAIL BOUY
1.40 2.40 3.45 4.41 5.43 6.35	433 FA	4	2KPSI	30'	277	7°STB

FILE NO.	SP NO.	REMARKS	FILE NO.	SP NO.	REMARKS
200			50		
01			51	29	
02			52		
03	5277		53		
04			54		
05			55	25	
06			56		
07	73		57		
08			58		
09			59	5221	NC/MR @ 1600
10			60		WD 433 FA
11	69		61		SH 275 TBB 141
12	5268	EOR 1759 @ 1544	62		EOR 1760 @ 1601
13	5267	SOR 1760 @ 1544	63	17	SOR 1761 @
14			64		DAFT -002
15	65		65		
16			66		
17			67	13	
18			68		
19	5261	NC/MR @ 1546	69		
20		WD 432 FA 1780	70		
21		SH 278 TBB 178°	71	09	
22			72		
23	57		73		
24			74		
25			75	05	
26			76		
27	53		77		
28			78		
29			79	5201	NC/MR @ 1607
30			80	5200	WD 433 FA
31	49		81	5199	
32			82		
33			83	97	
34			84		
35	45		85		
36			86		
37			87	93	
38			88		
39	5241	NC/MR @ 1553	89		
40		WD 432 FA	90		
41			91	89	
42			92		
43	37		93		
44			94		
45			95	85	
46			96		
47	33		97		
48			98		
49			99	81	NC/MR @ 1612 | 432

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CABLE DEPTH	WATER DEPTH	NO. GUNS	GUN PRES.	GUN DEPTH	SHIPS HEAD	TAIL BOUY
1.40 2.40 3.41 4.40 5.43 6.35	438 FA	4	2 KPSI	30'	276°	2°STB

FILE NO.	SP NO.	REMARKS
100		
01		
02		
03	5377	
04		
05		
06		
07	73	
08		
09		
10		
11	69	
12	68	EOR 1757 @ 1506
13	67	SOR 1758 @ 1506
14		
15	65	
16		
17		
18		
19	5361	NC/MR @ 1508
20		WD 439 FA
21		SH TBB
22		
23	57	
24		
25		
26		
27	53	PE SC
28		
29		
30		
31	49	
32		
33		
34		
35	45	
36		
37		
38 X		
39	5341	NC/MR @ 1519
40		WD 435 FA
41		SH277 TBB 6 STB
42		
43	37	
44		
45		
46		
47	33	
48		
49		

FILE NO.	SP NO.	REMARKS
50		
51	29	
52		
53		
54		
55	25	
56		
57		
58		
59	5321	NC/MR @ 1527
60		WD 438 FA
61		
62	5318	EOR 1758 @ 1528
63	5317	SOR 1759 @ 1528
64		
65		
66		
67	13	
68		
69		
70		
71	09	
72		
73		
74		
75	05	
76		
77		
78		
79	5301	NC/MR @ 1534
80	5300	WD 434 FA
81	5299	SH277 TBB 8° STB
82		0 wt 8°
83	97	
84		
85		
86		
87	93	
88		
89		
90		
91	89	
92		
93		
94		
95	85	
96		
97		
98		
99	5281	NC/MR @ 1540

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CABLE DEPTH	WATER DEPTH	NO. GUNS	GUN PRES.	GUN DEPTH	SHIPS HEAD	TAIL BOUY
1.40 2.40 3.42 4.41 5.45 6.37	446	4	2KPSI	30'	278°	5°STB

FILE NO.	SP NO.	REMARKS	FILE NO.	SP NO.	REMARKS
00	—		50		
01			51	5429	
02			52		
03	5477		53		
04			54		
05			55	25	
06			56		
07	73		57		
08			X 58		
09			59	5421	NC/MR @ 1447 WD438
10			60		SH 280 TBB 4°STB
11	69		61		
12		EOR 1755 @ 1432	62	5418	EOR 1756 @ 1449
13		SOR 1756	63	5417	SOR 1757
14			64		
15	65		65		
16			66		
17			67	13	
18			68		
19	9421	NC/MR @ 1434	69		
20		WD 440	70		
21		SH 279 TBB 5°STB	71	09	
22	5458	Reversed Polarity @ 1435	72		
23	57		73		
24			74		
25			75	05	
26			76		
27	53		77		
28			78		
29			79	5401	NC/MR 1459
30			80	5400	WD 438 FA
31	49		81	5399	
32			82		
33			83	5397	
34			84		
35	45		85		
36			86		
37			87	93	
38			88		
39	5441	NC/MR @ 1441	89		
40		WD 439 FA	90		
41			91	89	TRACE 48 Back on SINGLE
42			92	TRACE	@ 1458
43	37		93		
44			94		
45			95	85	
46			96		
47	33		97		
48			98		SH 276 TBB 2° STB @ 1500 COMPRESSOR Problem
49			99	5381	NC/MR @ 150

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CABLE DEPTH	WATER DEPTH	NO. GUNS	GUN PRES.	GUN DEPTH	SHIPS HEAD	TAIL BOUY
1.4o 2.4o 3.4o 4.4/ 5.45 6.37	446 Fath	4	2000 lbs	30'	2760	1780

FILE NO.	SP NO.	REMARKS	FILE NO.	SP NO.	REMARKS
900			950	29	
01			51		
02	5577		52		
03			53		
04			54	25	
05			55		
06	5573		56		
07			57		
08			58	5521	NC/MR@ 1419
09			59		WD 992-FA
10	5569		60		
11		EOR 1753 @ 1359	61		EOR 1754 @ 145
12		EOR 1754	62	17	SOR 1755
13			63		
14	5565		64		
15			65		
16			66	13	
17			67		
18	5561	NC/MR@ 1401	68		
19		WD - 443 FAL	69		
20			70	09	
21			71		
22	5557		72		
23			73		
24			74	05	
25			75		
26	5553		76		
27			77		
28			78	5501	NC/MR@ 1421
29			79	5500	WD 945 FA
30	5549		80	5499	SH279 TB5STB
31		PE	81		
32			82	5497	
33			83		
34	5545		84		
35			85		
36			86	93	
37			87		
38	5541	NC/MR@ 1407	88		
39		WD A42 FA	89		
40		SH277 TB4STB	90	89	
41			91		
42	37		92		
43			93		
44			94	85	
45			95		
46	33		96		
47			97		
48			98	5481	NC/MR@ 1427
49			99		WO 940-FA

LINE NO. 1D-4PQ DIR. 278 DEG. PARTY NO. 725 DATE 10/22 PAGE 57 8077A

CABLE DEPTH	WATER DEPTH	NO. GUNS	GUN PRES.	GUN DEPTH	SHIPS HEAD	TAIL BOUY
1.40 2.40 3.42 4.40 5.42 6.37	449 FATH	4	2000 lbs	30'	277°	177°

FILE NO.	SP NO.	REMARKS
800		
01		
02	5677	
03		
04		
05		
06	5673	
07		
08		
09		
10	5669	
11		FOR 1751 @ 1326
12		SOR 1752
13		
14	5665	
15		
16		
17		
18	5661	NC/MR @ 1328
19		SH - 277 TBB - 177°
20		WD - 449 FATH
21		DRIFT - 004°
22	5657	
23		
24		
25		
26	5653	
27		
28		
29		
30	5649	
31		
32		
33		
34	5645	
35		
36		
37		
38	5641	NC/MR @ 1334
39		WD - 448 FATH
40		
41		
42	5637	
43		
44		
45		
46	5633	
47		
48		
49		

FILE NO.	SP NO.	REMARKS
850	5629	
51		
52		
53		
54	5625	
55		
56		
57		DRIFT - 002°
58	5621	NC/MR @ 1341
59		SH - 278 TBB - 178°
60		WD - 448 FATH
61		FOR 1752 @ 1342
62	5617	SOR 1753
63		
64		
65		
66	5613	
67		
68		
69		
70	5609	
71		
72		
73		
74	5605	
75		
76		
77		
78	5601	NC/MR @ 1348
79		WD - 447 FATH
80		
81		
82	5597	
83		
84		
85		
86	5593	
87		
88		
89		
90	5589	
91		
92		
93		
94	5585	
95		
96		DRIFT - 004°
97		WD - 446 FATH
98	5581	RC/MR @ 1354
99		SH - 276° TBB - 176°

LINE NO. TD4PQ DIR. 278 DEG. PARTY NO. 705 DATE 10/22 PAGE 56 8077A

CABLE DEPTH	WATER DEPTH	NO. GUNS	GUN PRES.	GUN DEPTH	SHIPS HEAD	TAIL BOUY
1.40 2.40 3.42 4.40 5.4637	452 fath	4	2000 165	30'	277°	1780

FILE NO.	SP NO.	REMARKS
700		
01		
02	5777	
03		
04		
05		
06	5773	
07		
08		
09		
10	5769	
11		EOR 1749 @ 1254
12		SOR 1750
13		
14	5765	
15		
16		
17		
18	5761	NC/MR @ 1256
19		WD - 452 fath
20		
21		
22	5757	
23		
24		
25		
26	5753	
27		
28		
29		
30	5749	
31		
32		
33		
34	5745	
35		
36		
37		
38	5741	NC/MR @ 1302
39		SH 280 TBB -175°
40		WD - 451 FATH
41		DRIFT - 001°
42	5737	
43		
44		
45		
46	5733	
47		
48		
49		

FILE NO.	SP NO.	REMARKS
750	5729	
51		
52		
53		
54	5725	
55		
56		
57		
58	5721	NC/MR @ 1308
59		WD - 450 Fath
60		
61		EOR 1750 @ 1309
62	5717	SOR 1751
63		
64		
65		
66	5713	
67		
68		
69		
70	5709	
71		
72		
73		
74	5705	
75		
76		
77		
78	5701	NC/MR @ 1314
79		SH 279° TBB - 176°
80		WD - 449 FATH
81		DRIFT - 003°
82	5697	
83		
84		
85		
86	5693	
87		
88		
89		
90	5689	
91		
92		
93		
94	5685	
95		
96		
97		
98	5681	NC/MR @ 1321
99		WD - 449 Fath

LINE NO. TO-4PQ DIR. 278 DEG. PARTY NO. 705 DATE 10/22 PAGE 55 8077A

CABLE DEPTH	WATER DEPTH	NO. GUNS	GUN PRES.	GUN DEPTH	SHIPS HEAD	TAIL BOUY
1.402.408.4134405.4635	458 FATH	4	2000 lbs	35'	276°	178°

FILE NO.	SP NO.	REMARKS
00		
01		
02	5877	
03		
04		
05		
06	5873	
07		
08		
09		
10	5869	
11		EOR 1747 @ 1221
12		SOR 1748
13		
14	5865	
15		
16		
17		
18	5861	RC/MR @ 1223
19		SH 276° TBG - 178°
20		WD - 458 FATH
21		DRIFT - 0040
22	5857	
23		
24		
25		
26	5853	
27		
28		
29		
30	5849	
31		
32		
33		
34	5845	
35		
36		
37		
38	5841	RC/MR @ 1230
39		WD - 456 FATH
40		
41		
42	5837	
43		
44		
45		
46	5833	
47		
48		
49		

FILE NO.	SP NO.	REMARKS
50	5829	
51		
52		
53		
54	5825	
55		
56		
57		DRIFT - 0030
58	5821	RC/MR 1237
59		SH- 278 TBG-177°
60		WD - 455 FATH
61		EOR 1748 @ 1238
62	5817	SOR 1749
63		
64		
65		
66	5813	
67		
68		
69		
70	5809	
71		
72		
73		
74	5805	
75		
76		
77		
78	5801	RC/MR @ 1243
79		WD - 454 FATH
80		
81		
82	5797	
83		
84		
85		
86	5793	
87		
88		
89		
90	5789	
91		
92		
93		
94	5785	
95		
96		WD - 452 FATH
97		DRIFT - 0030
98	5781	RC/MR @ 1249
99		SH 277° TBG 178°

LINE NO. TO APQ DIR. 278 DEG. PARTY NO. 705 DATE 10/22 PAGE 54 8077A

CABLE DEPTH	WATER DEPTH	NO. GUNS	GUN PRES.	GUN DEPTH	SHIPS HEAD	TAIL BOUY
1.402.403.454.405.406.37	465 Fath	4	2000 lbs	30'	275°	178°

FILE NO.	SP NO.	REMARKS	FILE NO.	SP NO.	REMARKS
500			550	5929	
01			51		
02	5977		52		
03			53		
04			54	5925	
05			55		
06	5973		56		
07			57		
08			58	5921	NC/MR @ 1203
09			59		WD - 458 Fath
10	5969		60		
11			61		EOR 1746 @ 1205
12			62	5917	SOR 1747
13		EOR 1745 @ 1149	63		
14	5965	SOR 1746	64		
15			65		
16			66	5913	
17			67		
18	5961	NC/MR @ 1151	68		
19		WD - 468 Fath	69		
20			70	5909	
21			71		
22	5957		72		
23			73		
24			74	5905	
25			75		
26	5953		76		
27			77		
28			78	5901	RC/MR @ 1210
29			79		SH - 274° TBB = 176°
30	5949		80		WD - 460 Fath
31			81		DRIFT - 0080
32			82	5897	
33			83		
34	5945		84		
35			85		
36			86	5893	
37			87		
38	5941	NC/MR @ 1157	88		
39		SH 273° TBB - 179°	89		
40		WD - 006°	90	5889	
41		DRIFT - 460 FATH	91		
42	5937		92		
43			93		
44			94	5885	
45			95		
46	5933		96		
47			97		
48			98	5881	NC/MR @ 1217
49			99		WD - 458 FATH

LINE NO. TO-480 DIR. 278 DEG. PARTY NO. 705 DATE 10/22 PAGE 53 8077A

CABLE DEPTH	WATER DEPTH	NO. GUNS	GUN PRES.	GUN DEPTH	SHIPS HEAD	TAIL BOUY
1.__2.__3.__4.__5.__6.__	465 Fath	4	2000 lbs	30'	278°	176°

FILE NO.	SP NO.	REMARKS	FILE NO.	SP NO.	REMARKS
400			450	6029	
01			51		
02	6077		52		
03			53		
04			54	6025	
05			55		
06	6073		56		
07			57		DRIFT - 005°
08			58	6021	NC/MR @
09			59		SH - 275° TBB - 178°
10	6069		60		WD - 465 FATh
11		EOR 1743 @ 1115	61		EOR 1744 @ 1131
12		SOR 1744	62	6017	SOR 1745
13			63		
14	6065		64		
15			65		
16			66	6013	
17			67		
18	6061	NC/MR @ 1117	68		
19		SH - 278° TBB - 176°	69		
20		WD - 465 FATh	70	6009	
21		Drift - 004°	71		
22	6057		72		
23			73		
24			74	6005	
25			75		
26	6053		76		
27			77		
28			78	6001	NC/MR @ 1137
29			79		WD - 465 FATh
30	6049		80		
31			81		
32			82	5997	
33			83		
34	6045		84		
35			85		
36			86	5993	
37			87		
38	6041	NC/MR @ 1124	88		
39		WD - 465 FATh	89		
40			90	5989	
41			91		
42	6037		92		
43			93		
44			94	5985	
45			95		
46	6033		96		DRIFT - 005°
47			97		WD - 465 FATh
48			98	5981	NC/MR @ 1144
49			99		SH - 275° TBB - 178°

LINE NO. 10-4PQ DIR. 278 DEG. PARTY NO. 705 DATE 10/22 PAGE 52 8077A

CABLE DEPTH	WATER DEPTH	NO. GUNS	GUN PRES.	GUN DEPTH	SHIPS HEAD	TAIL BOUY
1:40 2:40 3:42 4:41 5:42 6:42	465 Fath	4	2000/65	30'	275°	178°

FILE NO.	SP NO.	REMARKS
300		
01		
02	6177	
03		
04		
05		
06	6173	
07		
08		
09		
10	6169	
11		EOR 1741 @ 1044
12		SOR 1740
13		
14	6165	
15		
16		
17		
18	6161	NC/MR @ 1045
19		WD - 465 FATH
20		
21		
22	6157	
23		
24		
25		
26	6153	
27		
28		
29		
30	6149	
31		
32		
33		
34	6141	
35		
36		
37		
38	6141	NC/MR @ 1052
39		SH - 278 TO 178°
40		WD - 465 fath
41		DRFT - 002
42	6137	
43		
44		
45		
46	6133	
47		
48		
49		

FILE NO.	SP NO.	REMARKS
350	6129	
51		
52		
53		
54	6125	
55		
56		
57		
58	6121	NC/MR @ 1058
59		WD - 465 FATH
60		
61		EOR 1742 @ 1059
62	6117	SOR 1743
63		
64		
65		
66	6113	
67		
68		
69		
70	6109	
71		
72		
73		
74	6105	
75		
76		
77		
78	6101	NC/MR @ 1105
79		WD - 463 FATH
80		SH - 278 TO 178
81		DRFT - 003
82	6097	
83		
84		
85		
86	6093	
87		
88		
89		
90	6089	
91		
92		
93		
94	6085	
95		
96		
97		
98	6081	NC/MR @ 1111
99		WD 463 FATH

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CABLE DEPTH	WATER DEPTH	NO. GUNS	GUN PRES.	GUN DEPTH	SHIPS HEAD	TAIL BOUY
1.402.403.314.375.406.35	465 Fath	4	2K psi	30'	274°	178°

FILE NO.	SP NO.	REMARKS
200		
01		
02	6277	
03		
04		
05		
06	6273	
07		
08		
09		
10	6269	
11		EOR 1739 @ 1001
12		SOR 1740
13		
14	6265	
15		
16		
17		
18	6261	NC/MR @ 1004
19		SH - 274° TBD - 178
20		WD - 465 Fath
21		DRIFT - 006°
22	6257	
23		
24		
25		
26	6253	
27		
28		
29		
30	6249	
31		PNRIH
32		PRR - SC
33		
34	6245	
35		
36		
37		
38	6241	NC/MR @ 1014
39		WD - 465 Fath
40		
41		
42	6237	
43		
44		
45		
46	6233	
47		
48		
49		

FILE NO.	SP NO.	REMARKS
250	6229	
51		
52		
53		
54	6225	
55		
56		
57		DRIFT - 002°
58	6221	WD - 465 Fath
59		NC/MR @ 1023
60		SH 275° TBD
61		EOR 1740 @ 1025
62	6217	SOR 1741
63		
64		
65		
66	6213	
67		
68		
69		
70	6209	
71		
72		
73		
74	6205	
75		
76		
77		
78	6201	NC/MR @ 1032
79		WD - 465 Fath
80		
81		
82	6197	
83		
84		
85		
86	6193	
87		
88		
89		
90	6189	
91		
92		
93		
94	6185	
95		
96		DRIFT - 004°
97		WD - 465 Fath
98	6181	NC/MR @ 1039
99		SH 273 TBD - 178

LINE NO. 1D-4-R DIR. 277 DEG. PARTY NO. 705 DATE 10/22 PAGE 50 8077A

CABLE DEPTH	WATER DEPTH	NO. GUNS	GUN PRES.	GUN DEPTH	SHIPS HEAD	TAIL BOUY
1.392.393.444.911 5.426.32	468 FA	4	2KPSI	30'	276	176

FILE NO.	SP NO.	REMARKS
00	6381	NC/mr @ 0916
01		WD 468 FA
02		
03		
04	77	
05		
06		
07		
08	73	
09		
10		
11		EOR 1737 @ 0920
12	69	SOR 1338
13		SH 276 TBB 176
14		DRIFT - 005
15		
16	65	
17		
18		
19		
20	6361	NC/mr @ 0922
21		WD 468 FA
22		
23		
24	57	
25		
26		
27		
28	53	
29		
30		
31		
32	49	
33		
34		
35		
36	45	
37		
38		
39		
40	6341	NC/mr @ 0928
41		WD 468 FA
42		
43		
44	37	
45		
46		
47		
48	33	
49		

FILE NO.	SP NO.	REMARKS
50		
51		
52	29	
53		
54		
55		
56	25	
57		
58		
59		
60	6321	NC/mr @ 0934
61	20	EOR 1738 @ 0934
62	17	SOR 1739
63		SH 280 TBB 175
64	15	DRIFT - 002
65		
66		
67		
68	11	
69		
70	09	
71		
72		
73		
74	05	
75		
76		
77		
78	6301	NC/mr @ 0943
79		WD 468
80		
81		
82	97	
83		
84		
85		
86	93	
87		
88		
89		
90	89	
91		
92		
93		
94	85	
95		
96		
97		
98	6241	NC/mr @
99		WD - 462 FA HL

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CABLE DEPTH	WATER DEPTH	NO. GUNS	GUN PRES.	GUN DEPTH	SHIPS HEAD	TAIL BOUY
1.__2.__3.__4.__5.__6.__	465	4	2KPSI	30'	277	178

FILE NO.	SP NO.	REMARKS	FILE NO.	SP NO.	REMARKS
00			50		
01			51		
02			52	29	
03	~~77~~		53		
04	77		54		
05			55		
06			56	25	
07	~~73~~		57		
08	73		58		
09			59		
10			60	6421	NC/MR@0904
11	~~6467~~	EOR 1735 @ 0850	61		EOR 1736 @0904
12	6469	SOR 1736 RC/SC	62		SOR 1737
13		SH277T BB178PE/SC	63		SH 277 TBB 178
14			64	17	
15	~~65~~		65		
16	65		66		
17			67		
18			68	13	
19	~~6461~~	~~NC/MRE~~	69		
20	6421	NC/MR@0853	70		
21		WD 445 FA	71		
22			72	09	
23			73		
24	57		74		
25			75		
26			76	05	
27			77		
28	53		78		
29			79		
30			80	6401	NC/MR@ 0900
31			81		
32	49		82		
33			83		
34			84	97	
35			85		
36	45		86		
37			87		
38			88	93	
39			89		
40	6441	NC/MR@ 0855	90		
41		WD 445 FA	91		
42			92	85	
43			93		
44	37		94		
45			95		
46			96	85	
47			97		
48	33		98		
49			99		

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CABLE DEPTH	WATER DEPTH	NO. GUNS	GUN PRES.	GUN DEPTH	SHIPS HEAD	TAIL BOUY
1.36 2.37 3.42 4.41 5.34 6.34	466	9	2KPSI	30'	277	176

FILE NO.	SP NO.	REMARKS
00		
01		
02		
03	77	
04		
05		
06		
07	73	
08		
09		
10		
11	69	EOR 1733 @ 0820
12		SOR 1734
13		SH 277 TBB 06
14		
15	65	
16		
17		
18		
19	6561	0823/NC/mc
20		WD 466 FA
21		
22		
23	57	
24		
25		
26		
27	53	
28		
29		
30		
31	49	
32		
33		
34		
35	45	
36		
37		
38		
39	6541	NC/mr @ 0828
40		
41		
42		
43	37	
44		
45		
46		
47	33	
48		
49		

FILE NO.	SP NO.	REMARKS
50		
51	27	
52		
53		
54		
55	25	
56		
57		
58		
59	6521	NC/mr @ 0835
60		WD 466 FA
61	19	EOR 1734 @ 0836
62		SOR 1735
63	17	SH 277 TBB 176
64		DRIFT-004
65		
66		
67	13	
68		
69		
70		
71	09	
72		
73		
74		
75	05	
76		
77		
78		
79	6501	NC/mr @ 0841
80		WD 466 FA
81		
82		
83	97	
84		
85		
86		
87	93	
88		
89		
90		
91	86	
92		
93		
94		
95	86	
96		
97		
98		
99	54	NC/mr @ 0847

LINE NO. TO-4PQ DIR. 277 DEG. PARTY NO. 705 DATE 10-22 PAGE 47 8077A

CABLE DEPTH	WATER DEPTH	NO. GUNS	GUN PRES.	GUN DEPTH	SHIPS HEAD	TAIL BOUY
1.39 2.40 3.44 4.41 5.43 6.43	468	4	2k psi	30 ft	277°	176°

FILE NO.	SP NO.	REMARKS	FILE NO.	SP NO.	REMARKS
800			850		
01			51	29	
02			52		
03			53		
04	76		54		
05			55	25	
06			56		
07			57		PE
08	6672		58		
09			59	6621	NC/MP @ 0806
10			60		WD 467
11	6664	E.O.R. 1731 @0758	61	6619	EOR 1732 @0806
12	68	S.O.R 1732 PE/SC	62	18	SOR 1733
13		SH 277 TBB 176	63		SH 278 TBB 178
14		DRIFT -4°	64		DRIFT -004
15			65		
16	64		66	14	
17			67		
18			68		
19	61	NC/MR @	69		
20		WD 468 FA	70	10	
21			71		
22			72		
23	57		73		
24			74	06	
25			75		
26			76		
27	53		77		
28			78		
29			79	6601	NC/MR @ 0811
30			80		
31	49		81		
32			82		
33			83	97	
34			84		
35	45		85		
36			86		
37			87	93	
38			88		
39	6641	NC/MR @ 0759	89		
40		WD 469 FA	90		
41			91	89	
42			92		
43	37		93		
44			94		
45			95	85	
46			96		
47	33		97		
48			98		
49			99	81	NC/MR @ 0817

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CABLE DEPTH	WATER DEPTH	NO. GUNS	GUN PRES.	GUN DEPTH	SHIPS HEAD	TAIL BOUY
1.38 2.38 3.43 4.41 5.42 6.34	470 FA	4	2KPSI	30'	276	178

FILE NO.	SP NO.	REMARKS
700		WD 470 FA
01		
02		
03	77	
04		
05		
06		
07	73	
08		
09		
10		
11	69	
12		
13		
14		
15	65	COR 1729 @ 0725
16		SOR 1730 @
17		SH 276 TBB 178
18		DRIFT - 004
19	6761	NC/MR @ 0729
20		
21		
22		
23	57	
24		
25		
26		
27	53	
28		
29		
30		
31	49	
32		
33		
34		
35	45	
36		
37		
38		
39	6741	NC/MR @ 470
40		
41		
42		
43	37	
44		
45		
46		
47	33	
48		
49		

FILE NO.	SP NO.	REMARKS
750		
51	29	
52	6728	POLARITY CHANGE 0734
53		
54		
55		
56	24	
57		
58		
59	6724	NC/MR @ 0737
60		SH 470 TBB
61	6719	E.O.R 1730 @ 0737
62	6718	S.O.R 1731
63	17	SH 277 TBB 176
64		DRIFT - 4°
65	15	~~EOR 1732 @~~
66	14	~~SOR 1734~~
67		
68		
69		
70	10	
71		
72		
73		
74		
75	5	
76		
77		
78		
79	6781	NC/MR @ 0742
80	6700	WO 468 FA
81		
82		
83		
84	6696	
85		
86		
87		
88		
89	6691	
90		
91		
92		
93		
94	86	
95		
96		
97		
98		468 FA
99	6681	NC/WR @ 0748

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CABLE DEPTH	WATER DEPTH	NO. GUNS	GUN PRES.	GUN DEPTH	SHIPS HEAD	TAIL BOUY
2.38 3.43 4.47 5.43 6.32	472	9	2kpsi	30 Ft	279	179

FILE NO.	SP NO.	REMARKS
00		
01		
02	6878	
03		
04		
05		
06	74	
07		
08		
09		
10	69	
11		
12		
13		
14		
15	6865	E.O.R 1727 @ 0653
16	6864	S.O.R 1728 PE
17		SH 279° TBB. 179
18		DRIFT - 1°
19	61	NC/MR @ 0654
20		WD 472 FA
21		
22		
23	57	
24		
25		
26		
27	53	
28		
29	51	
30		
31		
32		
33	47	
34		
35		
36		
37		
38		
39	6841	NC/MR @ 704
40		WD 472 FA
41		
42		
43	37	
44		
45		
46		
47	33	
48		
49		

FILE NO.	SP NO.	REMARKS
650		
51		
52		
53	6827	
54		
55		
56		
57	23	
58		
59	6821	NC/MR @ 0705
60		WD 470 FA
61		
62		
63		
64		
65	6815	E.O.R. 1728 @ 0708
66	6814	S.O.R. 1729
67		SH 277 TBB 179
68		DRIFT -001
69		
70		
71	09	
72		
73		
74		
75	05	
76		
77		
78		
79	6801	NC/MR @ 0712
80		WD 470 FA
81		
82		
83	97	
84		
85		
86		
87	93	
88		
89		
90		
91	89	
92		
93		
94		
95	85	
96		
97		
98		
99	61	NC/MR @ 0718 WD 472 FA

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CABLE DEPTH	WATER DEPTH	NO. GUNS	GUN PRES.	GUN DEPTH	SHIPS HEAD	TAIL BOUY
1.37 2.37 3.43 4.41 5.42 6.34	475	4	2400 psi	30 FT	278	180

FILE NO.	SP NO.	REMARKS
500	6980	
01		
02		
03		
04		
05	6975	
06	74	
07		
08		
09	71	
10		
11		
12		
13	67	
14		
515	6965	E.O.L 1725 @ 0626
16	64	S.O.R. 1726 PE
17		SH 278 TBD 176
18		DRIFT - 2 PE
19	61	NC/MR 0626
20		WD 475 FA
21		
22	58	
23		
24		
25	6955	
26		
27		
28		
29	51	
30		POLARITY CHANGE 0630
31		
32		
33		
34	46	
35		
36		
37		
38		
39	6941	NC/MR @ 0634
40		WD 474 FA
41		
42		
43	37	
44		
45		
46		
47	6933	
48		
49		

FILE NO.	SP NO.	REMARKS
550	6930	
51		
52		
53		
54		
55	25	
56		
57		
58		
59	21	NC/MR @ 0637
60		WD 473 FA
61		
62		
63		
64		
65	6915	E.O.L 1726 @ 0640
66	6914	S.O.R 1727 PE
67		~~SH~~ 278 TBD 178
68		DRIFT - 1
69		
70	10	
71		
72		
73		
74	06	
75		
76		
77		
78		
79	6901	NC/MR @ 1643
80		WD FA
81	6899	
82		
83		
84		
85	95	
86		
87		
88		
89	91	
90		
91		
92		
93		
94	86	
95		
96		
97		
98		
99	01	NC/MR @ WD 0649

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CABLE DEPTH	WATER DEPTH	NO. GUNS	GUN PRES.	GUN DEPTH	SHIPS HEAD	TAIL BOUY
1.35 2.38 3.4441 5.43 6.31	479	4	2kpsi	30 FT	276	180

FILE NO.	SP NO.	REMARKS	FILE NO.	SP NO.	REMARKS
400			450		
01			51	89	
02			52		
03	7077		53		
04			54		
05	7075	E.O.R 1722 @ 0555	55	7025	E.O.R. 1723 @ 0609
06	74	S.O.R 1723	56	24	S.O.R 1724 PE/SC
07		SH 176 TDB 180 PE/SC	57		SH 278 TBB 176
08		DRIFT -1-	58	22	NC/MR 0610 PE/SC
09			59	21	WO 476 FA
10			60		DRIFT - 2
11			61		
12	68		62		
13			63	17	
14			64		
15			465	7015	E.O.R. 1724 0612
16	64	PE	66	14	S.O.R 1725
17			67	7013	SH 278 TBB 176
18	62	NC/MR @ 0558	68		DRIFT -2
19	61	WO 478 FA	69		
20			70		
21			71		
22	58		72	18	
23			73		
24			74		
25			75		
26	54		76	04	
27			77		
28			78		
29	50		79	7081	NC/MR 0615
30	51		80		WO 475 FA
31			81		
32			82		
33	47		83		
34			84	6996	
35			85		
36			86		
37	43		87		
38	7042	NC/MR @	88		PE
39	41	WO 0604 FA	89	91	
40	40	477	90	70	
41			91		
42			92		
43			93		
44			94	96	
45	36		95		
46			96		
47			97		
48			98		
49			99	81	NC/MR @ 062 WO 475 FA

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CABLE DEPTH	WATER DEPTH	NO. GUNS	GUN PRES.	GUN DEPTH	SHIPS HEAD	TAIL BOUY
1. 392. 393. 44 4. 41 5. 44 6. 34	482	4	2kpsi	30 Ft	276	179

FILE NO.	SP NO.	REMARKS	FILE NO.	SP NO.	REMARKS
300			350	7130	
01	7179	~~[illegible]~~	51		
02	7178	PE/SC	52		
03			53		
04			54	26	
05	7175	E.O.R 1720 @ 0525	55	25	E.O.R. 1721 @ 0540
06	7174	S.O.R 1721	56	7124	S.O.R 1722
07		S/L 276 TBB 179	57		~~TBB~~ 277 TBB 178
08		DRIFT 0	58		DRIFT -2°
09	71		59	21	NC/MR @ 0541
10			60		WO / FA
11			61		
12			62		
13	67		63	17	
14			64		
15			65		
16			66		
17	63		67	13	
18			68		
19	61	NC / MR @ 0529	69		
20		WO 482 FA	70		
21			71		
22			72		
23	57		73	07	
24			74		
25			75		
26	54		76	09	
27			77		
28			78		
29	51		79	7101	NC/MR @ 0957
30			80	7100	WO 480 FA
31			81	7099	
32			82		
33	47		83	96	
34			84		
35			85	95	
36			86		
37	43		87	93	
38			88		
39	41	NC/MR 0535	89	91	
40			90		
41			91	89	
42			92		
43	37		93	[illegible]	
44			94		
45			95	85	
46			96		
47	33		97		
48	37		98	7083	NC/MR @ 1552
49			99	81	WO 479 FA

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CABLE DEPTH	WATER DEPTH	NO. GUNS	GUN PRES.	GUN DEPTH	SHIPS HEAD	TAIL BOUY
1.372.373.914.415.456.21	486	4	2kpsi	30ft	298	179'

FILE NO.	SP NO.	REMARKS	FILE NO.	SP NO.	REMARKS
200	7280		250	30	
01			51		
02			52		
03	7277	E.O.R. 1718 @ 0456	53	7227	~~E.O.R. 1719~~ @ 0510
04	7276	S.O.R. 1719	54	26	~~S.O.R. 1720~~
05		SH 298' TBB 179'	55	7225	E.O.R. TBB PE/SC
06		DRIFT 0°	56	24	SOR 1720
07	73		57		
08			58		
09			59	7224	NC/MR @ 0511
10	70		60		WO 405 FA
11			61		
12			62		
13	67		63	17	
14			64		
15			65		
16			66		
17	63		67	13	
18			68		
19	7261	NC/MR @ 0458	69		
20		WO 486 FA	70		
21			71	09	
22			72		
23	57		73		
24			74		
25			75	5	
26			76		
27	53		77		
28			78		
29			79	7201	NC/MR @ 0517
30	50		80	7200	WO 484 FA
31			81		
32			82		
33			83		
34	46		84	96	
35			85		
36			86		
37			87		
38	42		88	91	
39	7241	NC/MR @ 0505	89		
40		WO 484 FA	90		PE/SC
41			91		
42			92	86	
43	37		93		
44			94		
45			95		
46			96	82	
47	33		97	7181	NC/MR @ 0523
48			98		WO FA
49			99		

LINE NO. 70-4PQ DIR. 277 DEG. PARTY NO. 715 DATE 10-22 PAGE 40 8077A

CABLE DEPTH	WATER DEPTH	NO. GUNS	GUN PRES.	GUN DEPTH	SHIPS HEAD	TAIL BOUY
1.392.393.444.415.436.33	493 fa	4	2k psi	30 ft	279	180

FILE NO.	SP NO.	REMARKS	FILE NO.	SP NO.	REMARKS
100			150	7330	
01			51		
02			52		
03	7377	E.O.R 1716 @ 0423	53	7327	E.O.R. 1717 @ 0439
04		S.O.R. 1717	54		S.O.R. 1718 PE/SC
05		SH 279 TBB 180	55		SH 277 TBB 180
06		DRIFT 2°	56		DRIFT 0
07	73		57	23	
08			58		
09			59	21	NC/MR @ 0440
10			60		WD 489 FA
11	69		61		
12			62		
13			63	17	
14			64		
15	65		65		
16			66		
17			67	13	
18			68		
19	61	NC/MR @ 0429	69		
20		WD 495 FA	70		
21			71	09	
22			72		
23	57		73		
24			74		
25			75	05	
26			76		
27	53		77		
28			78		
29			79	7301	NC/MR @ 0446
30			80	300	WD 488 FA
31	49		81		
32			82		
33			83		
34			84	96	
35	45		85		
36			86		
37			87		
38			88		
39	41	NC/MR @ 0434	89	91	
40		WD 490 FA	90		
41			91		
42			92		
43	37		93	87	
44			94		
45			95		
46			96		
47	33		97	83	
48			98		
49			99		NC/MR @ 0445 488

LINE NO. TD YPQ DIR. 277 DEG. PARTY NO. 705 DATE 10-23 PAGE 39 8077A

CABLE DEPTH	WATER DEPTH	NO. GUNS	GUN PRES.	GUN DEPTH	SHIPS HEAD	TAIL BOUY
1.38 2.38 3.44 4.41 5.44 6.32	501 fa	4	2K PSI	30'	282	178

FILE NO.	SP NO.	REMARKS	FILE NO.	SP NO.	REMARKS
~~00~~			50	30	
01			51		
02			52		
03	7477	E.O.R. 1714 @ 0356	53	7427	E.O.R. 1715 @ 0408
04		S.O.R. 1715	54	7426	S.O.R. 1716 PE/SC
05		SH 282 TBB 178	55		SH 280 TBB 179
06		DRIFT + 3	56		DRIFT 2°
07	7473		57		
08			58		
09			59	21	NC/MR @ 0409
10			60		WD 0 FA
11	7469		61		
12			62		
13			63	17	
14			64		
15	7465		65		
16			66		
17			67	13	
18			68		
19	7461	NC/MR @ 0357	69		
20		SH TBB	70		
21		DRIFT WD 498	71	9	
22			72		
23	57		73		
24			74		
25			75	5	
26			76		
27	53		77		
28			78	7401	NC/MR @ 0448
29			79	7400	WD 495 FA
30			80	7399	
31	49		81		
32			82		
33			83		
34			84	95	
35	45		85		
36			86		
37			87		
38			88	91	
39	41	NC/MR @	89		
40		WD 497 FA	90		
41			91		
42			92	87	
43	37		93		
44			94		
45			95		
46			96	83	
47	33		97		
48			98	81	NC/MR @ 0421
49			99	80	WD 493 FA

LINE NO. TD-4PQ DIR. 227 DEG. PARTY NO. 205 DATE 10-31 PAGE 38 8077A

CABLE DEPTH	WATER DEPTH	NO. GUNS	GUN PRES.	GUN DEPTH	SHIPS HEAD	TAIL BOUY
1.39 2.39 3.44 4.41 5.43 6.32	509 Fth	4	2K PSI	30'	280°	180°

FILE NO.	SP NO.	REMARKS	FILE NO.	SP NO.	REMARKS
00			50	2529	
01			51		
902	2527	EDR 1712 @ 0332	952		EDR 1713 @ 0337
03		SDR 1713	53		SDR 1714 PE-SC
04			54	2525	
05			55		
06	2523		56		
07			57		
08			58	2521	NC/MR @ 0329
09			59		SH 280° TBB 180°
10	2569		60		DRIFT 003° WD 508 Fth
11			61		
12			62	2517	
13			63		
14	2565		64		
15			65		PE/SC
16			66	2513	
17			67		
18	2561	NC/MR @ 0327	68		
19		SH 280° TBB 180°	69		
20		DRIFT 003° WD 509	70	2509	
21			71		
22	2557		72		
23			73		
24			74	2505	
25			75		
26	2553		76		
27			77		
28			78	2501	NC/MR @ 0345
29			79		WD 501 Fth.
30	2549		80		
31			81		
32			82	7497	
33			83		
34	2545		84		
35			85		
36		PE/SC	86	7493	
37			87		
38	2541	NC/MR @ 0333	88		
39		WD 504 Fth	89		
40			90	7489	
41			91		
42	2537		92		
43			93		
44			94	7485	
45			95		
46	2533		96		
47			97		NC/MR @ 0351
48			98	7481	SH TBB
49			99		DRIFT WD

LINE NO. TD-4PQ DIR. 223 DEG. PARTY NO. 205 DATE 12-21 PAGE 37 8077A

CABLE DEPTH	WATER DEPTH	NO. GUNS	GUN PRES.	GUN DEPTH	SHIPS HEAD	TAIL BOUY
1.39 2.39 3.43 4.41 5.43 6.38	512 Fth	4	2K PSI	30'	283°	178°

FILE NO.	SP NO.	REMARKS
00		
01		
802	7677	EOR 1710 @ 0252
03		SOR 1711
04		
05		
06	7623	
07		
08		
09		
10	7669	
11		
12		
13		
14	7665	
15		
16		
17		
18	7611	NC/MR @ 0256
19		SH 283° TBB 178°
20		WD 512 DRIFT 007°
21		
22	57	
23		
24		
25		
26	7653	
27		
28		
29		
30	7649	
31		
32		
33		
34	7645	
35		
36		
37		
38	7641	NC/MR @ 0302
39		WD 510 Fth
40		
41		
42	7637	
43		
44		
45		
46	7633	
47		
48		
49		

FILE NO.	SP NO.	REMARKS
50	7629	
51		
852		EDR 1711 @ 0307
53		SOR 1712 PE-SC
54	7625	
55		
56		
57		
58	7621	NC/MR @ 0308
59		SH 280° TBB 180°
60		DRIFT 003° WD 510 Fth
61		
62	7617	
63		
64		
65		
66	7613	
67		
68		
69		
70	7609	
71		
72		
73		
74	7605	
75		
76		
77		
78	7601	NC/MR @ 0314
79		WD 502 Fth
80		
81		
82	7597	
83		
84		
85		
86	7593	
87		
88		
89		
90	7589	
91		
92		
93		
94	7585	
95		
96		
97		NC/MR @ 0320
98	7581	SH 280° TBB 180°
99		DRIFT 003° WD 506 Fth

LINE NO. 7D 41 Q DIR. 277° DEG. PARTY NO. 205 DATE 10-21 PAGE 36 8077A

CABLE DEPTH	WATER DEPTH	NO. GUNS	GUN PRES.	GUN DEPTH	SHIPS HEAD	TAIL BOUY
1.39 2.39 3.43 4.42 5.43 6.38	520 Fth	4	2KPSI	30'	285°	178°

FILE NO.	SP NO.	REMARKS
00		
01		
702	7722	EOR 1708 @ 0220
03		SOR 1709
04		
05		
06	7723	
07		
08		
09		
10	7769	
11		
12		
13		
14	7765	
15		
16		
17		
18	7761	NC/MR @ 0225
19		WD 523 Fth
20		
21		
22	7757	
23		
24		
25		
26	7753	
27		
28		
29		
30	7749	
31		
32		
33		
34	7745	
35		
36		
37		
38	7741	NC/MR @ 0231
39		SH 285° TBB 178°
40		DRIFT 010° WD 520 Fth
41		
42	7737	
43		
44		
45		
46	7733	
47		
48		
49		

FILE NO.	SP NO.	REMARKS
50	7729	
51		
752		EOR 1709 @ 0236
53		SOR 1710
54	7725	
55		
56		
57		
58	7721	NC/MR @ 0238
59		WD 518 Fth
60		
61		
62	7717	
63		
64		
65		
66	7713	
67		
68		
69		
70	7709	
71		
72		
73		
74	7705	
75		
76		
77		
78	7701	NC/MR @ 0244
79		SH 234° TBB 179°
80		DRIFT 005° WD 516 Fth
81		
82	7697	
83		
84		
85		
86	7693	
87		
88		
89		
90	7689	
91		
92		
93		
94	7685	
95		
96		PE/SC
97		
98	7681	NC/MR @ 0250
99		WD 512 Fth

LINE NO. TD4PQ DIR. 277 DEG. PARTY NO. 205 DATE 10-21 PAGE 35 8077A

CABLE DEPTH	WATER DEPTH	NO. GUNS	GUN PRES.	GUN DEPTH	SHIPS HEAD	TAIL BOUY
1.412.383.444.425.436.37	540 Fth	4	0 KPSI	30'	286°	180°

FILE NO.	SP NO.	REMARKS
00		
01		
602	7877	EOR 1706 @ 0149
603		SOR 1707
04		
05		
06	7873	
07		
08		
09		
10	7869	
11		
12		
13		
14	7865	
15		
16		
17		
18	7861	NC/MR @
19		SH 286° TBB 176°
20		WD 540 DRIFT 009°
21		
22	7857	
23		
24		
25		
26	7853	
27		
28		
29		
30	7849	
31		
32		
33		
34	7845	
35		
36		
37		
38	7841	NC/MR @ 0200
39		WD 532
40		
41		
42	7837	
43		
44		
45		
46	7833	
47		
48		
49		

FILE NO.	SP NO.	REMARKS
50	7829	
51		
52		EOR 1707 @ 0205
53		SOR 1708 PE-SS
54	7825	
55		
56		
57		
58	7821	NC/MR @ 0207
59		SH 285° TBB 180°
60		DRIFT 008° WD 530 Fth
61		
62	7817	
63		
64		
65		
66	7813	
67		
68		
69		
70	7809	
71		
72		
73		
74	7805	
75		
76		
77		
78	7801	NC/MR @ 0213
79		WD 529 Fth
80		
81		
82	7797	
83		
84		
85		
86	7793	
87		
88		
89		
90	7789	
91		
92		
93		
94	7785	
95		
96		
97		
98	7781	NC/MR @ 0219
99		SH 284° TBB 178° DRIFT 009° WD 526 Fth

LINE NO. TD-1PQ DIR. 278 DEG. PARTY NO. 795 DATE 10/21 PAGE 34 8077A

CABLE DEPTH	WATER DEPTH	NO. GUNS	GUN PRES.	GUN DEPTH	SHIPS HEAD	TAIL BOUY
1.12 2.39 3.42 4.45 5.51 6.31	538 fath	4	2000 lb	30'	270°	177°

FILE NO.	SP NO.	REMARKS	FILE NO.	SP NO.	REMARKS
500			550	2929	
01			51		
02	7977	EOR 1704 @ 0117	52		
03		SOR 1705	53		EOR 1705 @ 0134
04			54	7925	SOR 1706
05			55		
06	7973		56		
07			57		
08			58	7921	NC/MR @ 0134
09			59		WD 540
10	7969		60		
11			61		
12			62	7917	
13			63		
14	7965		64		PE/SC
15			65		
16			66	7913	
17			67		
18	7961	NC/MR @ 0122	68		
19		WD - 540 Fath	69		
20			70	7909	
21			71		
22	7957		72		
23			73		
24			74	7905	
25			75		
26	7953		76		
27			77		
28			78	7901	NC/MR @ 0141
29			79		sh 286° TBB 178°
30	7949		80		WD 537 Drift 011°
31			81		
32			82	7897	
33			83		
34	7945		84		
35			85		
36			86	7893	
37			87		
38	7941	NC/MR @ 0138	88		
39		sh 287 TBB - 179°	89		
40		WD - 546 Fath	90	7889	
41		Drift - 007°	91		
42	7937		92		
43			93		
44			94	7885	
45			95		
46	7933		96		
47			97		
48			98	7881	NC/MR @ 0147
49			99		WD 537 Fth

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LINE NO. TD-4PQ DIR. 278 DEG. PARTY NO. 705 DATE 10/21 PAGE 33

CABLE DEPTH	WATER DEPTH	NO. GUNS	GUN PRES.	GUN DEPTH	SHIPS HEAD	TAIL BOUY
1.2.3.3.4.4.5.4.6.3	542 FATH	4	2000 lbs	30'	287°	176°

FILE NO.	SP NO.	REMARKS
00		
01		
02	8077	EOR 1702 @ 0043
03		SOR 1703
04		
05		
06	8073	
07		
08		
09		
10	8069	
11		
12		
13		
14	8065	
15		
16		
17		
18	8061	NC/MR @ 0048
19		SH 287° TRB - 176°
20		WD - 542 Fath
21		DRIFT - 005°
22	8057	
23		
24		
25		
26	8053	
27		
28		
29		
30	8049	
31		
32		
33		
34	8045	
35		
36		
37		
38	8041	NC/MR @ 0054
39		WD - 540 Fath
40		
41		
42	8037	
43		
44		
45		
46	8033	
47		
48		
49		

FILE NO.	SP NO.	REMARKS
50	8029	
51		
52		EOR 1703 @ 0100
53		SOR 1704
54	8025	
55		
56		
57		
58	8021	NC/MR @ 0102
59		SH 287° TRB - 176°
60		WD - 541 Fath
61		DRIFT - 005°
62	8017	
63		
64		
65		
66	8013	
67		
68		
69		
70	8009	
71		
72		
73		
74	8005	
75		
76		
77		
78	8001	NC/MR @ 0108
79		WD - 541 Fath
80		
81		
82	7997	
83		
84		
85		
86	7993	
87		
88		
89		
90	7989	
91		
92		
93		
94	7985	
95		
96		DRIFT - 006°
97		WD - 538 Fath
98	7981	NC/MR @ 0115
99		SH 287° TRB 177°

LINE NO. TD-4P-Q DIR. 278 DEG. PARTY NO. 705 DATE 10/21 PAGE 32 8077A

CABLE DEPTH	WATER DEPTH	NO. GUNS	GUN PRES.	GUN DEPTH	SHIPS HEAD	TAIL BOUY
1.4 2.4 3.4 4.4 5.4 6.7	548 Fath	4	2000	30'	286°	1790

FILE NO.	SP NO.	REMARKS	FILE NO.	SP NO.	REMARKS
300			350	8129	
01			51		
02	8177	EOR 1700 @ 0009	52		EOR 1701 @ 0026
03		SOR 1701	53		SOR 1702
04			54	8125	
05			55		PP-SC
06	8173		56		PP-SC
07			57		
08			58	8121	NC/MRC 0027
09			59		WD - 545 Fath.
10	8169		60		
11			61		
12			62	8117	
13			63		
14	8165		64		
15			65		
16			66	8113	
17			67		
18	8161	NC/MR @ 0011	68		
19		WD - 542 Fath	69		
20			70	8109	
21			71		
22	8157		72		
23			73		
24			74	8105	
25			75		
26	8152		76		
27			77		
28			78	8101	NC/MR @ 0034
29			79		SHT 286° TBD - 175°
30	8149		80		WD - 547 FATH
31			81		ORIGT - 003°
32			82	8097	
33			83		
34	8145		84		PP-SC
35			85		
36			86	8093	
37			87		
38	8141	NC/MR @ 0021	88		
39		SH 287° TBE - 177	89		
40		WD - 545 Fath	90	8089	
41		ORIGT 006°	91		
42	8137		92		
43			93		
44			94	8085	
45			95		
46	8133		96		
47			97		
48			98	8081	NC/MR @ 0041
49			99		WD 538 Fath

LINE NO. TP-480 DIR. 278 DEG. PARTY NO. 705 DATE 10/21 PAGE 31 8077A

CABLE DEPTH	WATER DEPTH	NO. GUNS	GUN PRES.	GUN DEPTH	SHIPS HEAD	TAIL BOUY
1.38 2.40 3.34 4.45 5.42 6.36	550 FATH	4	2000 LBS	30'	287°	176°

FILE NO.	SP NO.	REMARKS
200		
01		
02	8277	EOR 1698 @ 2333
03		SOR 1699
04		
05		
06	8273	
07		
08		
09		
10	8269	
11		
12		
13		
14	8265	
15		
16		
17		
18	8261	NC/MR @ 2339
19		SH - 287° TBB - 176°
20		WD - 550 FATH
21		DR. ET - 005°
22	8257	
23		
24		
25		
26	8253	
27		
28		
29		
30	8249	
31		
32		
33		
34	8245	
35		
36		
37		
38	8241	NC/MR @ 2345
39		WD - 545 FATH
40		
41		
42	8237	
43		
44		
45		
46	8233	
47		
48		
49		

FILE NO.	SP NO.	REMARKS
250	8229	
51		
52		EOR 1699 @ 2351
53		SOR 1700
54	8225	
55		
56		
57		
58	8221	NC/MR @ 2352
59		SH - 288° TBB - 176°
60		WD 548 FATH
61		DR ET - 006°
62	8217	
63		
64		
65		
66	8213	
67		
68		
69		
70	8209	
71		
72		
73		
74	8205	
75		
76		
77		
78	8201	NC/MR @ 0000
79		WD - 542 FATH
80		
81		
82	8197	
83		
84		
85		
86	8193	
87		
88		
89		
90	8189	
91		
92		
93		
94	8185	PE/SC
95		
96		DRIG 4 - 007°
97		WD - 518 Fath
98	8181	NC/MR @ 0007
99		SH - 286 TBB - 179°

LINE NO. TO-45Q DIR. 278 DEG. PARTY NO. 705 DATE 10/21 PAGE 30 8077A

CABLE DEPTH	WATER DEPTH	NO. GUNS	GUN PRES.	GUN DEPTH	SHIPS HEAD	TAIL BOUY
1392393424515.4632	566 Fath	4	2000 lbs	30'	284°	178°

FILE NO.	SP NO.	REMARKS
100		
01		
02	8377	EOR 1696 @ 2258
03		SOR 1697
04		
05		
06	8373	
07		
08		
09		
10	8369	
11		
12		
13		
14	8365	
15		
16		
17		
18	8361	NC/MR @ 2303
19		WD - 568 FATH
20		
21		
22	8357	
23		
24		
25		
26	8353	
27		
28		
29		
30	8349	
31		
32		
33		
34	8345	
35		
36		
37		
38	8341	NC/MR @ 2311
39		SH - 285° TOB - 177°
40		WD - 568 FATH
41		DRFT - 004°
42	8337	
43		
44		
45		
46	8333	
47		
48		
49		

FILE NO.	SP NO.	REMARKS
150	8329	
51		
52		EOR 1697 @ 2316
53		SOR 1698
54	8325	PA - SC
55		
56		
57		
58	8321	NC/MR @ 2317
59		WD - 568 FATH
60		
61		
62	8317	
63		
64		
65		
66	8313	
67		
68		
69		
70	8309	PA - SC
71		
72		
73		
74	8305	
75		
76		
77		
78	8301	NC/MR @ 2325
79		SH 285° TOB - 177°
80		WD - 568 FATH
81		DRFT - 0040
82	8297	
83		
84		
85		
86	8293	
87		
88		
89		
90	8289	
91		
92		
93		
94	8285	
95		
96		
97		WD - 568 FATH
98	8281	NC/MR @ 2332
99		

LINE NO. TD-480 DIR. 278 DEG. PARTY NO. 705 DATE 10/21 PAGE 29 8077A

CABLE DEPTH	WATER DEPTH	NO. GUNS	GUN PRES.	GUN DEPTH	SHIPS HEAD	TAIL BOUY
1382391342441 5.A2635	540 FATH	4	2000 165	30'	286°	176°

FILE NO.	SP NO.	REMARKS
~~00~~		
01		
02	8477	EOR 1694 @ 2224
03		SOR 1695
04		
05		
06	8473	
07		
08		
09		
10	8469	
11		
12		
13		
14	8465	
15		
16		
17		
18	8461	NC/MR @
19		SH - 286 TBB - 176°
20		WD - 540 FATH
21		DRIFT - 0040
22	8457	
23		
24		
25		
26	8453	
27		
28		
29		
30	8449	
31		
32		
33		
34	8445	
35		
36		
37		
38	8441	NC/MR @ 2236
39		WD - 550 FATH
40		
41		
42	8437	
43		
44		
45		
46	8433	
47		
48		
49		

FILE NO.	SP NO.	REMARKS
50	8429	
51		
52		EOR 1695 @ 2241
53		SOR 1696
54	8425	
55		
56		
57		
58	8421	NC/MR @ 2242
59		SH - 286 TBB - 177°
60		WD - 540 FATH
61		DRIFT - 005°
62	8417	
63		
64		
65		
66	8413	
67		
68		
69		
70	8409	
71		
72		
73		
74	8405	
75		
76		
77		
78	8401	NC/MR @ 2250
79		WD - 540 FATH
80		
81		
82	8397	
83		
84		
85		
86	8393	
87		
88		
89		PA SC
90	8389	
91		
92		
93		
94	8385	
95		
96		DRIFT - 0040
97		WD - 566 FATH
98	8381	NC/MR @
99		SH - 284° TBB - 178°

LINE NO. 2-4PQ DIR 274 DEG. PARTY NO. 505 DATE 10/21 PAGE 28 6077A

CABLE DEPTH	WATER DEPTH	NO. GUNS	GUN PRES.	GUN DEPTH	SHIPS HEAD	TAIL BOUY
B 2.3 3 3 3 4.4 1 5.4 3 6.3 7	542 fath	4	2k PSI	30'	287	175

FILE NO.	SP NO.	REMARKS
900		
01	8577	EOR 1692@ 2149
02		SOR 1693
03		SH 287 TBB 175
04		DRIFT - 004°
05	73	
06		
07		
08		
09	69	
10		
11		
12		
13	65	
14		
15		
16		
17	8561	NC/MR @ 2155
18		WD 542FA
19		
20		
21	57	
22		
23		
24		
25	53	
26		
27		
28		
29	49	
30		
31		
32		
33	8545	
34		
35		
36		
37	8541	NC/MR @
38		SH - 287° TBB - 175°
39		WD - 542 FAL
40		DRIFT - 004°
41	8537	
42		
43		
44		
45	8532	
46		
47		
48		
49	8529	

FILE NO.	SP NO.	REMARKS
950		
51		EOR 1693 @ 2207
52		SOR 1694 PA-SC
53	8525	
54		
55		
56		
57	8521	NC/MR @ 2208
58		WD - 542 FATh
59		
60		
61	8517	
62		
63		
64		
65	8513	
66		
67		
68		
69	8509	
70		
71		
72		
73	8505	
74		
75		
76		
77	8501	NC/MR @ 2215
78		SH - 285° TBB - 176°
79		WD - 542 FAL
80		DRIFT - 003°
81	8497	
82		
83		
84		
85	8493	
86		
87		
88		
89	8489	
90		
91		
92		
93	8485	
94		
95		
96		
97	8481	NC/MR @ 2222
98		WD - 542 FA
99		

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CABLE DEPTH	WATER DEPTH	NO. GUNS	GUN PRES.	GUN DEPTH	SHIPS HEAD	TAIL BOUY
1.4# 2.39 3.43 4.41 5.42 6.32	540 FA	4	2KPSI	30'	286	177

FILE NO.	SP NO.	REMARKS
400		
01	8677	EOR 1690 C 2115
02		SOR 1691
03		SH 286 TBB 177
04		DRIFT +005
05	73	
06		
07		
08		
09	69	
10		
11		
12		
13	65	
14		
15		
16		
17	8661	NC/mec 2120
18		WD 540 FA
19		
20		
21	57	
22		
23		
24		
25	53	
26		
27		
28		
29	49	
30		
31		
32		
33	45	
34		
35		
36		
37	8641	NC/mec 2127
38		WD 540 FA
39		
40		
41	37	
42		
43		
44		
45	33	
46		
47		
48		
49	29	

FILE NO.	SP NO.	REMARKS
50		
51		EOR 1691 C 2132
52		SOR 1692 PE/SC
53	25	SH 286 TBB 176
54		DRIFT +004
55		
56		
57	8621	NC/mec 2134
58		WD 540 FA
59		
60		
61	17	
62		
63		
64		
65	13	
66		
67		
68		
69	09	
70		
71		
72		
73	05	PE/SC
74		
75		
76		
77	8601	NC/mec C 2141
78		WD 542 FA
79		
80		
81	97	
82		
83		
84		
85	93	
86		
87		
88		
89	89	
90		
91		
92		
93	85	
94		
95		
96		
97	8581	NC/mec C 2149
98		WD 545 FA
99		

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CABLE DEPTH	WATER DEPTH	NO. GUNS	GUN PRES.	GUN DEPTH	SHIPS HEAD	TAIL BOUY
1.32.33.34.40 5.42 6.32	549	9	2KPSI	301	286	178

FILE NO.	SP NO.	REMARKS	FILE NO.	SP NO.	REMARKS
700			50		
01	8777	EOR 1688@ 2040	51		SOR 1689 @ 2058
02		SOR 1689 PE/SC	52		SOR 1690
03		SH286 TBB 178	53	25	SH289 TBB 177
04		DRIFT-006	54		DRIFT 008°
05	73		55		
06			56		
07			57	8721	NC/MRC 2100
08			58		WD 545 FA
09	69		59		
10			60		
11			61	17	
12			62		
13	65		63		
14			64		
15			65	13	
16			66		
17	8761	NC/MRC@ 2045	67		
18		WD 549 FA	68		
19			69	09	
20		PE/SC	70		
21	57		71		
22			72		
23			73	05	
24			74		
25	53		75		
26			76		
27			77	8701	NC/MRC@ 2107
28			78		WD 540 FA
29	49		79		
30			80		
31			81	97	
32			82		
33	45		83		
34			84		
35			85	93	
36			86		
37	41	NC/MRC@ 2053	87		
38		WD545 FA	88		
39			89	89	
40			90		
41	37		91		
42			92		
43			93	85	
44			94		
45	33		95		
46			96		
47			97	8681	NC/MRC@ 2114
48			98		WD540 FA
49	29		99		

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CABLE DEPTH	WATER DEPTH	NO. GUNS	GUN PRES.	GUN DEPTH	SHIPS HEAD	TAIL BOUY
1.39 2.40 3.41 4.40 5.42 6.32	558	4	2KPSI	30'	288	177

FILE NO.	SP NO.	REMARKS
600		
01	8981	EOR 1686 @ 2002
02	76	SOR 1687 @ 2003
03		WD 558 FA
04		SH 288 TBB 177
05	73	DRIFT +007
06		
07		
08		
09	69	
10		
11		
12		
13	65	
14		
15		
16		
17	8961	NC/MR @ 2010
18		WD 525 FA
19		
20		
21	57	
22		
23		
24		
25	53	
26		
27		
28		
29	49	
30		
31		
32		
33	45	
34		
35		
36		
37	8841	NC/MR @
38		WD 569 FA
39		
40		
41	37	
42		
43		
44		
45	33	
46		
47		
48		
49	29	

FILE NO.	SP NO.	REMARKS
650		
51		EOR 1687 @ 2022
52		SOR 1688 PE
53	25	SH 287 TBB 176
54		DRIFT 005
55		
56		
57	8821	NC/MR @ 2024
58		WD 580 FA
59		PE/SC
60		
61	17	
62		
63		
64		
65	13	
66		
67		
68		
69	09	
70		
71		
72		
73	05	
74		
75		
76		
77	8801	NC/MR @ 2031
78		WD 558 FA
79		
80		
81	8797	
82		
83		
84		
85	93	
86		PE/SC
87		
88		
89	89	PE/SC
90		
91		PE
92		
93	85	
94		
95		
96		
97	8781	NC 2038
98		WD 550 FA
99		

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CABLE DEPTH	WATER DEPTH	NO. GUNS	GUN PRES.	GUN DEPTH	SHIPS HEAD	TAIL BOUY
1.38 2.38 3.43 4.41 5.42 6.31		4	2KPSI	30'	287°	178

FILE NO.	SP NO.	REMARKS	FILE NO.	SP NO.	REMARKS
500			50		
01	89 81	NC/MR/EOR 1684 @ 1927	51		EOR 1685 @ 1945
02		SOR 1685	52		SOR 1686
03		WD 665	53	29	SH 289 TBB 176
04			54		
05	77		55		
06			56		
07			57	25	
08			58		
09	73		59		
10			60		
11			61	8921	NC/MR @ 1948
12			62		WD 612 FA
13	69		63		
14			64		
15			65	17	
16			66		
17	65		67		
18			68		
19			69	13	
20			70		
21	8961	NC/MR @ 1934	71		
22		WD 655 FA	72		
23			73	09	
24			74		
25	57		75		
26			76		
27			77	05	
28			78		
29	53		79		
30			80		
31			81	8901	NC/MR @ 1956
32			82	8900	WD 598 FA
33	49		83	8899	
34			84		
35			85	97	
36			86		
37	45		87		
38			88		
39			89	93	
40			90		
41	89 41	NC/MR @ 1942	91		
42		WD 628 FA	92		
43			93	89	
44			94		
45	37		95		
46			96		
47			97	85	
48			98		
49	33		99		

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CABLE DEPTH	WATER DEPTH	NO. GUNS	GUN PRES.	GUN DEPTH	SHIPS HEAD	TAIL BOUY
1.3923833.9944.9154.9263.32	1075FA	4	2KPSI	30'	290°	176°

FILE NO.	SP NO.	REMARKS
400		
01	9081	NC/MR EOR #682 @ 1852
02		SOR 1683
03		WD 1075
04		
05	77	
06		
07		
08		
09	73	
10		
11		
12		
13	69	
14		
15		Gone to 1 SEC DELAY
16		@ 1857
17	65	
18		
19		
20		
21	9061	NC/MR @ 1859
22		WD 859 FA
23		
24		
25	57	
26		
27		
28		
29	53	
30		
31		
32		
33	49	
34		
35		
36		
37	45	
38		
39		
40		
41	9041	NC/MR @ 1906
42		WD 774 FA
43		
44		
45	37	
46		
47		
48		
49	33	

FILE NO.	SP NO.	REMARKS
50		
51		EOR 1683 @ 1909
52		SOR 1684
53	29	SH 289° TBB 177
54		
55		
56		
57	25	
58		
59		
60		
61	9021	NC/MR @ 1913
62		WD 653 FA
63		
64		
65	17	
66		
67		
68		
69	13	
70		
71		
72		
73	09	
74		
75		@ 1918 changed Polarity
76		
77	05	
78		
79		
80		
81	9001	NC/MR @ 1920
82	9000	WD 652 FA
83	8999	
84		
85	97	
86		
87		
88		
89	93	
90		
91		
92		
93	89	
94		
95		
96		
97	85	
98		
99		

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CABLE DEPTH	WATER DEPTH	NO. GUNS	GUN PRES.	GUN DEPTH	SHIPS HEAD	TAIL BOUY
1.39237343 4.41543632	1343	4	2KPSI	30'	288	2°STB

FILE NO.	SP NO.	REMARKS
300		
01	9181	NC/MR EOR 1680 @ 1815
02		SOR 1681 WD 1343 FA
03		
04		
05	77	
06		
07		
08		
09	73	
10		
11		
12		
13	69	
14		2 SEC DELAY @ 1820
15		
16		
17	65	
18		
19		
20		
21	9161	NC/MR @ 1822
22		WD 1287 FA
23		
24		
25	57	
26		
27		
28		
29	53	
30		
31		
32		
33	49	
34		
35		
36		
37	45	
38		
39		
40		
41	9191	NC/MR @ 1829
42		WD 1233 FA
43		SH TBB
44		
45	27	
46		
47		
48		
49	33	
50		
51		EOR 1681 @ 1833
52		SOR 1682 PE SC
53	29	SH 289 TBB 175
54		
55		
56		
57	25	
58		
59		
60		
61	9121	NC/MR @ 1837
62		WD FA
63		
64		
65	17	
66		
67		
68		
69	13	Polarity changed @ 1840
70		
71		
72		
73	09	
74		
75		
76		
77	05	
78		
79		
80		
81	9101	NC/MR @ 1849
82	9100	WD 1175 FA
83		
84		
85	9097	
86		
87		
88		
89	93	
90		
91		
92		
93	89	
94		
95		
96		
97	85	
98		
99		

LINE NO. TD-4PQ DIR. 278 DEG. PARTY NO. 70s DATE 10-21 PAGE 21 8077A

CABLE DEPTH	WATER DEPTH	NO. GUNS	GUN PRES.	GUN DEPTH	SHIPS HEAD	TAIL BOUY
1392.393.424.425.43634	2530 fa	4	2400 psi	30 ft.	289°	176°

FILE NO.	SP NO.	REMARKS	FILE NO.	SP NO.	REMARKS
200	9282	MC/MR WD 2530 FA	250	32	
01	81	E.O.R. 1678 @ 1737 P6/SC	51	9231	E.O.R. 1679 @ 1757
02	80	S.O.R. 1679	52	9230	S.O.R. 1680
03		SH 289° TBB 176°	53		SH 290° TBB 178
04			54		
05			55		
06	76		56	24	
07			57		
08			58		
09			59		
10			60		
11	71		61	21	MC/MR @ 1801
12			62		WD 1390 FA
13			63		
14			64		
15	67		65	17	
16			66		
17			67		
18			68		
19	63		69	13	
20			70		
21	9261	MC/MR @ 1745	71		
22		WD FA	72		
23			73	09	
24			74		
25	57		75		
26			76		
27			77	5	
28			78		
29	53		79		
30	9252	Polarity Change	80		
31			81	9201	MC/MR @ 1808
32			82		WD 1370 FA
33	49		83		
34			84		
35			85	9197	
36			86		
37	45		87		
38			88		
39			89	93	
40			90		
41	9241	MC/MR @ 1753	91		
42		WD 1460 FA	92		
43			93	89	
44			94		
45	37		95		
46			96		
47			97	85	
48			98		
49	33		99		

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CABLE DEPTH	WATER DEPTH	NO. GUNS	GUN PRES.	GUN DEPTH	SHIPS HEAD	TAIL BOUY
1.39 2.39 3.44 4.41 5.42 6.34	2644	4	2kpsi	30 M	288	175

FILE NO.	SP NO.	REMARKS
100	82	
01	9381	E.O.R. 1676 @ 1659
02	80	S.O.R. 1677
03		SH 288 TBB 175
04		NC/MR @ 1659
05		WD 2644 FA
06	76	
07		PE/SC
08		
09		
10	72	
11		
12		
13		
14	68	
15		PE
16		
17		
18	64	
19		
20		
21	9361	NC/MR @ 1706
22		WD 2644 FA
23		
24		
25	57	
26		
27		
28		
29	53	
30		
31		
32		
33	49	
34		
35		
36		
37	45	
38		
39		
40		
41	9341	NC/MR @ 1714
42		WD 2646 FA
43		
44		
45	37	
46		
47		
48		
49	33	

FILE NO.	SP NO.	REMARKS
150		
51	9331	EOR 1677 @ 1718
52	9330	SOR 1678 PE/SC
53	9329	SH 290 TBB 173
54		
55		
56		
57	25	
58		
59		
60		
61	9321	NC/MR @ 1721
62		WD 2630 FA
63		
64		
65	17	
66		
67		
68		
69	13	
70		
71		
72		
73	9309	
74		
75		
76		
77	05	
78		
79		
80		
81	9301	NC/MR @ 1728
82		WD 2530 FA
83		
84		
85	9297	
86		
87		
88		
89	93	
90		
91		@1733 Went to 4 Sec.
92		Delay
93	89	
94		
95		
96		
97	85	
98		
99		

LINE NO. TD-4PQ DIR. 278 DEG. PARTY NO. 705 DATE 10·21 PAGE 19 8077A

CABLE DEPTH	WATER DEPTH	NO. GUNS	GUN PRES.	GUN DEPTH	SHIPS HEAD	TAIL BOUY
1.38 2.34 3.43 4.41 5.43 6.35	2645	4	2kpsi	30 ft	290	174°

FILE NO.	SP NO.	REMARKS	FILE NO.	SP NO.	REMARKS
00	80	NC/MR WD 2645FA	50		
01	9480	E.O.R. 1674 @ 1621	51	9431	E.O.R. 1675 @ 1640
02	9490	S.O.R. 1675	52	9430	S.O.R. 1676
03		SH 290° TBB 174°	53		SH 288 TBB 178
04			54		
05	79		55		
06			56	26	
07		RECORDING OF SONY BUOY ON TRACE 48 STOP	57		
08			58		
09	73		59		
10			60		
11			61	21	NC/MR @ 1644
12			62		WD 2645 FA
13	69		63		
14			64		
15			65	17	
16			66		
17	65		67		
18			68		
19			69		
20			70	12	
21	61	NC/MR @ 1628	71		
22		WD 2645 FA	72		
23			73		
24			74		
25	57		75	7	
26			76		
27			77		
28			78	9404	POLARITY CHANGE
29	53		79		
30			80		
31			81	9401	NC/MR @ 1651
32			82		WD 2644 FA
33	49		83		
34			84		
35			85	97	
36			86		
37	45		87		
38			88		
39			89	93	
40			90		
41	41	NC/MR @ 1636 PE	91		
42		WD 2645 FA	92		
43			93	89	
44			94		
45	37		95		
46			96		
47			97	85	
48			98		
49	33		99		

LINE NO. TO-4PQ DIR. 278 DEG. PARTY NO. 705 DATE 1921 PAGE 18 8077A

CABLE DEPTH	WATER DEPTH	NO. GUNS	GUN PRES.	GUN DEPTH	SHIPS HEAD	TAIL BOUY
1402.408.414.405.4263 5	2638 Fath	4	2000 lbs	30'	290°	177°

FILE NO.	SP NO.	REMARKS
9 00	9581	NC/MR @ 1542
01		FOR 1672 @ 1543
02		SOR 1673
03		WD - 2642 Fath
04	9577	
05		
06		
07		
08	9573	
09		
10		
11		
12	9569	
13		
14		
15		
16	9565	
17		
18		
19		
20	9561	NC/MR @ 1550
21		SH - 289° TBB - 177°
22		WD - 2642 Fath
23		DRIFT = 008°
24	9557	
25		
26		
27		
28	9553	
29		
30		
31		
32	9549	
33		
34		
35		
36	9545	
37		
38		
39		
40	9541	NC/MR @ 1557
41		WD - 2645 FA
42		
43		
44	9537	
45		
46		
47		
48	9533	
49		

FILE NO.	SP NO.	REMARKS
950		
51	9530	E.O.R. 1673 @ 9529
52	29	S.O.R 1674 PE/SC
53		SH 290° TBB 174°
54		
55	26	
56		
57		
58		
59	22	
60	21	NC/MR @ 1604
61		WD 2646 FA
62		
63		
64	17	
65		
66		
67		
68	13	
69		
70		
71		
72	9	
73		
74		
75		
76	5	
77		
78		
79		
80	9501	NC/MR @ 1612
81		WD 2645 FA
82		
83		
84	97	
85		
86		
87		
88	93	
89		
90		
91		
92	89	
93		
94		
95		
96	85	
97		
98		
99		

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CABLE DEPTH	WATER DEPTH	NO. GUNS	GUN PRES.	GUN DEPTH	SHIPS HEAD	TAIL BOUY
1.40 2.40 3.42 4.40 5.42 6.35	2638 FA	4	2 KPSI	30'	289	167°

FILE NO.	SP NO.	REMARKS	FILE NO.	SP NO.	REMARKS
800	9681	NC/MR@ 1505	850		
01		EOR 1670 @ 1505	51		EOR 1671 @ 1524
02		SOR 1671	52	9639	SOR 1672
03		DRIFT - 002°	53		SC
04	77		54		
05			55		
06			56	9625	
07			57		
08	73		58		
09			59		
10			60	9627	NC/MR @ 1527
11			61		WD - 2638 FATH
12	69		62		
13			63		
14			64	9617	
15			65		
16	65		66		
17			67		
18			68	9613	
19			69		
20	9661	NC/MR@ 1512	70		
21		WD - 2638 FATH	71		
22			72	9609	
23			73		
24	9657		74		
25			75		
26			76	9605	
27			77		
28	9653		78		
29			79		
30			80	9601	NC/MR @ 1534
31			81		SH - 290° TBB - 177°
32	9649		82		WD - 2638
33			83		DRIFT - 009°
34			84	9597	
35			85		
36	9645		86		
37			87		
38			88	9593	
39			89		
40	9641	NC/MR @ 1519	90		
41		SH - 290° TBB - 168°	91		
42		WD - 2638 FATH	92	9589	
43		DRIFT - 000	93		
44	9637		94		
45			95		
46		PD - SC	96	9585	
47			97		
48	9633		98		
49			99		

LINE NO. TP-4PQ DIR. 278 DEG. PARTY NO. 705 DATE 10/21 PAGE 16 8077A

CABLE DEPTH	WATER DEPTH	NO. GUNS	GUN PRES.	GUN DEPTH	SHIPS HEAD	TAIL BOUY
1.40 2.40 3.424.405.42635	2638 FA	4	2KAST	30'	285	2°STB

FILE NO.	SP NO.	REMARKS
700	81	NC/MR@1429
01		EOR 1668@1430
02		SOR 1669
03		
04	77	
05		
06		
07		
08	73	
09		
10		
11		
12	69	
13		
14		
15		
16	65	
17		
18		
19		
20	9761	NC/MR@1436
21		WD 2638
22		
23		
24	57	
25		
26		
27		
28	53	PE
29		
30		
31		
32	49	
33		
34		
35		
36	45	
37		
38		
39		
40	9741	NC/MR@1443
41		WD 2628 FA
42		
43		
44	37	
45		
46		
47		
48	33	
49		

FILE NO.	SP NO.	REMARKS
50		
51		EOR 1669@1447
52	29	SOR 1670
53		SH283 TBB 2°STB
54		
55		
56	25	
57		
58		
59		
60	9721	NC/MR@1450
61		WD 2638 FA
62		
63		
64	17	
65		
66		
67		
68	13	
69		
70		
71		
72	09	
73		
74		
75		
76	05	
77		
78		
79		
80	9701	NC/MR@1447
81	9699	WD 2638 FA
82	9699	
83		
84	97	
85		
86		
87		
88	93	
89		
90		
91		
92	89	
93		
94		
95		
96	85	
97		
98		
99		

LINE NO. TO-4PQ DIR. 278 DEG. PARTY NO. 705 DATE 10-21 PAGE 15-B 8077A

CABLE DEPTH	WATER DEPTH	NO. GUNS	GUN PRES.	GUN DEPTH	SHIPS HEAD	TAIL BOUY
1.40 2.40 3.43 4.41 5.41 6.37	2640FA	4	2KPSI	30'	287°	2STB

FILE NO.	SP NO.	REMARKS
600	9881	NC/MR@ 1352
01		EOR 1666@1353
02		SOR 1667
03		
04	77	
05		
06		
07		
08	73	
09		
10		
11		
12	69	
13		
14		
15		
16	65	
17		
18		
19		
20	9861	NC/MR@ 1359
21		WD 2640
22		
23		
24	57	
25		
26		
27		
28	53	
29		
30		
31		
32	49	
33		
34		
35		
36	45	
37		
38		
39		
40	9841	NC/MR@ 1407
41		WD
42		
43		
44	37	
45		
46		
47		
48	33	
49		

FILE NO.	SP NO.	REMARKS
650		
51		EOR 1667@1411
52	29	SOR 1668
53		SH 287° TBB 5°STB
54		
55		
56	25	
57		
58		
59		
60	9821	NC/MR @ 1414
61		WD 2640
62		
63		
64	17	
65		
66		
67		
68	13	
69		
70		
71		
72	09	
73		
74		
75		
76	05	
77		
78		
79		
80	9801	NC/MR@ 1421
81	9799	WD 2640 FA
82		
83	97	
84		
85		
86		
87	93	
88		
89		
90		
91	89	
92		
93		
94		
95	85	
96		
97		
98		
99	9781	NC/MR@ 1429

LINE NO. TD-4RQ DIR. 278 DEG. PARTY NO. 705 DATE 10/21 PAGE 15-A 8077A

CABLE DEPTH	WATER DEPTH	NO. GUNS	GUN PRES.	GUN DEPTH	SHIPS HEAD	TAIL BOUY
1.4024.3434.4154.4163.37	2640 FA	4	2000 lbs	30/	288°	172°

FILE NO.	SP NO.	REMARKS
500	9981	NC/MR @ 1315
01		TBB 172° FOR 1664
02		SOR 1665 WD 2646 FMH
03		DRIFT -00° SH 288
04	9977	
05		
06		
07		
08	9973	
09		
10		
11		
12	9969	
13		
14		
15		
16	9965	
17		
18		
19		
20	9961	NC/MR @ 1322
21		WD- 2640 FMH
22		
23		
24	9957	
25		
26		
27		
28	9953	
29		
30		
31		
32	9949	
33		
34		
35		
36	9945	
37		
38		
39		
40	9941	NC/MR @ 1330
41		SH [illegible] TBB-258
42		WD 2640 FA
43		[illegible]
44	9937	
45		
46		
47		
48	33	
49		

FILE NO.	SP NO.	REMARKS
50		
51		EOR 1665 @ 1334
52	09	SOR 1666
53		
54		
55		
56	25	
57		
58		
59		
60	21	NC/MR @ 1
61		
62		
63	18	NC/MR @ 1339
64	17	WD 2640 FA
65		
66		
67		
68	13	
69		
70		
71		
72	09	
73		
74		
75		
76	05	
77		
78		
79		
80	01	NC/MR @ 1345
81		WD 2640 FA
82	9899	
83		
84	97	
85		
86		
87		
88	93	
89		
90		
91		
92	89	
93		
94		
95		
96	85	
97		
98		
99		

TELEDYNE EXPLORATION

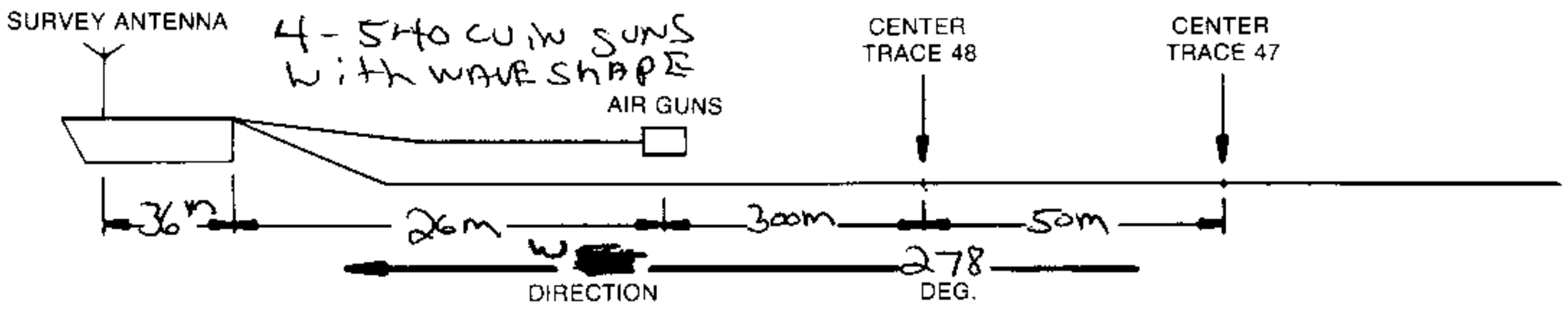
OBSERVER'S DAILY REPORT

JD 294

PARTY NO. 705 SYSTEM TYPE DFS IV DATE 10-20

CLIENT U.S.G.S
LINE NO. TD-4PQ DIR. 278 DEG.
PROSPECT East Coast USA
LOCATION South AREA
SAMPLE RATE 2 MS. BPI 16
RECORD LENGTH 12 SEC.

PRIME NAVIGATION SAT NAV/ LORANC
CABLE TYPE TEC 48 TRACE
TRACE INT 48→25=50m/24→1=100M
SHOT INT. 50m
WEATHER B-3
OBSERVER Poster / McQueen



RECORD				REPRODUCE				
INPUT GAIN (500 OHM IMP)	FILTERS LO/SLOPE	FILTERS HI	MAN / IFP	FILTERS LO	FILTERS HI	TRIP SENSE	INITIAL GAIN	MODE
36 +6	8	124	IFP	OUT	AUTO	30	30	AGC

DECK NO.	REEL NO.	CONSTANTS DAY NO.	CONSTANTS LINE NO.	CONSTANTS DIR. DEG.	FILE NO. FROM	FILE NO. TO	SP NO. FROM	SP NO. TO	TIME START	TIME FINISH
1	1635	294	D004	50 278	001	050	11486	11437	0415	0433
2	1636				051	100	11436	11387	0433	0451
1	1637				101	150	11386	11337	0451	0509
2	1638				151	200	11336	11287	0509	0528
1	1639				201	250	11286	11237	0528	0546
2	1640				251	300	11236	11187	0546	0605
1	1641				301	350	11186	11137	0605	0624
2	1642				351	400	11136	11087	0624	0644
1	1643				401	450	11086	11037	0644	0701
2	1644				451	500	11036	10987	0701	0718
1	1645				501	550	10986	10937	0718	0738
2	1646				551	600	10936	10887	0738	0755
1	1647				601	651	10886	10836	0755	0814
2	1648				652	701	10835	10781	0814	0832
1	1649				702	751	10780	10731	0832	0850
2	1650				752	801	10730	10681	0850	0907
1	1651				802	851	10680	10631	0907	0923
2	1652				852	901	10630	10582	0923	0942
1	1653				902	950	10578	10530	0942	0958
2	1654				951	001	10529	10480	0958	1015
1	1655				002	051	10479	10430	1015	1032
2	1656				052	101	10429	10380	1032	1049
1	1657				102	151	10379	10330	1049	1107
2	1658				152	201	10329	10280	1107	1126
1	1659				202	251	10279	10230	1126	1143
2	1660				252	301	10229	10180	1143	1201
1	1661				302	351	10179	10130	1201	1220
2	1662				352	401	10129	10080	1220	1237

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TELEDYNE EXPLORATION

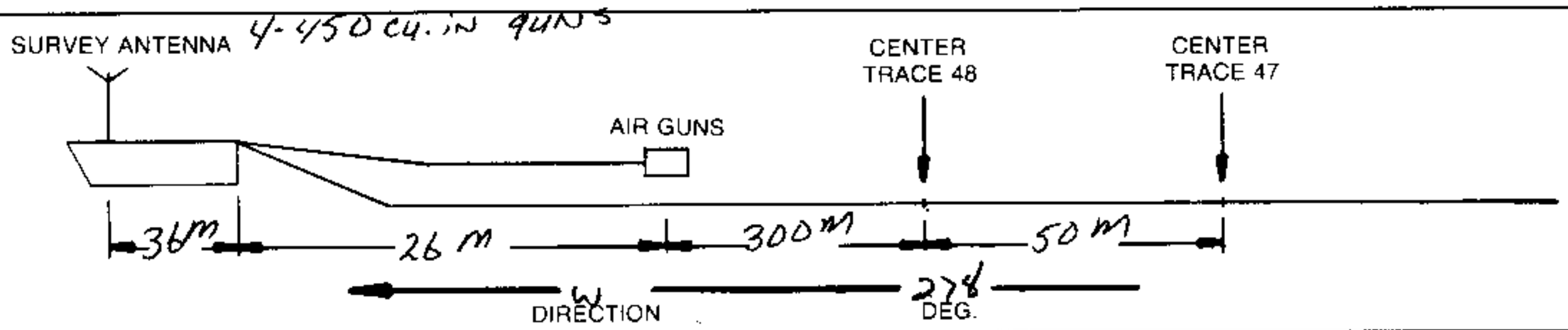
OBSERVER'S DAILY REPORT

24b

PARTY NO. 705 SYSTEM TYPE DFS III DATE

CLIENT USGS
LINE NO. TD-4PQ DIR. 278 DEG.
PROSPECT EAST COAST USA
LOCATION SOUTH AREA
SAMPLE RATE 2 MS. BPI 1600
RECORD LENGTH 12 SEC.

PRIME NAVIGATION SAT NAV / LORAN C
CABLE TYPE TEC 48 TRACE
TRACE INT 48·25=50 M / 24·1=100 M
SHOT INT. 50 M
WEATHER B-4
OBSERVER McQUEEN



RECORD				REPRODUCE				
INPUT GAIN (500 OHM IMP)	FILTERS LO/SLOPE	FILTERS HI	MAN / IFP	FILTERS LO	FILTERS HI	TRIP SENSE	INITIAL GAIN	MODE
36+6	8/OUT	124	IFP	OUT	AUTO	30	30	AGC

DECK NO.	REEL NO.	CONSTANTS DAY NO.	CONSTANTS LINE NO.	CONSTANTS DIR. DEG.	FILE NO. FROM	FILE NO. TO	SP NO. FROM	SP NO. TO	TIME START	TIME FINISH
GMT	SP	296	000400	278						
0906	2501		SOR 1785							
0921	2451		FILTER – LO SLOPE = 8/18							
	1401		CANT PICK UP + AIR BUOY				DUE TO 8	TO 10 FT		SEAS
"	"									

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TELEDYNE EXPLORATION

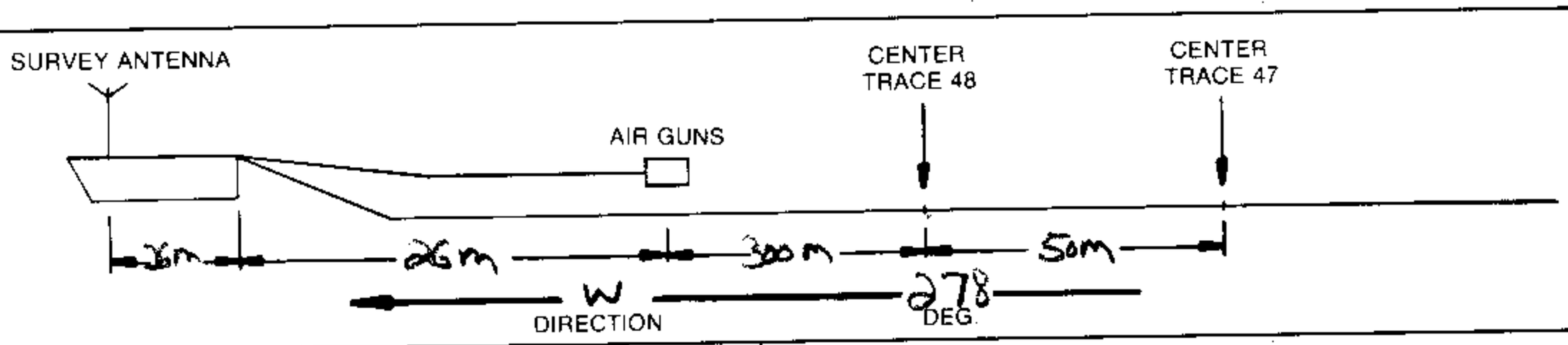
OBSERVER'S DAILY REPORT

JD 294

PARTY NO. 705 SYSTEM TYPE DFS IV DATE 10-21

CLIENT USGS
LINE NO. TD-4PQ DIR. 278 DEG.
PROSPECT EAST COAST USA
LOCATION South AREA
SAMPLE RATE 2 MS. BPI 16
RECORD LENGTH 12 SEC.

PRIME NAVIGATION SAT+NAV / LORANC
CABLE TYPE TEC HR TRACE
TRACE INT 48→25 = 50m 24→1 = 10m
SHOT INT. 50m
WEATHER 8.2
OBSERVER Poster / mcQueer



RECORD

INPUT GAIN (500 OHM IMP)	FILTERS LO/SLOPE	FILTERS HI	MAN / IFP
36+6	8	124	IFP

REPRODUCE

FILTERS LO	FILTERS HI	TRIP SENSE	INITIAL GAIN	MODE
out	AUTO	30	30	AGC

DECK NO.	REEL NO.	CONSTANTS DAY NO.	CONSTANTS LINE NO.	CONSTANTS DIR. DEG.	FILE NO. FROM	FILE NO. TO	SP NO. FROM	SP NO. TO	TIME START	TIME FINISH
1	1663	294/	0004	50/278	402	451	10079	10030	1237	1257
2	1664				452	501	10029	9980	1257	1315
1	1665				502	551	9979	9930	1315	1334
2	1666				552	601	9929	9880	1334	1353
1	1667				602	651	9879	9830	1353	1411
2	1668				652	701	9829	9780	1411	1430
1	1669				702	751	9779	9730	1430	1447
2	1670				752	801	9729	9680	1447	1505
1	1671				802	851	9679	9630	1505	1524
2	1672				852	901	9629	9580	1524	1543
1	1673				902	951	9579	9530	1543	9529
2	1674			(2)	952	001	9529	9481	9529	1621
1	1675				002	051	9480	9431	1621	1640
2	1676				052	101	9430	9381	1640	1659
1	1677				102	151	9380	9331	1659	1718
2	1678				152	201	9330	9281	1718	1737
1	1679				202	251	9280	9231	1737	1757
2	1680				252	301	9230	9181	1757	1815
1	1681				302	351	9180	9131	1815	1833
2	1682				352	401	9130	9081	1833	1852
1	1683				402	451	9080	9031	1852	1909
2	1684				452	501	9030	8981	1909	1927
1	1685				502	551	8980	8931	1927	1945
2	1686				552	601	8930	8881	1945	2002
1	1687				602	651	8876	8827	2003	2022
2	1688				652	701	8826	8777	2022	2040
1	1689				702	751	8776	8727	2040	2058
2	1690				752	801	8726	8677	2058	2115

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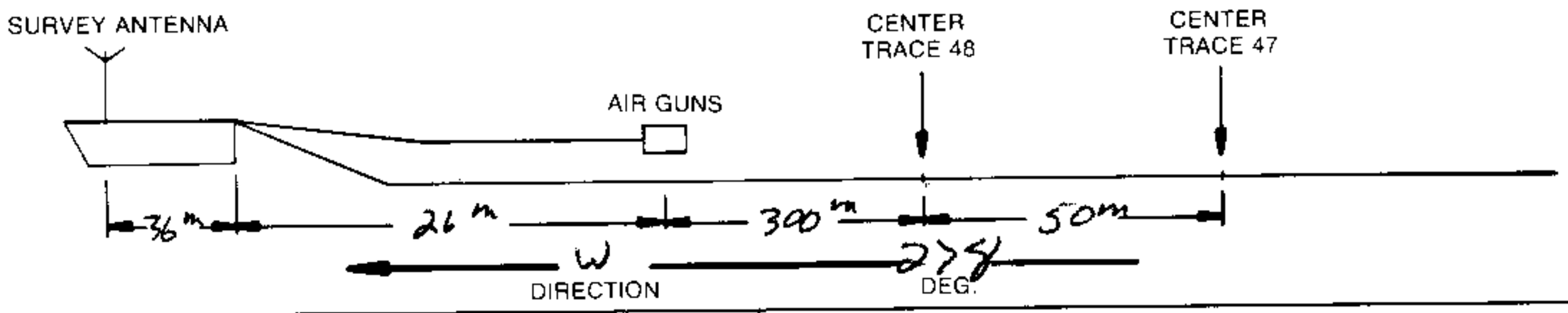
TELEDYNE EXPLORATION

OBSERVER'S DAILY REPORT

PARTY NO. 205 SYSTEM TYPE DFS IV DATE 10/21

CLIENT USGS
LINE NO. TD-4PQ DIR. 278 DEG.
PROSPECT EAST Const USA
LOCATION South Area
SAMPLE RATE 2 MS. BPI 1600
RECORD LENGTH 12 SEC.

PRIME NAVIGATION SATNAV/LORANC
CABLE TYPE EC 48 Trace
TRACE INT 48 → 25 = 50 m / 24 → 1 room
SHOT INT. 50 m
WEATHER B-3
OBSERVER Posten/McQueen



RECORD

INPUT GAIN (500 OHM IMP)	FILTERS LO/SLOPE	FILTERS HI	MAN / IFP
3676	8	124	IFP

REPRODUCE

FILTERS LO	FILTERS HI	TRIP SENSE	INITIAL GAIN	MODE
OUT	AUTO	30	30	AGC

DECK NO.	REEL NO.	CONSTANTS DAY NO.	CONSTANTS LINE NO.	CONSTANTS DIR. DEG.	FILE NO. FROM	FILE NO. TO	SP NO. FROM	SP NO. TO	TIME START	TIME FINISH
1	1691	294	0004	10 278	802	851	8676	8627	2115	2132
2	1692				852	901	8626	8577	2132	2149
1	1693				902	951	8576	8527	2149	2207
2	1694			(3)	952	002	8526	8477	2207	2224
1	1695				003	052	8476	8427	2224	2241
2	1696				053	102	8426	8377	2241	2258
1	1697				103	152	8376	8327	2258	2316
2	1698				153	202	8326	8277	2316	2333
1	1699				203	252	8276	8227	2333	2351
2	1700	— DAY 295			253	302	8226	8177	2351	0009
1	1701				303	352	8176	8127	0009	0026
2	1702				353	402	8126	8077	0026	0043
1	1703				403	452	8076	8027	0043	0100
2	1704				453	502	8026	7977	0100	0117
1	1705				503	553	7976	7926	0117	0134
2	1706				554	602	7925	7877	0134	0149
1	1707				603	652	7876	7827	0149	0205
2	1708				653	702	7826	7777	0205	0220
1	1709				703	752	7776	7727	0220	0236
2	1710				753	802	7726	7677	0236	0252
1	1711				803	852	7676	7627	0252	0307
2	1712				853	902	7626	7577	0307	0322
1	1713				903	952	7576	7527	0322	0337
2	1714				953	003	7526	7477	0337	0356
1	1715				004	053	7476	7427	0356	0408
2	1716				054	103	7426	7377	0408	0423
1	1717				104	153	7376	7327	0423	0439
2	1718				154	203	7326	7277	0439	0456

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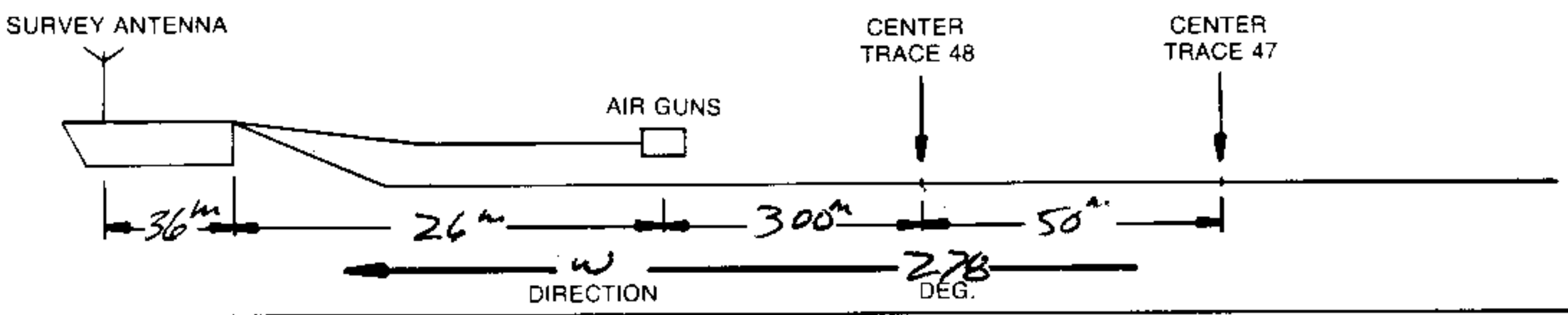
TELEDYNE EXPLORATION

OBSERVER'S DAILY REPORT

PARTY NO. 705 SYSTEM TYPE DFS IV DATE 10-22

CLIENT USGS
PRIME NAVIGATION SATNAV/LORAN C
LINE NO. TD-148 DIR. 278 DEG.
CABLE TYPE TEC 48 TRACE
PROSPECT EAST COAST USM
TRACE INT 48 → 25=50m/24→1=100m
LOCATION SOUTH AREA
SHOT INT. 50m
SAMPLE RATE 2 MS. BPI 1600
WEATHER B-3
RECORD LENGTH 12 SEC.
OBSERVER POSTEN / MCQUEEN



RECORD

INPUT GAIN (500 OHM IMP)	FILTERS LO/SLOPE	FILTERS HI	MAN / IFP
36+6	8	124	IFP

REPRODUCE

FILTERS LO	FILTERS HI	TRIP SENSE	INITIAL GAIN	MODE
OUT	AUTO	30	30	AGC

DECK NO.	REEL NO.	CONSTANTS DAY NO.	CONSTANTS LINE NO.	CONSTANTS DIR. DEG.	FILE NO. FROM	FILE NO. TO	SP NO. FROM	SP NO. TO	TIME START	TIME FINISH
1	1719	294	0004/10	278	204	255	7276	7225	0456	0510
2	1720				256	305	7224	7175	0510	0525
1	1721				306	355	7174	7125	0525	0540
2	1722				356	405	7124	7075	0548	0555
1	1723				406	455	7073	7025	0555	0609
2	1724				456	465	7024	7015	0609	0612
1	1725				466	515	7017	6965	0612	0626
2	1726				516	565	6969	6915	0626	0640
1	1727				566	615	6919	6865	0640	0653
2	1728				616	665	6864	6815	0653	0708
1	1729				666	715	6814	6765	0708	0725
2	1730				716	761	6764	6719	0725	0737
1	1731				762	811	6718	6669	0737	0752
2	1732				812	861	6668	6619	0752	0806
1	1733				862	911	6618	6569	0806	0820
2	1734				912	962	6568	6519	0820	0836
1	1735				962	011	6518	6470	0836	0850
2	1736				012	061	6469	6420	0850	0904
1	1737				062	111	6419	6370	0904	0920
2	1738				112	161	6369	6320	0920	0934
1	1739				162	211	6317	6268	0934	1001
2	1740				212	261	6267	6218	1001	1025
1	1741				262	311	6217	6168	1025	1044
2	1742				312	361	6167	6118	1044	1059
1	1743				362	411	6117	6068	1059	1115
2	1744				412	461	6067	6018	1115	1131
X 1	1745	6001 - Survey			462	513	6017	5966	1131	1149
2	1746				514	561	5965	5918	1149	1205

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TELEDYNE EXPLORATION

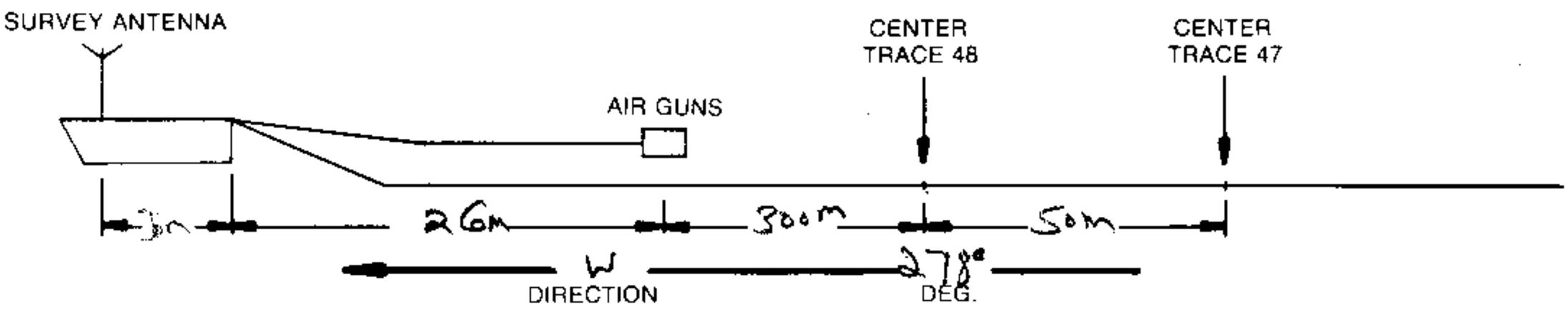
OBSERVER'S DAILY REPORT

JD 295

PARTY NO. 705 SYSTEM TYPE DFS IV DATE 10-22

CLIENT USGS
LINE NO. ID-48Q DIR. 278 DEG.
PROSPECT East Coast USA
LOCATION South AREA
SAMPLE RATE 2 MS. BPI 1600
RECORD LENGTH 12 SEC.

PRIME NAVIGATION SAT NAV/LORAN C
CABLE TYPE TECH 8 TRACE
TRACE INT 48→25=50M/24→1=100M
SHOT INT. 50m
WEATHER B-3
OBSERVER Paster/McQueen



RECORD				REPRODUCE				
INPUT GAIN (500 OHM IMP)	FILTERS LO/SLOPE	FILTERS HI	MAN / IFP	FILTERS LO	FILTERS HI	TRIP SENSE	INITIAL GAIN	MODE
36+6	8	124	IFP	out	Auto	30	30	AGC

DECK NO.	REEL NO.	CONSTANTS DAY NO.	CONSTANTS LINE NO.	CONSTANTS DIR. DEG.	FILE NO. FROM	FILE NO. TO	SP NO. FROM	SP NO. TO	TIME START	TIME FINISH
1	1747	294	00041	0/278	562	611	5917	5868	1205	1221
2	1748	647		?	612	651	5867	5818	1221	1238
1	1749	662		?	652	711	5817	5768	1238	1254
2	1750				712	761	5767	5718	1254	1309
1	1751				762	811	5717	5668	1309	1326
2	1752				812	851	5667	5618	1326	1342
1	1753				852	911	5617	5568	1342	1359
2	1754				912	961	5567	5518	1359	1415
1	1755				962	012	5517	5468	1415	1432
2	1756				013	063	5567	5418	1432	1449
X1	1757	5389 - Tape Normal			064	112	5416	5388	1449	1506
2	1758				113	162	5387	5318	1506	1528
1	1759				163	212	5317	5265	1528	1544
2	1760				213	262	5267	5218	1544	1601
1	1761				263	312	5217	5168	1601	1617
2	1762				313	362	5167	5118	1617	1633
1	1763				363	412	5117	5068	1633	1651
2	1764				413	462	5067	5018	1651	1709
1	1765				463	512	5017	4968	1709	1727
2	1766				513	562	4967	4918	1727	1746
1	1767				563	612	4917	4868	1746	1804
2	1768				613	663	4867	4817	1804	1822
1	1769				664	713	4816	4767	1822	1840
2	1770				714	763	4766	4717	1840	1858
1	1771				764	813	4716	4667	1858	1915
2	1772				814	863	4666	4617	1915	1932
1	1773				864	913	4616	4567	1932	1949
2	1774				914	963	4566	4517	1949	2006

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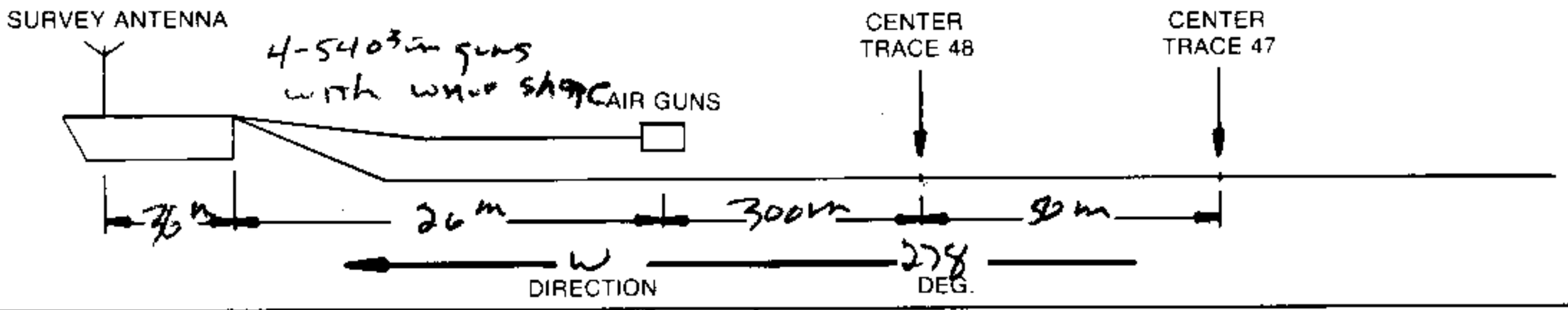
TELEDYNE EXPLORATION

OBSERVER'S DAILY REPORT

PARTY NO. 205 SYSTEM TYPE DFS IV DATE 10/22

CLIENT USGS
LINE NO. ID-470 DIR. 278 DEG.
PROSPECT East Coast
LOCATION South Area
SAMPLE RATE 2 MS. BPI 1600
RECORD LENGTH 12 SEC.

PRIME NAVIGATION Sat Nav/Loran-C
CABLE TYPE TEC 48 TRACE
TRACE INT 48-25=50m/24-1=100m
SHOT INT. 50 M
WEATHER B-3
OBSERVER Foster/McLucas



RECORD

INPUT GAIN (500 OHM IMP)	FILTERS LO/SLOPE	FILTERS HI	MAN / IFP
36+6	8	121	IFP

REPRODUCE

FILTERS LO	FILTERS HI	TRIP SENSE	INITIAL GAIN	MODE
OUT	AUTO	30	30	AGC

DECK NO.	REEL NO.	CONSTANTS DAY NO.	CONSTANTS LINE NO.	CONSTANTS DIR. DEG.	FILE NO. FROM	FILE NO. TO	SP NO. FROM	SP NO. TO	TIME START	TIME FINISH
1	1775				964	013	4516	4468	2006	2023
2	1776				019	063	4467	4418	2003	2039
1	1777				064	113	4417	4368	2039	2054
2	1778				119	163	4367	4317	2054	2109
1	1779				169	213	4316	4263	2109	2129
2	1780				219	264	4262	4215	2129	2147
1	1781				265	320	4214	4158	2147	2206
2	1783				321	370	4157	4108	2206	2226
1	1784				371	410	4107	4068	2226	2239

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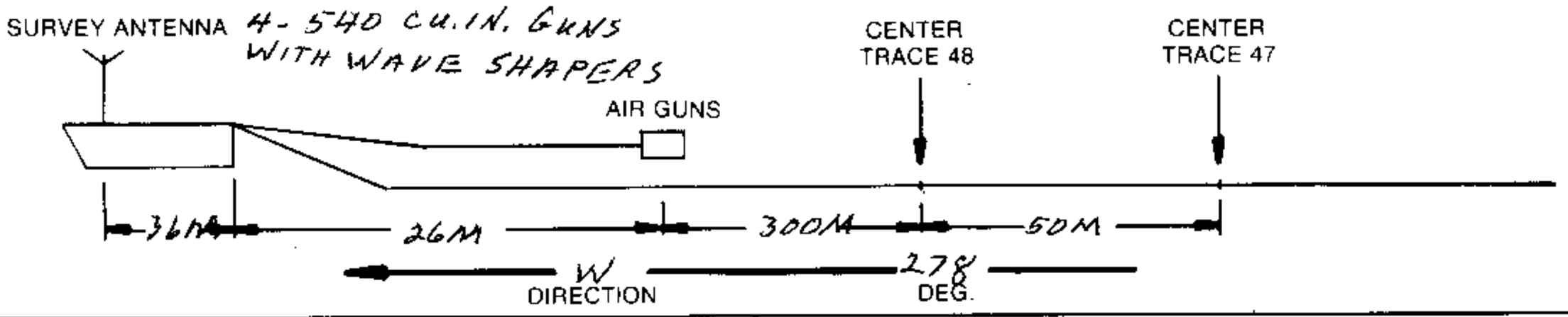
TELEDYNE EXPLORATION

OBSERVER'S DAILY REPORT

PARTY NO. 705 SYSTEM TYPE DFS IV DATE 294

CLIENT USGS
LINE NO. ID-4PQ DIR. 278 DEG.
PROSPECT E. COAST USA
LOCATION SOUTH AREA
SAMPLE RATE 2 MS. BPI 1600
RECORD LENGTH 12 SEC.

PRIME NAVIGATION SAT. NAV. / LORAN 'C'
CABLE TYPE TEC 48 TRACE
TRACE INT 48-25=50M / 24-2=100M
SHOT INT. 50 M
WEATHER B-3
OBSERVER POSTEN / McQUEEN



RECORD				REPRODUCE				
INPUT GAIN (500 OHM IMP)	FILTERS LO/SLOPE	FILTERS HI	MAN / IFP	FILTERS LO	FILTERS HI	TRIP SENSE	INITIAL GAIN	MODE
36+6	8/OUT	124	IFP	OUT	AUTO	30	30	AGC

DECK NO.	REEL NO.	CONSTANTS DAY NO.	CONSTANTS LINE NO.	CONSTANTS DIR. DEG.	FILE NO. FROM	FILE NO. TO	SP NO. FROM	SP NO. TO	TIME START	TIME FINISH
GMT	SP	NOTES:								
		REEL #'S [redacted]-1633 & 1634 USED FOR SIGNATURE								
		TESTS								
0415	11486	-ESP - 6 SECOND DELAY IN RECORDERS								
0500	11361	SHIP NOISE ON RECORDS ALSO ANOTHER SEIS CREW								
	[redacted]	SHOOTING IN AREA.								
0750	10921	OTHER CREW NOISE OFF RECORDS								
0805	10859	SAT. NAV. SP. ADJUST FROM 10859 TO 10853 (5 SPS)								
0942	10579	LOST 2 POPS - XPORT MALFUNCTION (SPS 10581 - 10580)								
1043	10401	TRACE #48 ON SONARBUOY SHOOTING								
1623	9475	TRACE #48 TO NORMAL SHOOTING								
1733	9291	DECREASED DELAY TIME TO 4 SECONDS								
1737	9281	WATER DEPTHS CHANGING RAPIDLY ON APPROACH TO								
		BLAKES PLATEAU								
1740	9254	DECREASE DELAY TIME TO 3 SECONDS								
1820	9168	DECREASE DELAY TIME TO 2 SECONDS								
2003	8876	LOST 4 POPS - XPORT MALFUNCTION (SPS 8880 - 79 - 78 + 77)								
0000	8201	MIDNIGHT SP								
0109	8001	TRACE #48 USED FOR SONARBUOY SHOOTING								

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TELEDYNE EXPLORATION
OBSERVER'S DAILY REPORT

JD-295

PARTY NO. 705 SYSTEM TYPE DFS IV DATE 10/21/77

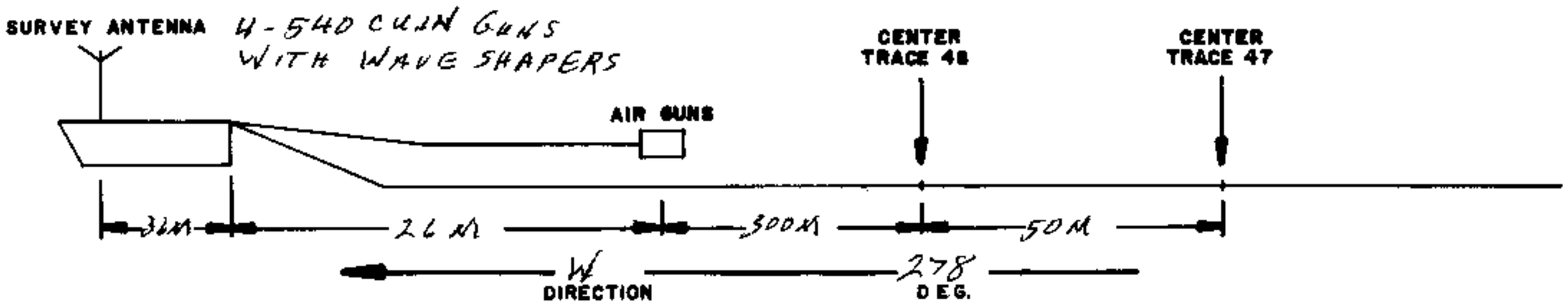
LINE NO. ID-4PQ DIR. 278 DEG. CABLE TYPE ~~EEC~~-48 TRACE

PROSPECT E. COAST USA TRACE INT. 48-25=50M/24-1=100M

LOCATION SOUTH AREA SHOT INT. 50M

SAMPLE RATE 2 MS. BPI 1600 WEATHER B-3

RECORD LENGTH 12 SEC. OBSERVER POSTEN / McQUEEN



RECORD				REPRODUCE				
INPUT GAIN (500 OHM IMP)	FILTERS LO/SLOPE	FILTERS HI	MAN / IFP	FILTERS LO	FILTERS HI	TRIP SENSE	INITIAL GAIN	MODE
36+6	8/18	124	IFP	OUT	AUTO	30	30	AGC

DECK NO.	REEL NO.	CONSTANTS DAY NO.	CONSTANTS LINE NO.	CONSTANTS DIR. DEG.	FILE NO. FROM	FILE NO. TO	SP NO. FROM	SP NO. TO	TIME START	TIME FINISH
SP	GMT	NOTES:								
7701	0244	'O' DELAY ON RECORDERS								
7558	0315	LO-CUT FILTERS			SET TO 8/18					
7525	0338	TRACE # 48 - OFF			SONOBUOY - BACK TO NORMAL SHOOTING					
6318	0934	LOST 2 POPS (6320-6319) - XPORT MALFUNCTION								
6307	0947	# 2 GUN OFF LINE								
6301	0913	# 2 GUN BACK ON LINE								
6001	1137	TRACE # 48 SWITCHED TO SONOBUOY SHOOTING								
5389	1458	TRACE # 48 BACK TO NORMAL SHOOTING								
5382	1500	SLOWING BOAT DOWN - COMPRESSOR PROBLEMS								
4501	2011	TRACE # 48 USED FOR SONOBUOY SHOOTING								
4352	2100	LOST 1 POP (SP 4353) DUE TO BOAT SPEED FLUCTUATION								
4264	2129	LOST 1 POP (SP-4264) "			"		"		"	
4159	2206	LOST 1 POP (SP-4160) DUE TO BAD TAPE (VOID TAPE 1782)								
4145	2217	SHOOTING ON TIME DUE TO BAD SIGNALS								
4068	2239	STOPPED SHOOTING DUE TO BAD SIGNALS								

TELEDYNE EXPLORATION

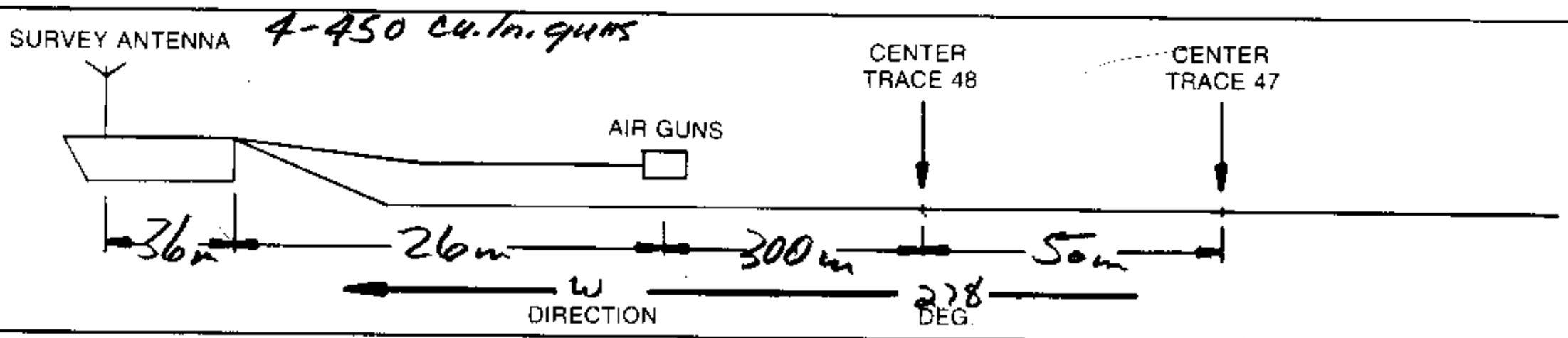
U. S. G. S. CONTRACT NO. 14-08-0001-16209

OBSERVER'S DAILY REPORT

PARTY NO. 705 SYSTEM TYPE DFS IV DATE 10-23

CLIENT USGS
LINE NO. TD-4PQ DIR. 278 DEG.
PROSPECT EAST COAST USA
LOCATION South Area
SAMPLE RATE 2 MS. BPI 1600
RECORD LENGTH 12 SEC.

PRIME NAVIGATION SAT/NAV/LORAN C
CABLE TYPE TEC 48 TRACE
TRACE INT ~~25~~-25=50m/24-1=100m
SHOT INT. 50m
WEATHER B-4
OBSERVER McQUEEN



RECORD				REPRODUCE				
INPUT GAIN (500 OHM IMP)	FILTERS LO/SLOPE	FILTERS HI	MAN / IFP	FILTERS LO	FILTERS HI	TRIP SENSE	INITIAL GAIN	MODE
36+6	B/OUT	124	IFP	OUT	AUTO	30	30	AGC

DECK NO.	REEL NO.	CONSTANTS DAY NO.	CONSTANTS LINE NO.	CONSTANTS DIR. DEG.	FILE NO. FROM	FILE NO. TO	SP NO. FROM	SP NO. TO	TIME START	TIME FINISH
1	1785	296	000400	278	511	560	2501	2452	0906	0921
2	1786				561	610	2451	2402	0921	0937
1	1787				611	660	2401	2352	0937	0954
2	1788				661	710	2351	2302	0954	1001
1	1789				711	760	2301	2252	1001	1023
2	1790				761	810	2251	2202	1023	1039
1	1791				811	860	2201	2152	1039	1055
2	1792				861	910	2151	2102	1055	1111
1	1793				911	960	2101	2052	1111	1127
2	1794				961	011	2051	2002	1127	1143
1	1795				012	061	2001	1952	1143	1200
2	1796				062	111	1951	1902	1200	1217
1	1797				112	161	1901	1852	1217	1234
2	1798				162	211	1851	1802	1234	1250
1	1799				212	261	1801	1752	1250	1309
2	1800				262	311	1751	1702	1309	1328
1	1801				312	361	1701	1652	1328	1347
2	1802				362	411	1651	1602	1347	1407
1	1803				412	461	1601	1552	1407	1425
2	1804				462	511	1551	1502	1425	1445
1	1805				512	561	1501	1452	1445	1505
2	1806				562	611	1451	1402	1505	1529
1	1807				612	661	1401	1352	1528	1549
2	1808				662	711	1351	1302	1549	1608
1	1809				712	761	1301	1252	1608	1628
2	1810				762	811	1251	1202	1628	1652
1	1811				812	852	1201	1161	1652	1711

LINE NO. TD-4PQ DIR. 278 DEG. PARTY NO. 705 DATE 10/21 PAGE 14 8077A

CABLE DEPTH	WATER DEPTH	NO. GUNS	GUN PRES.	GUN DEPTH	SHIPS HEAD	TAIL BOUY
1402.403.414.405.411637	2640 Fath	4	2000 lbs	30	284°	173°

FILE NO.	SP NO.	REMARKS
400	10081	NC/MR @ 1237
01		SH - 284 TBD - 173° EOR 1663
02		SOR 1663
03		WD - 2642 FATH PT 001
04	10077	
05		
06		
07		
08	10073	
09		
10		
11		
12	10069	
13		
14		
15		
16	10065	
17		
18		
19		
20	10061	NC/MR @ 1245
21		WD - 2643 FATH
22		
23		
24	10057	
25		
26		
27		
28	10053	
29		
30		
31		
32	10049	
33		
34		
35		
36	10045	
37		
38		
39		
40	10041	NC/MR @ 1252
41		SH - 284° TBD - 174°
42		WD - 2640
43		DRIFT - 000
44	10037	
45		
46		
47		
48	10033	
49		

FILE NO.	SP NO.	REMARKS
450		C
51		EOR 1663 @ 1257
52	10029	SOR 1664
53		
54		
55		
56	10025	
57		
58		
59		
60	10021	NC/MR @ 1300
61		WD - 2642 FATH
62		
63		
64	10017	
65		
66		
67		
68	10013	
69		
70		
71		
72	10009	
73		
74		
75		
76	10005	
77		
78		
79		
80	10001	NC/MR @ 1307
81		SH 285° TBD - 178°
82		WD - 2640 FATH
83		DRIFT - 005°
84	9997	
85		
86		
87		
88	9993	
89		
90		
91		
92	9989	
93		
94		
95		
96	9985	
97		
98		WD - 2640 FATH
99	1? 1	NC/MR @ 1315

LINE NO. TD-4PQ DIR. 278 DEG. PARTY NO. 705 DATE 10/21 PAGE 13 8077A

CABLE DEPTH	WATER DEPTH	NO. GUNS	GUN PRES.	GUN DEPTH	SHIPS HEAD	TAIL BOUY
1.8 92.4 03.4 11 4.4 05.4 11 6 37	2642 FATH	4	2000 165	30'	283°	175°

FILE NO.	SP NO.	REMARKS
300	10181	NC/MR @ 1201
01		WD - 2642 FP EOR 1660
02		SOR 1661
03		
04	10177	
05		
06		
07		
08	10173	
09		
10		
11		
12	10169	
13		
14		
15		
16	10165	
17		
18		
19		
20	10161	NC/MR @ 1208
21		SH 283° TOB - 174°
22		WD - 2642 FA
23		DRIFT - 001
24	10157	
25		
26		
27		
28	10153	
29		
30		
31		
32	10149	
33		
34		
35		
36	10145	
37		
38		
39		
40	10141	NC/MR @ 1215
41		WD - 2642 FATH
42		
43		
44	10137	
45		
46		
47		
48	10133	
49		

FILE NO.	SP NO.	REMARKS
350		
51		EOR 1661 @ 1220
52	10129	SOR 1662
53		
54		
55		
56	10125	
57		
58		
59		
60	10121	NC/MR @ 1223
61		SH - 284° TOB - 174°
62		WD - 2642 FATH
63		DRIFT - 000
64	10117	
65		
66		
67		
68	10113	
69		
70		
71		
72	10109	
73		
74		
75		
76	10105	
77		
78		
79		
80	10101	NC/MR @ 1230
81		WD - 2642 FATH
82		
83		
84	10097	
85		
86		
87		
88	10093	
89		
90		
91		
92	10089	
93		
94		
95		
96	10085	
97		
98		
99		

LINE NO. TD-4PQ DIR. 278 DEG. PARTY NO. 705 DATE 10/21 PAGE 12 6077A

CABLE DEPTH	WATER DEPTH	NO. GUNS	GUN PRES.	GUN DEPTH	SHIPS HEAD	TAIL BOUY
1.402.403.414.416.510.637	2642 FA	4	2000 lbs	30'	283	177°

FILE NO.	SP NO.	REMARKS
200	10281	NC/MR @ 1126
01	SH-283 TBB-177°EOR 1657	
02		WD-2642 SOR 1659
03		DRIFT-002°
04	10277	
05		
06		
07		
08	10273	
09		
10		
11		
12	10269	
13		
14		
15		
16	10265	
17		
18		
19		
20	10261	NC/MR @ 1132
21		WD-2642 FA
22		
23		
24	10257	
25		
26		
27		
28	10253	
29		
30		
31		
32	10249	
33		
34		
35		
36	10245	
37		
38		
39		
40	10241	NC/MR @ 1139
41		SH-282°-TBB-174°
42		WD-2642 FATH
43		DRIFT-002°
44	10237	
45		
46		
47		
48	10233	
49		

FILE NO.	SP NO.	REMARKS
250		
51		EOR 1659 @ 1143
52	10229	SOR 1660
53		
54		
55		
56	10225	
57		
58		
59		PA-SC
60	10221	NC/MR @ 1146
61		WD-2640 FATH
62		
63		
64	10217	
65		
66		
67		
68	10213	
69		
70		
71		
72	10209	
73		
74		
75		
76	10205	
77		
78		
79		
80	10201	NC/MR @ 1153
81		SH-283°TBB-175°
82		WD-2642 FA
83		DRIFT-000
84	10197	
85		
86		
87		
88	10193	
89		
90		
91		
92	10189	
93		
94		
95		
96	10185	
97		
98		
99		

LINE NO. TD-4 PQ DIR. 278 DEG. PARTY NO. 705 DATE 10/21 PAGE 11 8077A

CABLE DEPTH	WATER DEPTH	NO. GUNS	GUN PRES.	GUN DEPTH	SHIPS HEAD	TAIL BOUY
1.4 02.4 03.4 0 4.4 0 5.4 1 635	2642 Fath	4	2000 165	30'	281°	177°

FILE NO.	SP NO.	REMARKS
1 00	10381	NC/MR @ 1049
01		WD-2642 FA EOR 1656
02		SOR 1657 @ 1049
03		
04	10377	
05		
06		
07		
08	10373	
09		
10		
11		
12	10369	
13		
14		
15		
16	10365	
17		
18		
19		
20	10361	NC/MR @ 1056
21		SH - 284° TBB - 175°
22		WD - 2642 FA
23		DRIFT - 0010
24	10357	
25		
26		
27		
28	10353	
29		PP - SC
30		
31		
32	10349	
33		
34		
35		
36	10345	
37		
38		
39		
40	10341	NC/MR @ 1103
41		WD - 2642 FA.
42		
43		
44	10337	
45		
46		
47		
48	10333	
49		

FILE NO.	SP NO.	REMARKS
50		
51		EOR 1657 @ 1107
52	10329	SOR 1658
53		
54		
55		
56	10325	
57		
58		
59		
60	10321	NC/MR @ 1110
61		WD - 2642 Fath
62		SH - 283° TBB - 175°
63		DRIFT - 000
64	10317	
65		
66		
67		
68	10313	
69		
70		
71		
72	10309	
73		
74		
75		
76	10305	
77		
78		
79		
80	10301	NC/MR @ 1117
81		WD - 2642 FA
82		
83		
84	10297	
85		
86		
87		
88	10293	
89		
90		
91		
92	10289	
93		
94		
95		
96	10285	
97		
98		
99		

LINE NO. T04PQ DIR. 278 DEG. PARTY NO. 705 DATE 10/21 PAGE 10 8077A

CABLE DEPTH	WATER DEPTH	NO. GUNS	GUN PRES.	GUN DEPTH	SHIPS HEAD	TAIL BOUY
1.4 2.4 3.4 4.4 5.4 6.35	2642 FATH	4	2000 lbs	30'	284	179°

FILE NO.	SP NO.	REMARKS	FILE NO.	SP NO.	REMARKS
~~00~~			50		
01		EOR 1654 @ 1015	51		EOR 1655 @ 1032
02		SOR 1655	52	10429	SOR 1656
03			53		
04	10477		54		PA-SC
05			55		
06			56	10425	
07			57		
08	10473		58		
09			59		
10			60	10421	NC/MR @ 1035
11			61		WD - 2642 FATH
12	10469		62		
13			63		
14			64	10417	
15			65		
16	10465		66		
17			67		
18			68	10413	
19			69		
20	10461	NC/MR @ 1021	70		
21		WD - 2642 FATH	71		
22			72	10409	
23			73		
24	10457		74		
25			75		
26			76	10405	
27			77		PA-SC
28	10453		78		
29			79		
30			80	10401	NC/MR @ 1041
31			81		SH 281°-TGT-177°
32	10449		82		WD - 2642 FATH
33			83		DRIFT - 000
34			84	10397	
35			85		
36	10445		86		
37			87		
38			88	10393	
39			89		
40	10441	NC/MR @	90		
41		SH 285° TGT - 180°	91		
42		WD 2642 FATH	92	10389	
43		DRIFT - 007°	93		
44	10437		94		
45			95		
46			96	10385	
47			97		
48	10433		98		
49			99		

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LINE NO. TD-4PQ DIR. 278 DEG. PARTY NO. 705 DATE 10/21 PAGE NO

CABLE DEPTH	WATER DEPTH	NO. GUNS	GUN PRES.	GUN DEPTH	SHIPS HEAD	TAIL BOUY
1.58 2.40 3.42 4.65 5.11 6.35	2642 FA	4	2000 168	30'	282°	175°

FILE NO.	SP NO.	REMARKS
900	[illegible]	E.O.R 1652 @ 0992
01	10579	S.O.R 1653
02		SH 282 TBB 176
03		LOST (2) POPS
04		
05	75	
06		
07		
08		
09	71	
10		
11		
12		
13	67	
14		
15		
16		
17	63	
18		
19	61	NC/MR @ 0947
20		WD 2642 fm
21		
22		
23	57	
24		
25		
26		
27	53	
28		
29		
30		
31	99	
32		
33		
34		
35	95	
36		
37		
38		
39	41	NC/MR @ 0959
40		WD 2642 fm
41		
42		
43	37	
44		
45		
46		
47	33	
48		
49		

FILE NO.	SP NO.	REMARKS
950	30	E.O.R. 1653 @ 0958
51	10529	S.O.R 1654
52		
53		
54		
55	10525	
56		
57		
58		
59	10521	NC/MR @ 1000
60		SH- 282 TBB - 175°
61		WD - 2642 FATH
62		DRIFT - 001°
63	10517	
64		
65		
66		
67	10513	
68		
69		
70		
71	10509	
72		
73		
74		
75	10505	
76		
77		
78		
79	10501	NC/MR @ 1006
80		WD - 2640 FATH
81		
82		
83	10497	
84		
85		
86		
87	10493	
88		
89		
90		
91	10489	
92		
93		
94		
95	10485	
96		DRIFT - 0040
97		WD - 2642 FATH
98	PA-SX	SH - 2830 TBD - 1790
99	10481	NC/MR @ 1014

LINE NO. TD-4PQ DIR. 278 DEG. PARTY NO. 705 DATE 10 22 PAGE 8 8077A

CABLE DEPTH	WATER DEPTH	NO. GUNS	GUN PRES.	GUN DEPTH	SHIPS HEAD	TAIL BOUY
1.40 2.40 3.43 4.41 5 42 6.32	2642	4	2kpsi	30Ft	281°	174°

FILE NO.	SP NO.	REMARKS	FILE NO.	SP NO.	REMARKS
800	10682	NC/MR @ WD2642FA	850	10632	
01	81	E.O.R 1650 @0907	51	31	E.O.R. 1651 @0923
02	80	S.O.R 1651 PE/SC	52	30	S.O.R. 1652 PE/SC
03		SH 281° TBB 174	53		SH 283° TBB 174
04			54		
05			55		
06	76		56	26	
07			57		
08			58		
09			59		
10		PE/SC	60	2	
11	71		61	10621	NC/MR @ 0927
12			62		WD2642 FA
13			63		
14			64		
15			65	17	
16	66		66		
17			67		
18			68		
19			69	13	
20			70		
21	10661	NC/MR @ 0913	71		
22		WD 2642 FA	72		
23			73	9	
24			74		
25	57		75		
26			76		
27			77	5	
28			78		
29	53		79		
30			80		
31			81	10601	NC/MR @ 0934
32			82		WD2642FA
33	49		83		
34			84		
35			85	10597	
36		MR1	86		
37	45		87		
38			88		
39			89	93	PE/SC
40			90		
41	10641	NC/MR @ 0920	91		
42		WD2642FA	92		
43			93	89	
44			94		
45	37		95		
46			96	10586	POLARITY CHANGE
47			97	85	
48			98		
49			99		

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CABLE DEPTH	WATER DEPTH	NO. GUNS	GUN PRES.	GUN DEPTH	SHIPS HEAD	TAIL BOUY
1.34 2.40 3.44 4.40 5.41 6.30	2636	4	2k psi	30 ft.	279°	172°

FILE NO.	SP NO.	REMARKS	FILE NO.	SP NO.	REMARKS
700	10782		750		
01	10781	E.O.R. 1648 @ 0832	51	10731	E.O.R. 1649 @ 0850
02	80	S.O.R 1649	52	30	S.O.R. 1650
03		SH 279 TBB 172	53		SH 278 TBB 175
04		NC/MR @	54		
05		W/O 2636 FA	55	29	
06	76		56		
07			57		
08			58		
09	10773	@ 0835 POLARIS CHANGE	59	23	
10	72		60		
11			61	21	
12			62		
13			63	19	NC/MR @ 0853
14	68		64		W/O 2691 FA
15			65		
16			66		
17			67	15	
18	64		68		
19			69		
20			70		
21	61	NC/MR @ 0840	71	10716	
22		W/O 2640 FA	72		
23			73		
24			74		
25	57		75	7	
26			76		
27			77		
28			78		
29	53		79	3	
30			80		
31			81	10701	
32	50		82	[illegible]	10700
33			83	10694	NC/MR @ 0900
34			84		W/O 2692 FA
35			85		
36	46		86		
37			87	10698	
38			88		
39			89		
40			90		
41	41	NC/MR @ 0846	91	10692	
42		W/O 2643 FA	92		
43			93		
44			94		
45	37		95	10680	
46			96		
47			97		
48			98		
49	33		99	83	

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CABLE DEPTH	WATER DEPTH	NO. GUNS	GUN PRES.	GUN DEPTH	SHIPS HEAD	TAIL BOUY
1. 40 2. 40 3. 43 4. 41 5. 41 6. 33	2640 FA	4	2KPSI	30	277	173

FILE NO.	SP NO.	REMARKS	FILE NO.	SP NO.	REMARKS
600		EOR 1646 @ 0755	650	10832	E.O.R. 1647 @ 0814
01		SOR 1647	51	10831	S.O.R 1648
02	85	SH 277 TBB 173	52	10830	SH 274 TBB 173
03			53		
04			54		
05			55		
06	10841	NC/MR @ 0757	56	26	
07		WD 2640 FA	57		
08			58		
09			59		
10	77		60		
11			61	10821	NC/MR @ 0818
12			62		WD 2642 FA
13			63		
14	73		64		
15			65		
16			66	16	
17			67		
18	69		68		
19			69		
20			70	12	
21			71		
22	65		72		
23			73		
24			74	8	
25			75		
26	10861	NC/MR @ 0805	76		
27	10860	WD 2638 FA	77		
28	59	UPDATE ON SHOT POINTS	78	4	
29	10853	58	79		
30	52		80		
31			81	10801	NC/MR @ 0825
32			82	10800	WD 2639 FA
33			83		
34	45		84		
35			85		
36			86	10796	
37			87		
38	49		88		
39			89		
40			90	92	
41	41	NC/MR @ 0810	91		
42	40	WD 2638 FA	92		
43			93		
44			94	88	
45			95		
46	36		96		
47			97		
48			98		
49			99	10783	

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CABLE DEPTH	WATER DEPTH	NO. GUNS	GUN PRES.	GUN DEPTH	SHIPS HEAD	TAIL BOUY
1.40 2.40 3.42 4.41 5.41 6.31	2643	4	2KPSI	30'	277	174

FILE NO.	SP NO.	REMARKS
00		EOR 1644 @ 0716
01		SOR 1145
02	85	SH 277 TBB 174
03		DRIFT -007°
04		
05		
06	10921	NC/MR @ 0721
07		2643 FA
08		
09		
10	77	
11		
12		
13		
14	73	
15		
16		
17		
18	69	
19		
20		
21		
22	65	
23		
24		
25		
26	10961	NC/MR @ 0729
27		WD 2643 FA
28		
29		
30	51	
31		
32		
33		
34	53	
35		
36		
37		
38	44	
39		
40		
41		
42	45	
43		
44		
45		
46	10941	NC/MR @ 0735
47		WD 2643 FA
48		
49		

FILE NO.	SP NO.	REMARKS
50	37	EOR 1645 @ 0734
51		SOR 1644 PE/SC
52		SH 277 TBB 176
53		DRIFT -005
54	33	
55		
56		
57		
58	29	
59		
60		
61		
62	25	
63		
64		
65		
66	10921	NC/MR @ 0743
67		ND 2645 FA
68		
69		
70	17	
71		
72		
73		
74	13	
75		
76		
77		
78	09	
79		
80		
81		
82	05	
83		
84		
85		
86	10901	NC/MR @ 0750
87		WD 2645 FA
88		
89		
90	10897	
91		
92		
93		
94	93	
95		
96		
97		
98	89	
99		

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CABLE DEPTH	WATER DEPTH	NO. GUNS	GUN PRES.	GUN DEPTH	SHIPS HEAD	TAIL BOUY
1.372.403.424.445.416.30	2644	4	2kPSI	30'	275	173

FILE NO.	SP NO.	REMARKS	FILE NO.	SP NO.	REMARKS
400		EOR 1642 @ 0644	50	37	EOR 1643 @ 0701
01		SOR 1643'	51		SOR 1644
02	11085	SH 275 TBB 173	52		SH 174 TBB 173 P/SC
03		DRIFT-010°	53		DRIFT-011°
04			54	33	
05			55		
06	11081	NC/MC @ 0646	56		
07		WD 2644 FA	57		
08			58	29	
09			59		
10	77		60		
11			61		
12			62	25	
13			63		
14	73		64		
15			65		
16		PE/SC	66	11021	NC/MC @ 0706
17			67		WD 2643 FA
18	69		68		
19			69		
20			70	17	
21			71		
22	65		72		
23			73		
24			74	13	
25			75		
26	11061	NC/MC @ 0653	76		
27		WD 2644 FM	77		
28			78	09	
29			79		
30	57		80		
31			81		
32			82	05	
33			83		
34	53		84		
35			85		
36			86	11001	NC/MC @ 0713
37			87		WD 2643
38	11		88		
39			89		
40			90	97	
41			91		
42	45		92		
43			93		
44			94	93	
45			95		
46	11041	NC/MC @ 0700	96		
47		WD 2643 FA	97		
48			98	89	
49			99		

LINE NO. ID-400 DIR. 274 DEG. PARTY NO. 205 DATE 10/24 PAGE 4 8077A

CABLE DEPTH	WATER DEPTH	NO. GUNS	GUN PRES.	GUN DEPTH	SHIPS HEAD	TAIL BOUY
1. 402 403. 424. 4 5 11 632	2644	4	2KPS I	30'	25	174

FILE NO.	SP NO.	REMARKS
00		EOR 1640 @ 0605
01		SOR 1641 @ PRE
02	11185	SH 275 TBB 174
03		DR. FT - 009°
04		
05		
06	11191	NC/MR @ 0600
07		WD 2641 FA
08		
09		
10	77	
11		
12		
13		
14	73	
15		
16		
17		
18	69	
19		
20		
21		
22	65	
23		
24		
25		
26	11161	NC/MR @ 0614
27		WD 2644
28		
29		
30	57	
31		
32		
33		
34	53	
35		
36		
37		
38	49	
39		
40		
41		
42	45	
43		
44		
45		
46	11141	NC/MR @ 0622
47		WD 2644 FA
48		
49		

FILE NO.	SP NO.	REMARKS
50	37	EOR 1641 @ 0624
51		SOR 1642
52		SH 275 TBB 172
53		DR. FT - 011
54	33	
55		
56		
57		
58	29	
59		
60		
61		
62	25	
63		
64		
65		
66	11121	NC/MR @ 0629
67		WD 2644 FA
68		
69		
70	17	
71		
72		
73		
74	13	
75		
76		
77		
78	09	
79		
80		
81	05	
82	05	
83		
84		
85	~~11101~~	
86	11101	NC/MR @ 0637
87		WD 2644 FA
88		
89		
90	97	
91		
92		
93		
94	93	
95		
96		
97		
98	89	
99		

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CABLE DEPTH	WATER DEPTH	NO. GUNS	GUN PRES.	GUN DEPTH	SHIPS HEAD	TAIL BOUY
1. 51 2. 40 3. 13 4. 41 5. 41 6. 21	2644 FA	4	2KPSI	30'	279	176

FILE NO.	SP NO.	REMARKS	FILE NO.	SP NO.	REMARKS
200		EOR 1638 @ 0528	50	32	EOR 1639 @ 0546
01		SOR 1639	51		SOR 1640 PS/SC
02	11285	SH274 TBB 176	52		SH274 TBB 135
03		DRIFT -008	53		DRIFT ~~-00-~~ -011°
04			54	33	
05			55		PE/SC
06	11281	NC/MR @ 0530	56		RC/SC
07		WD 2644 FA	57		
08			58	29	
09			59		
10	77		60		
11			61		
12			62	25	
13			63		
14	73		64		
15			65		
16			66	11221	NC/MR @ 0551
17			67		WD2645 FA
18	69		68		
19			69		
20			70	17	
21			71		
22	65		72		
23			73		
24			74	13	
25			75		
26	11261	NC/MR @ 0537	76		
27		WD 2644 FA	77		
28			78	09	
29			79		
30	57		80		
31			81		
32			82	05	
33			83		
34	53		84		
35			85		
36			86	11201	NC/MR @ 0559
37			87		WD2645 FF
38	49		88		
39			89		
40			90	97	
41			91		
42	45		92		
43			93		
44			94	93	
45			95		
46	11241	NC/MR @ 0544	96		
47		WD2645 FA	97		
48			98	89	
49			99		

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CABLE DEPTH	WATER DEPTH	NO. GUNS	GUN PRES.	GUN DEPTH	SHIPS HEAD	TAIL BOUY
1.35 2.39 3.41 4.41 5.41 6.30	2644	4	2000 PSI	30'	276	174

FILE NO.	SP NO.	REMARKS
100		EOR 1636 @ 0451
01		SOR 1637
02	85	SH 276 TBB 174
03		DRIFT - 008
04		
05		
06	11381	NC/MR @ 0453
07		WD 2644 FA
08		
09		
10	77	
11		
12		
13		
14	73	
15		
16		
17		
18	69	
19		
20		
21		
22	65	
23		
24		
25		
26	1134	NC/MR @ 0500
27		WD 2645
28		
29		
30	57	
31		
32		
33		
34	53	
35		
36		
37		
38	49	
39		
40		
41		
42	45	
43		
44		
45		
46	11341	NC/MR @ 0501
47		WD 2643 FA
48		
49		

FILE NO.	SP NO.	REMARKS
150	11337	EOR 1632 @ 0509
51		SOR 1638
52		SH 273 TBB 178
53		DRIFT - 007
54	33	
55		
56		
57		
58	29	
59		
60		
61		
62	25	
63		
64		PE/SC
65		
66	11321	NC/MR @ 0515
67		WD 2645 FA
68		
69		
70	17	
71		
72		
73		
74	13	PE/SC
75		
76		
77		
78	09	PE/SC
79		
80		
81		
82	05	
83		
84		
85		PE/SC
86	11301	NC/MR @ 0522
87		WD 2645 FA
88		
89		
90	11297	
91		
92		
93		
94	93	
95		
96		
97		
98	89	
99		

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CABLE DEPTH	WATER DEPTH	NO. GUNS	GUN PRES.	GUN DEPTH	SHIPS HEAD	TAIL BOUY
139 240 341 490 540 635	2635 FA	4	2000 lbs	30'	276	176

FILE NO.	SP NO.	REMARKS
00		
01	11486	SOR 1635 @ 0415
02		SH-276 TBB 176
03		DRIFT-006
04		
05	11482	
06	11481	NC/MR@ 0417
07		WD 2635 FA
08		
09		
10	77	
11		
12		
13		
14	73	
15		
16		
17		
18	69	
19		
20		
21		
22	65	
23		
24		
25		
26	11461	NC/MR@ 0424
27		WD 2635 FA
28		
29		
30	57	
31		
32		
33		
34	53	
35		
36		
37		
38	49	
39		
40		
41		
42	45	
43		
44		
45		
46	11441	NC/MR@ 0431
47		WD 2640 FA
48		
49		

FILE NO.	SP NO.	REMARKS
50	11437	EOR 1635 @ 0433
51		SOR 1636
52		SH 277 TBB 175
53		DRIFT-006
54	33	
55		
56		
57		
58	29	
59		
60		
61		
62	25	
63		
64		
65		
66	11421	NC/MR@ 0438
67		WD 2640 FA
68		
69		
70	17	
71		
72		
73		
74	13	
75		
76		
77		
78	09	
79		
80		
81		
82	05	
83		
84		
85		
86	11401	NC/MR@ 0445
87		WD 2642 FA
88		
89		
90	11397	
91		
92		
93		
94	93	
95		
96		
97		
98	89	
99		

LINE NO. TD-40p DIR. 096°DEG. PARTY NO. 705 DATE 10/28 PAGE 01 8077A

CABLE DEPTH	WATER DEPTH	NO. GUNS	GUN PRES.	GUN DEPTH	SHIPS HEAD	TAIL BOUY
1.432393.444.465.515636	56 FATh	4	2000 165	30'	124°	182°

FILE NO.	SP NO.	REMARKS
~~00~~		
PA-SC 01	2461A	NC/MR @ 2205 Aug 1862
02		SH- 124° TBB-182°
03		WD- 56 FATh
04		DRIFT - 030°
05	2465A	
06		
07		
08		
09	2469A	
10		
11		
12		
13	2473A	
14		
15		
16		
17	2477A	
18		
19		
20		
21	2481A	NC/MR @ 2216
22		WD - 63 FTh
23		
24		
25	2485A	
26		
27		
28		
29	2489A	
30		
31		
32		
33	2493A	
34		
35		
36		
37	2497A	
38		
39		
40		
41	2501A	NC/MR @ 2227
42	2502	SH- 122° TBB-182°
43		WD- 70 FATh
44		DRIFT - 028°
45	2505	
46		
47		
48		
49	2509	

FILE NO.	SP NO.	REMARKS
50		EOR 1862 @ 2231
51		SOR 1863
52		
53	2513A	
54		
55		
56		
57	2517A	
58		
59		
60		
61	2521A	NC/MR @ 2237
62		WD - 80 FTh
63		
64		
65	2525	
66		
67		
68		
69	2529A	
70		
71		
72		
73	2533A	PA-SC
74		
75		
76		
77	2537A	
78		
79		
80		
81	2541A	NC/MR @ 2247
82		SH- 127° TBB- 176°
83		WD - 95 FTh
84		DRIFT - 027°
85	2545A	
86		
87		
88		
89	2549A	
90		
91		
92		
93	2553A	
94		
95		
96		
97	2557A	
98		
99		

LINE NO. TD-40P DIR. 096° DEG. PARTY NO. 705 DATE 10/28 PAGE 63 8077A

CABLE DEPTH	WATER DEPTH	NO. GUNS	GUN PRES.	GUN DEPTH	SHIPS HEAD	TAIL BOUY
1.41 2.46 3.44 4.45 5.45 6.37	220 Fath	4	2000 lbs	30'	152°	181°

FILE NO.	SP NO.	REMARKS	FILE NO.	SP NO.	REMARKS
200		EOR 1865 @ 0009	250		EOR 1866 @ 0057
01	2661	SOR 1866 NC/MR	51		SOR 1867
02		SH- 152° TBB-181°	52		
03		WD- 220 Fath	53	2713	
04		DRIFT- 057°	54		
05	2665		55		
06			56		
07			57	2717	
08			58		
09	2669		59		
10			60		
11			61	2721	NC/MR @ 0103
12			62		WD- 231 Fath
13	2673		63		
14			64		
15			65	2725	
16			66		
17	2677		67		
18		PA- SC	68		
19			69	2729	
20			70		
21	2681	NC/MR @ 0032	71		
22		WD- 225 Fath	72		
23			73	2733	
24			74		
25	2685		75		
26			76		
27			77	2737	
28			78		
29	2689		79		
30			80		
31			81	2741	NC/MR @ 0114
32			82		SH- 140 TBB- 183°
33	2693		83		WD- 235 Fth
34			84		DRIFT- 041°
35			85	2745	
36			86		
37	2697		87		
38			88		
39			89	2749	
40		PA- SC	90		
41	2701	NC/MR @ 0051	91		
42		SH- 151 TBB- 187°	92		
43		WD- 230 Fath	93	2753	
44		DRIFT- 062°	94		
45	2705		95		
46			96		
47			97	2757	
48			98		
49	2709		99		

LINE NO. TD-40P DIR. 096 DEG. PARTY NO. 205 DATE 10/28 PAGE 04 8077A

CABLE DEPTH	WATER DEPTH	NO. GUNS	GUN PRES.	GUN DEPTH	SHIPS HEAD	TAIL BOUY
1.4 2.4 3.4 4.4 5.4 6.5	247 Fth	4	2KPSI	30'	137	181°

FILE NO.	SP NO.	REMARKS	FILE NO.	SP NO.	REMARKS
300		@ 0127 SOR 1867	350		FOR 1868 @ 0158
01	2761	NC/MR @ SOR 1868	51		SOR 1869
02		WD @ 240 Fth	52		
03			53	2813	
04			54		
05	2765		55		
06			56		
07			57	2817	
08			58		
09	2769		59		
10			60		
11			61	2821	NC/MR @ 0204
12			62		SH 136° TBB 180°
13	2773		63		DRIFT 040° WD 260 Fth
14			64		
15			65	2825	
16			66		
17	2777		67		
18			68		
19			69	28 29	
20			70		
21	2781	NC/MR @ 0139	71		
22		SH 137° TBB 181°	72		
23		Drift 042° WD 247	73	28 33	
24			74		
25	2785		75		
26			76		
27			77	28 37	
28			78		
29	2789		79		
30			80		
31			81	2841	NC/MR @ 0216
32			82		WD 266 Fth
33	2793		83		
34			84		
35			85	28 45	
36			86		
37	2797		87		
38			88		
39			89	28 49	
40			90		
41	2801	NC/MR @ 0151	91		
42		WD 254 Fth.	92		
43			93	28 53	
44			94		
45	2805		95		
46			96		
47			97	28 57	
48			98		
49	2809		99		

LINE NO. TD-40P DIR. 096 DEG. PARTY NO. 205 DATE 10-28 PAGE 05 8077A

CABLE DEPTH	WATER DEPTH	NO. GUNS	GUN PRES.	GUN DEPTH	SHIPS HEAD	TAIL BOUY
1.4 2.40 3.45 4.45 5.45 6.40	270 Fth	4	2K PSI	30'	140°	179°

FILE NO.	SP NO.	REMARKS
400		EOR 1869 PE/SC
01	2861	SOR 1870 NCMR @ 0228
02		SH 137° TBB 179°
03		DRIFT 040° WD 270 Fth
04		
05	28 65	
06		
07		
08		
09	28 69	
10		
11		
12		
13	28 73	
14		
15		
16		
17	28 77	
18		
19		
20		
21	28 81	NC/MR @ 0242
22		WD 280 Fth
23		
24		
25	28 85	
26		
27		
28		
29	28 89	
30		
31		
32		
33	2893	
34		
35		
36		
37	2897	
38		
39		
40		
41	2901	NC/MR @ 0254
42		SH 134° TBB 180°
43		DRIFT 038° WD 280 Fth
44		
45	2905	
46		
47		
48		
49	29 09	

FILE NO.	SP NO.	REMARKS
450		EOR 1870 @ 0300
51		SOR 1871
52		
53	2913	
54		
55		
56		
57	29 17	
58		
59		
60		
61	29 21	NC/MR @ 0307
62		WD 290 Fth
63		
64		
65	29 25	
66		
67		
68		
69	2929	
70		
71		
72		
73	29 33	
74		
75		
76		
77	29 37	
78		
79		
80		
81	2941	NC/MR @ 0319
82		SH 132° TBB 182°
83		DRIFT 034° WD 300
84		
85	2945	
86		
87		
88		
89	2949	
90		
91		
92		
93	2553	
94		
95		
96		
97	29 57	
98		
99		

LINE NO. JD-4QP DIR. 096 DEG. PARTY NO. 205 DATE 10-28 PAGE 06 8077A

CABLE DEPTH	WATER DEPTH	NO. GUNS	GUN PRES.	GUN DEPTH	SHIPS HEAD	TAIL BOUY
1.41 2.42 3.44 4.45 5.45 6.38	302 FTh	4	2K PSI	30'	135°	181°

FILE NO.	SP NO.	REMARKS	FILE NO.	SP NO.	REMARKS
5 00		EOR 1871	5 50		EOR 1872 SP 0355
01	2961	SOR 1922 NC/MR SP 0330	51		SOR 1923
02		SH 132° TBB 181°	52		
03		WD 302 FTh DRIFT 035°	53	3013	
04			54		
05	2965		55		
06			56		
07			57	3017	
08			58		
09	2969		59		
10			60		
11			61	3021	NC/MR SP 0403
12			62		WD 330 FA
13	2973		63		
14			64		
15			65	3025	
16			66		
17	2977		67		
18			68		
19			69	3029	
20			70		
21	2981	NC/MR SP 0340	71		
22		WD 310 FTh	72		
23			73	3033	
24			74		
25	2985		75		
26			76		
27			77	3037	
28			78		
29	2989		79		
30			80		
31			81	3041	NC/MR SP 0412
32			82		SH 134° TBB 180°
33	2993		83		DRIFT 38° WD 343 FA
34			84		
35			85	3045	
36			86		
37	2997		87		
38			88		
39			89	3049	
40			90		
41	3001	NC/MR SP 0349	91		
42		SH 131° TBB 181	92		
43		DRIFT 034° WD 319	93	3053	
44			94		
45	2905		95		
46			96		
47			97	3057	
48			98		
49	2909		99		

LINE NO. TD-4AQ DIR. 096 DEG. PARTY NO. 705 DATE 10/29/77 PAGE 07 +39 8077A

CABLE DEPTH	WATER DEPTH	NO. GUNS	GUN PRES.	GUN DEPTH	SHIPS HEAD	TAIL BOUY
1 ~~41~~ 2 ~~41~~ 3. ~~42~~ 4. ~~35~~ 5. ~~44~~ 6. ~~31~~	353 FA	4	2KPS.	30'	134	181

FILE NO.	SP NO.	REMARKS
600		EOR # 1873 @ 0422
01	3061	SOR # 1874 NC/MR
02		WO 358 FA
03		
04		
05	3065	
06		
07		
08		
09		
10		
11	3071	
12		
13		
14		
15	3075	
16		
17		
18		
19		
20	3080	NC/MR @ 0432
21	3081	WD 361
22		
23		
24		
25	3085	
26		
27		
28		
29		
30		
31	3091	
32		
33		
34		
35		
36		
37		
38		
39		
40		
41	3101	NC/MR @ 0442
42		WO 380 FA
43		SH 135
44		TBB 180
45	3105	Drift 39°
46		
47		
48		
49	3109	

FILE NO.	SP NO.	REMARKS
50	3110	EOR # 1874 @ 0447
51	3111	SOR # 1875
52		
53	13	
54		
55		
56		
57	17	
58		
59		
60		
61	3121	NC/MR @ 0454
62		WD 390 FA
63		
64		
65	3125	
66		
67		
68		
69		
70		
71	3131	
72		
73		
74		
75		
76		
77		
78		
79		
80		
81	3141	NC/MR @ 0503
82		WD 340 FA.
83		SH 131
84		TBB 182
85		DRIFT 370
86		
87		
88		
89		
90		
91	3151	
92		
93		
94		
95		
96		
97		
98		
99		

LINE NO. TD-490 DIR. 096 DEG. PARTY NO. 705 DATE 10/29/67 PAGE 05 37° 9077A

CABLE DEPTH	WATER DEPTH	NO. GUNS	GUN PRES.	GUN DEPTH	SHIPS HEAD	TAIL BOUY
1.40 2.40 3.40 4.40 5.40 6.39	360 FA	4	2Kpsi	30'	130	183

FILE NO.	SP NO.	REMARKS
7 00		EOR # 1875 @ 0512
01	3161	SOR # 1876 NC/MR @
02		
03		
04		
05		
06		
07		PE/SC
08		
09		
10		
11	3171	
12		
13		
14		
15		
16		
17		
18		
19		
20		
21	3181	NC/MR @ 0522
22		WD 366 FA
23		
24		
25		
26		
27		
28		
29		
30		
31	3191	
32		
33		
34		
35		PE/SC
36		PE/SC
37		PE/SC
38		
39		
40		
41	3201	NC/MR PE/SC @ 0531
42		WD 370
43		SH 187
44		TBB 195
45		DRIFT 36°
46		
47		
48		
49		

FILE NO.	SP NO.	REMARKS
50		EOR # 1876 @ 0535
51	3211	SOR # 1877
52		
53		
54		
55		
56		
57		
58		
59		
60		
61	3221	NC/MR @ 0540
62		WD 360 FA
63		
64		
65		
66		
67		
68		
69		
70		
71	3231	
72		
73		
74		
75		
76		
77		
78		
79		
80		
81	3241	NC/MR @ 0548
82		WD 374
83		SH. 124
84		TBB 183
85		DRIFT 31°
86		
87		
88		
89		
90		
91	3251	
92		
93		
94		
95		
96		
97		
98		
99		

LINE NO. TD-4PQ DIR. D96 DEG. PARTY NO. 705 DATE 10/29/77 PAGE 09 of Sheets 8077A

CABLE DEPTH	WATER DEPTH	NO. GUNS	GUN PRES.	GUN DEPTH	SHIPS HEAD	TAIL BOUY
1.40 2.40 3.42 4.40 5.42 6.35	393	4	2000	30'	122	182

FILE NO.	SP NO.	REMARKS	FILE NO.	SP NO.	REMARKS
800		EOR # 1877 @ 0655	850		EOR # 1878 @ 0620
01	3261	SOR # 1878 PE/SC NC/MR	51	3311	SOR # 1879
02			52		
03			53		PE/SC
04			54		
05			55		
06			56		
07			57		
08			58		
09			59		
10			60		
11	3321		61	3321	NC/MR @ 0624
12			62		WD 396
13			63		
14			64		
15			65		
16			66		
17			67		
18			68		
19			69		
20			70		
21	3231	NC/MR @ 0604	71	3331	
22		WD 390	72		
23			73		
24			74		
25			75		
26			76		
27			77		
28			78		
29			79		
30			80		
31	3291		81	3341	NC/MR @ 0631
32			82		WD 382
33			83		SH 122
34			84		TBB 180
35			85		DR 26°
36			86		
37			87		
38			88		
39			89		
40			90		
41	3301	NC/MR @ 0615	91	3351	
42		WD 388	92		
43		SH 124	93		PE/SC
44		TBB 179	94		
45		DRIFT 27°	95		
46			96		
47			97		
48			98		
49			99		

LINE NO. TD-4PQ DIR. 094 DEG. PARTY NO. 705 DATE 10/29/22 PAGE 10 80TTA 19° DRIFT

CABLE DEPTH	WATER DEPTH	NO. GUNS	GUN PRES.	GUN DEPTH	SHIPS HEAD	TAIL BOUY
1.40 2.40 3.41 4.45 5.44 6.36	400 FA	4	2000	30'	121	184

FILE NO.	SP NO.	REMARKS
900		EOR # 1879 @ 0640
01	3361	SOR # 1880 NC/MR
02		
03		
04		
05		
06		
07		
08		
09		PE/SC
10		
11	3371	
12		
13		
14		
15		
16		
17		
18		
19		
20		
21	3381	NC/MR @ 0648
22		WD 400 FA
23		
24		
25		
26		
27		
28		
29		
30		
31	3391	
32		
33		
34		
35		
36		
37		
38		PE/SC
39		
40		
41	3401	NC/MR @ 0656
42		WD 396
43		SH 118
44		TBB 182 PE/SC
45		DRIFT 24°
46		
47		
48		
49		

FILE NO.	SP NO.	REMARKS
950		EOR # 1880 @ 0700
51	3411	SOR # 1881
52		
53		
54		
55		
56		
57		
58		
59		
60		
61	3421	NC/MR @ 0705
62		WD 402 FA
63		
64		
65		
66		
67		
68		
69		
70		
71	3431	
72		
73		
74		
75		
76		
77		
78		
79		
80		
81	3441	NC/MR @ 0712
82		WD
83		SH 115
84		TBB 183
85		DRIFT 22°
86		
87		
88		
89		
90		
91	3451	
92		
93		
94		
95		
96		
97		
98		
99		

LINE NO. 7D-4PQ DIR. 099 DEG. PARTY NO. 705 DATE 10/22/67 PAGE 11 2nd BOTTA Draft

CABLE DEPTH	WATER DEPTH	NO. GUNS	GUN PRES.	GUN DEPTH	SHIPS HEAD	TAIL BOUY
1. 2 41 3 42 4. 44 5. 44 6. 38	483	4	2000	30'	115	179

FILE NO.	SP NO.	REMARKS
00		
01		EOR # 1881 @ 0720
02	3461	SOR # 1882
03		
04		
05		
06		
07		
08		
09		
10		
11		
12	3471	
13		
14		Picking up Ship Noise
15		on Records
16		
17		
18		
19		
20		
21		
22	3481	NC/MR @ 0728
23		WD 490
24		
25		
26		
27		
28		
29		
30		
31		
32	3491	
33		
34		
35		
36		
37		
38		
39		
40		
41		
42	3501	NC/MR @ 0736
43		WD 404
44		SH 116
45		TBB 181
46		DRIFT 21°
47		
48		
49		

FILE NO.	SP NO.	REMARKS
50		
51		EOR # 1882 @ 3940 PE/SC
52	3511	SOR # 1883
53		PE/SC
54		
55		
56		
57		
58		
59		
60		
61	3521	
62	3521	NC/MR @ 0743
63		WD 410
64		
65		
66		
67		
68		
69		
70		
71		
72	3531	
73		
74		
75		
76		
77		
78		
79		
80		
81		
82	3541	NC/MR 0749
83		WD 416
84		SH 112
85		TBB 185
86		DRIFT 11°
87		
88		
89		
90		
91		
92	3551	
93		
94		
95		
96		
97		
98		
99		

LINE NO. TD-4PQ DIR. 094 DEG. PARTY NO. 765 DATE 10/19/87 PAGE 12 8077A 10 Oct 87

CABLE DEPTH	WATER DEPTH	NO. GUNS	GUN PRES.	GUN DEPTH	SHIPS HEAD	TAIL BOUY
1.402.413.434.445.446.59	404 FA	4	2000	30'	114	182

FILE NO.	SP NO.	REMARKS	FILE NO.	SP NO.	REMARKS
00			50		
01		EOR # 1883 @ 0758	51		EOR # 1884 @ 0819
02	3541	SOR # 1884	52	3611	SOR # 1985
03			53		
04			54		
05			55		
06			56		
07			57		
08			58		
09			59		
10			60		
11			61		
12	3571		62	3621	NC/MR @ 0823
13			63		WD 420 FA
14			64		
15			65		
16			66		
17			67		
18			68		
19			69		
20			70		
21			71		
22	3581	NC/MR @ 0808	72	3631	
23		WD 410 FA	73		
24			74		
25		PE/SC	75		
26			76		
27			77		
28			78		
29			79		
30			80		
31			81		
32	3591		82	3641	NC/MR @ 0831
33			83		WD 420
34			84		SH 109
35			85		TBB 185
36			86		Drift 17°
37			87		
38			88		
39			89		
40			90		
41			91		
42	3601	NC/MR @ 0815	92		
43		WD 416	93		
44		SH 114°	94		
45		TBB 184°	95		
46		DRIFT 22°	96		
47			97		
48			98		
49			99		

LINE NO. 10-490 DIR. 096 DEG. PARTY NO. 705 DATE 10/29/86 PAGE 13 8077A

CABLE DEPTH	WATER DEPTH	NO. GUNS	GUN PRES.	GUN DEPTH	SHIPS HEAD	TAIL BOUY
1382413425455.4463858	420 FMS	4	2kpsi	30'	109°	182°

FILE NO.	SP NO.	REMARKS	FILE NO.	SP NO.	REMARKS
200			50	09	
01	3660	EOL## 1850 0840	x51	3710	EOR 1886 @0901
02	3661	SOL## 1886 NC/MR	x52	3711	SOR 1887
03		WD 420 FMS	53		
04			54	13	
05			55		
06	65		56		
07			57		
08			58	17	
09			59		
10	69		60		
11			61		
12			62	3721	NC @0906
13			63		SH 106
14	73		64		TBB 183
15			65		WD 430FMS
16			66	25	
17			67		
18	77		68		
19			69		
20			70	29	
21		PARITY ERROR	71		
22	3681	NC @ 0848	72		
23		WD 400 FMS	73		
24		SH 109°	74	33	
25		TBB 182	75		
26	85		76		
27			77		
28			78	37	
29			79		
30	89		80		PARITY ERROR
31			81		
32			82	3741	NC @0912
33			83		WD 420 FMS
34	93		84		SHIP NOISE HAS
35			85		VANISHED INTO
36			86	45	BUBBLES
37			87		
38	97		88		
39			89		
40			90	49	
41			91		
42	3701	NC @ 0856	92		
43		SHIP NOISE ON RECORD	93		
44			94	53	
45			95		
46	05		96		
47			97		
48			98	57	
49			99		

LINE NO. 1D4PQ DIR. 096 DEG. PARTY NO. 705 DATE 10-29 PAGE 14 8077A

CABLE DEPTH	WATER DEPTH	NO. GUNS	GUN PRES.	GUN DEPTH	SHIPS HEAD	TAIL BOUY
140 240 340 441 543 636	420fms	4	2KPSI	30'	100°	187°

FILE NO.	SP NO.	REMARKS
300		
01	3760	EOR 1887 @ 0921
02	3761	SOR 1888
03		WD 420fms PE
04		SH 100° PE/SC
05		TBB 187°
06	65	
07		
08		
09		
10	69	PARTY ERROR
11		
12		
13		
14	73	
15		
16		
17		
18	77	
19		
20		
21		
22	3781	NC @ 0931
23		WD 420 Fms
24		
25		P.E. SC
26	85	
27		
28		
29		
30	89	
31		
32		
33		
34	93	
35		
36		
37		
38	97	
39		P.E. SC
40		P.E.
41		
42	3601	NC @ 0941
43		WD 420fms
44		SH 100°
45		TBB 184°
46	05	
47		
48		
49		

FILE NO.	SP NO.	REMARKS
50	09	PE
51	3810	EOR 1888 @ 0945
52	3811	SOR 1889 PE/SC
53		
54	13	
55		PE SC
56		
57		
58	17	
59		PE SC
60		
61		
62	3821	NC @ 0949
63		WD 420fms
64		
65		
66	25	
67		
68		
69		
70	29	
71		
72		
73		
74	33	
75		
76		
77		
78	37	
79		
80		
81		
82	3841	NC/MR @ 0958
83		SH 089 TBB 185
84		DRIFT 05° WD 410
85		
86	3845	
87		
88		
89		
90	49	
91		
92		
93		
94	3853	
95		
96		
97		
98	3857	
99		

LINE NO. TD-40P DIR. 096 DEG. PARTY NO. 705 DATE 10-29 PAGE 15 8077A

CABLE DEPTH	WATER DEPTH	NO. GUNS	GUN PRES.	GUN DEPTH	SHIPS HEAD	TAIL BOUY
1.40 2.40 3.40 4.42 5.44 6.44	410 Fth	4'	2K PSI	30'	099°	179°

FILE NO.	SP NO.	REMARKS
400		
01		EOR 1889 PE-SC
02	3861	SOR 1890 N/C @1008
03		WD 410
04		
05		
06	3865	
07		
08		
09		
10	3869	
11		
12		
13		PE-SC
14	3873	
15		
16		
17		
18	3877	
19		
20		
21		
22	3881	NC/MR @ 1019
23		SH 099 TBB 179°
24		DRIFT 04° WD 4/12 Fth
25		
26	3885	
27		
28		
29		
30	3889	
31		
32		
33		
34	3893	
35		
36		
37		
38	3897	
39		
40		
41		
42	3901	NC/MR @ 1029
43		WD 4/11 Fth
44		
45		
46	3905	
47		
48		
49		

FILE NO.	SP NO.	REMARKS
450	3909	
51		EOR 1890 @ 1034
52		SOR 1891
53		
54	3913	
55		
56		
57		
58	3917	
59		
60		
61		
62	3921	NC/MR @ 1040
63		SH. 098° TBB 180°
64		DRIFT 01° WD 4/16 Fth
65		
66	3925	
67		
68		
69		
70	3929	
71		
72		
73		
74	3933	
75		
76		
77		
78	3937	
79		
80		
81		
82	3941	NC/MR @ 1053
83		WD 4/16 Fth
84		
85		
86	3945	
87		
88		
89		
90	3949	
91		
92		
93		
94	3953	
95		
96		
97		
98	3957	
99		

LINE NO. TD-40P DIR. 096 DEG. PARTY NO. 205 DATE 10-29 PAGE 16 8077A

CABLE DEPTH	WATER DEPTH	NO. GUNS	GUN PRES.	GUN DEPTH	SHIPS HEAD	TAIL BOUY
1.42 2.40 3.41 4.45 5.44 6.40	416 Fth	4	2K PST	30'	097°	182°

FILE NO.	SP NO.	REMARKS
500		
01		EOR 1891 @ 1103
02	3961	EOR 1892 NC-MR
03		SH 097° TBB 182°
04		DRIFT 03° WD 416
05		
06	3965	
07		PE
08		
09		
10	3969	
11		
12		
13		
14	3973	
15		
16		
17		
18	3977	
19		
20		
21		
22	3981	NC/MR @ 1115
23		WD 416 Fth
24		
25		
26	3985	
27		
28		
29		
30	3989	
31		
32		
33		
34	3993	
35		
36		
37		
38	3997	
39		
40		
41		
42	4001	NC/MR @ 1128
43		SH 099 TBB 177°
44		DRIFT 06° WD 417 Fth
45		
46	4005	
47		
48		
49		

FILE NO.	SP NO.	REMARKS
50	4009	
51		EOR 1892 @ 1134
52		SOR 1893
53		
54	4013	
55		
56		
57		
58	4017	
59		
60		
61		
62	4021	NC/MR @ 1141
63		WD 417 Fth
64		
65		
66	4025	
67		
68		
69		
70	4029	
71		
72		
73		
74	4033	
75		
76		
77		
78	4037	
79		
80		
81		
82	4041	NC/MR @ 1147
83		SH 098° TBB 179°
84		DRIFT 02° WD 416 Fth
85		
86	4045	
87		
88		
89		
90	4049	
91		
92		
93		
94	4053	
95		
96		
97		
98	4057	
99		

LINE NO. TD-48P DIR. 096 DEG. PARTY NO. 705 DATE 10-29 PAGE 18 8077A

CABLE DEPTH	WATER DEPTH	NO. GUNS	GUN PRES.	GUN DEPTH	SHIPS HEAD	TAIL BUOY
1.402.443.444.435.446.443	430	4	2KPSI	30'	105°	157

FILE NO.	SP NO.	REMARKS	FILE NO.	SP NO.	REMARKS
700			750		WD 449° FA
01			51		
02			52		
03			53		
04			54		
05			55		
06			56		
07			57		
08			58		
09			59	4031	
10			60		
11			61		
12			62		
13			63		
14			64		
15			65		
16			66		
17			67		
18			68		
19			69	4041	NC/MR @ 1722
20			70		WD 430 FATHOMS
21			71		
22			72		
23			73		
24			74		
25			75		
26			76		
27			77		
28			78		
29			79	4057	N
30			80		
31			81		
32			82		
33			83		EOR 1895 @ 1727
734	4006B	SOR-1895 @ 1705	84		SOR 1896 P/SS
35		WD 430	85		
36		24	86		
37	09		87		
38			88		
39			89	4061	N/C MR @ 1725
40			90		WD 430 R/SS.
41	13		91		2H 100. R/SC
42			92		TBR 125' R/SC
43	4015		93		DRIFT 9° NC/SC
44			94		
45	17		95		PS/MC
46			96		
47			97		PS/MC
48			98	4070	
49	4021	NC/MR @ 1713	99	4071	

LINE NO. TD-416P DIR. 096 DEG. PARTY NO. 705 DATE 11-23 PAGE 17 8077A

CABLE DEPTH	WATER DEPTH	NO. GUNS	GUN PRES.	GUN DEPTH	SHIPS HEAD	TAIL BOUY
1. 2. 3. 4. 5. 6.	416 FMS	4	2KPSI	30'	106°	173°

FILE NO.	SP NO.	REMARKS	FILE NO.	SP NO.	REMARKS
600			650		
01	4060	EOR-1893 @1203	51		
02	4061	SOR-1894 NC/MR	52		
03		WD-416 FMS	53		
04			54		
05			55		
06	4065		56		
07			57		
08			58		
09			59		
10	4069		60		
11			61		
12			62		
13			63		
14	4073		64		
15			65		
16			66		
17			67		
18	4077		68		
19			69		
20			70		
21			71		
22	4081A	NC/MR @1211	72		
23		SH-106° TBB-173°	73		
24		017° DRIFT WD-416 FMS	74		
25			75		
26	4085A		76		
27			77		
28			78		
29			79		
30	4089-A		80		
31			81		
32			82		
133	4092A	EOR-1894 @ 1153	83		
34		CIRCLE -NAV. PROBLEMS	84		
35			85		
36			86		
37			87		
38			88		
39			89		
40			90		
41			91		
42			92		
43			93		
44			94		
45			95		
46			96		
47			97		
48			98		
49			99		

LINE NO. TD-40P DIR. 094 DEG. PARTY NO. 205 DATE 8-10-09 PAGE 19 8077A 07 06 Pr

CABLE DEPTH	WATER DEPTH	NO. GUNS	GUN PRES.	GUN DEPTH	SHIPS HEAD	TAIL BOUY
1.3?2.?13.?24.?25.?26.??	430	4	2 KSI	30'	099	186

FILE NO.	SP NO.	REMARKS	FILE NO.	SP NO.	REMARKS
00			50		PE/15C
01			51		
02			52		
03			53		
04			54		
05			55	4127	
06			56		
07			57		
08	4085		58		
09	4091	NC/MR @ 1736	59	4131	
10		WD 430 PE/15C	60		
11			61		
12		PE/15C	62		
13			63		
14			64		
15			65		
16		PE/15C	66		
17			67		
18			68		
19	4095		69	4141	NC/MR @ 1806
20	/		70		WD 430
21			71		S/L 095
22			72		TRB 189
23			73		DRIFT 07
24			74		
25			75		
26			76		
27			77		
28			78		
29	4101	NC/MR @ 1746	79	4151	/
30		WD 430	80		
31		S/L 099	81		
32		TRB 186	82		
33	4105		83	4155	EOR # 1897 @ 1815
34	4106	EOR # 1896 @ 1749	84	4156	SOR 1898
35	07	SOR # 1897	85		
36			86		
37			87		
38		PE/15C	88		
39		PE/15C	89	4161	NC/MR @ 1818
40	11		90		WD 420 FM
41			91		
42			92		
43			93	4165	
44	41		94		
45	4117		95		
46			96		
47			97		
48	"		98		
49	4121	WD 430 NC/MR @ 1756	99	4171	

LINE NO. TO-420 DIR. 096 DEG. PARTY NO. 705 DATE 10/69 PAGE 20 8077A

CABLE DEPTH	WATER DEPTH	NO. GUNS	GUN PRES.	GUN DEPTH	SHIPS HEAD	TAIL BOUY
1.2 2.2 3.3 3.8 4.3 5.3 5.8 6.4 2	420 FA	4	2000 PSI	30'	099	1825

FILE NO.	SP NO.	REMARKS
900		
01		
02		
03	4175A	
04		
05		
06		PE/SC
07		
08		
09	4181A	NC/MR @ 1827
10		WD 420 FA
11		
12		
13		
14		
15		
16		
17		
18		PE/SC
19	4191A	
20		
21		
22		
23		
24		
25		
26		
27		
28		
29	4201A	NC/MR @ 1836
30		WD 420 FA
31		
32		
33	4205A	EOR# 1898 @ 1840
34	4226A	SOR# 1899
35		
36		
37		
38		
39	4211A	
40		
41		
42		
43		
44		
45		
46		
47		
48		
49	4221	NC/MR @ 1847

FILE NO.	SP NO.	REMARKS
50		WD 430 FA
51		SH 100°
52		TBB 179°
53		Drift 3° Drift
54		
55		
56		
57		
58		
59	4231	
60		
61		
62		
63		
64		
65		
66		
67		
68		
69	4241	NC/MR @ 1855
70		WD 430 FA
71		
72		
73		
74		
75		
76		
77		
78		
79	4251	
80		
81		
82		
83	4255	EOR# 1899 @ 1904
84	4256	SOR# 1900 PE/SC
85		
86		
87		
88		
89	4261	NC/MR @ 1906
90		WD 420 FA
91		SH 104°
92		TBB 177°
93		Drift 5° Drift
94		
95		
96		
97		
98		
99	4271	

LINE NO. 70-4PQ DIR. 096 DEG. PARTY NO. 705 DATE 10/29 PAGE 21 8077A

CABLE DEPTH	WATER DEPTH	NO. GUNS	GUN PRES.	GUN DEPTH	SHIPS HEAD	TAIL BOUY
1.402.413.404.395.426.41	430 FA	4	2kpsi	30'	1000	184°

FILE NO.	SP NO.	REMARKS	FILE NO.	SP NO.	REMARKS 8° Drift
000			50		
01			51	4301	NC/MR @ 1936
02			52		WD 430 FA
03			53		
04			54		
05			55		
06			56		
07			57		
08			58		
09			59		
10	4281	NC/MR @ 1915	60		
11		WD 430 FA	61	4311	
12			62		
13			63		
14			64		
15			65		
16			66		
17			67		
18			68		
19			69		
20	4291		70	4322	NC/MR @ 1945
21			71	4321	WD 420 FA
22			72		SH 096°
23			73		TBB 186°
24			74		Drift 6° Drift
25			75		
26			76		
27			77		
28			78		
29			79		
30	4301	NC/MR @ 1927	80		
31		WD	81	4331	
32		SH 099°	82		
33		TBB 187°	83		
34	4305	Drift 10° EOL#	84	4334	EOL# 1901 @ 1955
35	4306	SOL# 1901 @ 1929	85	4335	SOL# 902
36			86		
37			87		
38			88		
39			89		
40	4311		90		
41		S.P. Re-adjusted	91	4341	NC/MR @ 1958
42	4292		92		WD 420 FA
43			93		
44			94		
45			95		
46			96		
47			97		
48			98		
49			99		

LINE NO. TO-490 DIR. 096 DEG. PARTY NO. 705 DATE 10/29 PAGE 22 SOT7A

CABLE DEPTH	WATER DEPTH	NO. GUNS	GUN PRES.	GUN DEPTH	SHIPS HEAD	TAIL BOUY
1.42.33.39.39.52.61	420 FA	4	2kpsi	30'	097	1840

FILE NO.	SP NO.	REMARKS	FILE NO.	SP NO.	REMARKS
100			50		
01	4351		51		
02			52		
03			53		
04			54		
05			55		
06			56		
07			57		
08			58		
09			59		
110	4362	EOL/RH 1902 @ 2007	60		
111	4361		61		
12		WD 420 FA	62		
13			63		
14		-LINE COMPLETE-	64		
15			65		
16			66		
17			67		
18			68		
19			69		
20			70		
21			71		
22			72		
23			73		
24			74		
25			75		
26			76		
27			77		
28			78		
29			79		
30			80		
31			81		
32			82		
33			83		
34			84		
35			85		
36			86		
37			87		
38			88		
39			89		
40			90		
41			91		
42			92		
43			93		
44			94		
45			95		
46			96		
47			97		
48			98		
49			99		

TELEDYNE EXPLORATION

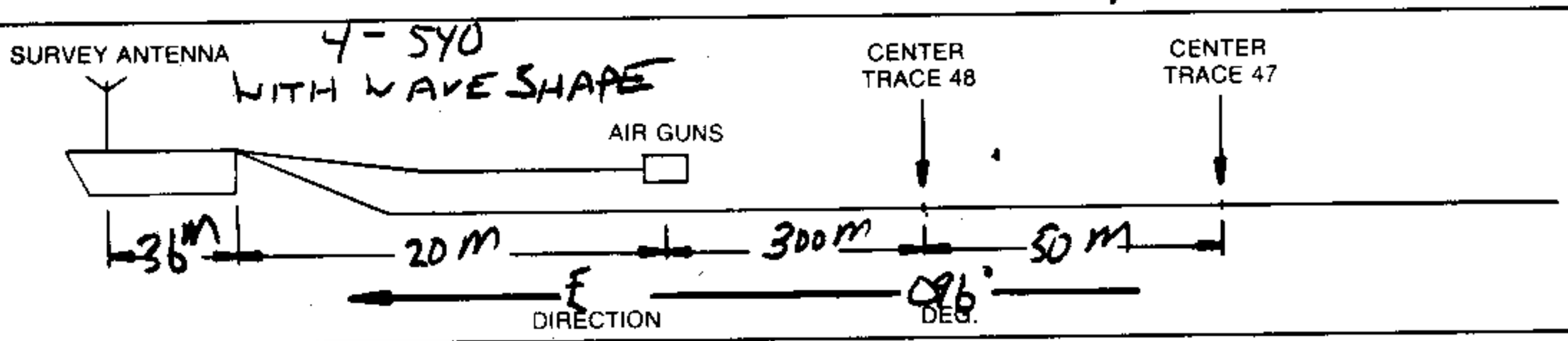
OBSERVER'S DAILY REPORT

U. S. G. S. CONTRACT NO. 14-08-0001-16209

PARTY NO. 705 SYSTEM TYPE DFS IV DATE 10-28-77

CLIENT USGS
LINE NO. 7D49P DIR. 096° DEG.
PROSPECT East Coast USA
LOCATION South Area
SAMPLE RATE 2 MS. BPI 1600
RECORD LENGTH 12 SEC.

PRIME NAVIGATION SAT NAV / LORAN "C"
CABLE TYPE TEC YB TRACE
TRACE INT 48-25 = 50 M / 24-1 = 100 M
SHOT INT. 50 M
WEATHER B - 2
OBSERVER BOSTEN / MCQUEEN



RECORD

INPUT GAIN (500 OHM IMP)	FILTERS LO/SLOPE	FILTERS HI	MAN / IFP
36+6	8/18	124	IFP

REPRODUCE

FILTERS LO	FILTERS HI	TRIP SENSE	INITIAL GAIN	MODE
OUT	AUTO	30	30	AGC

DECK NO.	REEL NO.	CONSTANTS DAY NO.	CONSTANTS LINE NO.	CONSTANTS DIR. DEG.	FILE NO. FROM	FILE NO. TO	SP NO. FROM	SP NO. TO	TIME START	TIME FINISH
2	1862	301	0004	00096	001	050	2461A	2510	2205	2231
1	1863				051	100	2511	2560	2231	2256
2	1864				101	150	2561	2610	2256	2326
1	1865				151	200	2611	2660	2326	0009
2	1866				201	250	2661	2710	0009	0057
1	1867				251	300	2711	2760	0057	0127
2	1868				300	350	2761	2810	0127	0158
1	1869				351	400	2811	2860	0158	0228
2	1870				401	450	2861	2910	0228	0300
1	1871				451	500	2911	2960	0300	0330
2	1872				501	550	2961	3010	0330	0355
1	1873				551	600	3011	3060	0355	0422
2	1874				601	650	3061	3110	0422	0447
1	1875				651	700	3111	3160	0447	0512
2	1876				701	750	3161	3210	0512	0535
1	1877				751	800	3211	3260	0535	0558
2	1878				801	850	3261	3310	0558	0620
1	1879				851	900	3311	3360	0620	0640
2	1880				901	950	3361	3410	0640	0700
1	1881				951	001	3411	3460	0700	0720
2	1882				002	051	3461	3510	0720	3940
1	1883				052	101	3511	3560	3940	0758
2	1884				102	151	3561	3610	0758	0819
1	1885				152	201	3611	3660	0819	0840
2	1886				202	251	3661	3710	0840	0901
1	1887				252	301	3711	3760	0901	0921
2	1888				302	351	3761	3810	0921	0945
1	1889				352	401	3811	3860	0945	1008

8077

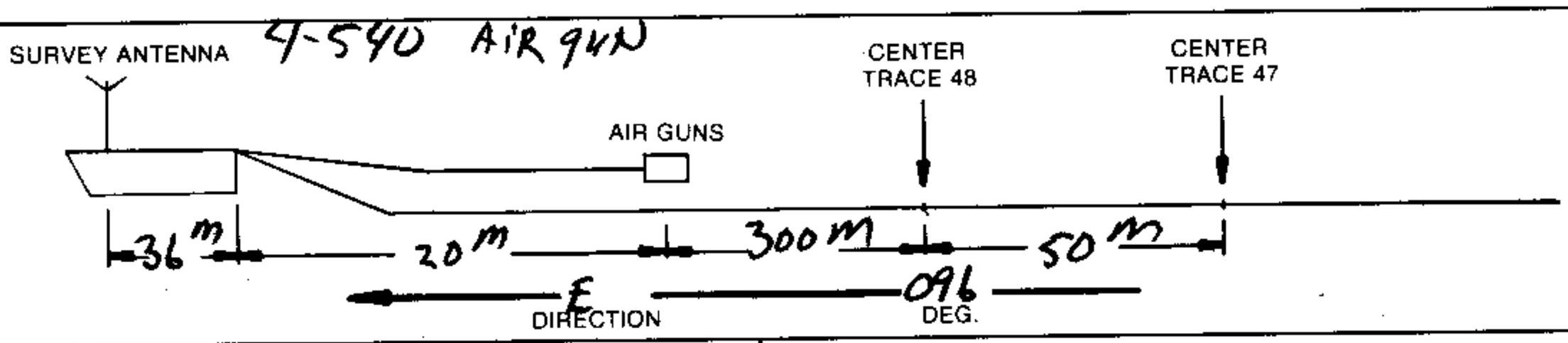
TELEDYNE EXPLORATION

OBSERVER'S DAILY REPORT

PARTY NO. 205 SYSTEM TYPE DFS IV DATE 10-29-77

CLIENT USGS
LINE NO. TD-4QP DIR 096 DEG.
PROSPECT EAST COAST USA
LOCATION South Area
SAMPLE RATE 2 MS. BPI 16
RECORD LENGTH 12 SEC.

PRIME NAVIGATION SAT/NAV-LORAN "C"
CABLE TYPE TEC 48 TRACE
TRACE INT 48·25=50 M - 24-1=100M
SHOT INT. 50 M
WEATHER B-2
OBSERVER POSTEN / Mc QUEEN



RECORD					REPRODUCE				
INPUT GAIN (500 OHM IMP)	FILTERS LO/SLOPE	FILTERS HI	MAN / IFP		FILTERS LO	FILTERS HI	TRIP SENSE	INITIAL GAIN	MODE
36+6	8/18	124	IFP		out	AUTO	30	30	AGC

DECK NO.	REEL NO.	CONSTANTS DAY NO.	CONSTANTS LINE NO.	CONSTANTS DIR. DEG.	FILE NO. FROM	FILE NO. TO	SP NO. FROM	SP NO. TO	TIME START	TIME FINISH
2	1890	301	000	4096	402	451	3861	3910	1008	1034
1	1891				452	501	3911	3960	1034	1103
2	1892				502	551	3961	4010	1103	1134
1	1893				552	601	4011	4060	1134	1203
2	1894				602	633	4061	4092	1203	1219
		CIRCLE - NAV. PROBLEMS								
1	1895				734	783	4006B	4055	1705	1727
2	1896				784	833	4056	4105	1727	1746
1	1897				834	883	4106	4155	1746	1815
2	1898				884	933	4156	4205	1815	1840
1	1899				934	983	4206	4255	1840	1904
2	1900				984	034	4256	4305	1904	1929
1	1901				035	084	4306	4334	1929	1955
2	1902				085	111	4335	4361	1955	2007
		- LINE COMPLETE -								

TELEDYNE EXPLORATION

U. S. G. S. CONTRACT NO. 14-08-0001-16209

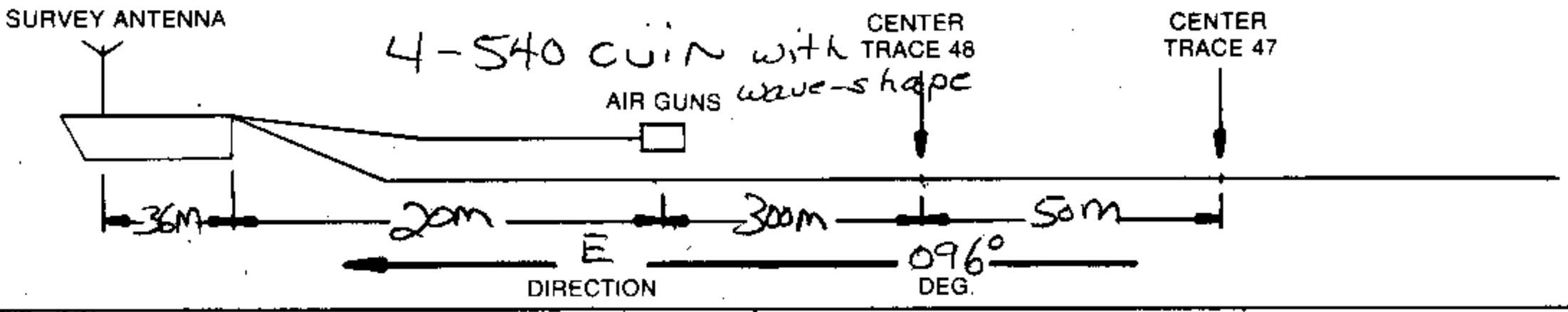
OBSERVER'S DAILY REPORT

JP301

PARTY NO. 705 SYSTEM TYPE DFS IV DATE 10/28/97

CLIENT USGS
LINE NO. TD-4QP DIR. 096° DEG.
PROSPECT East Coast
LOCATION South AREA
SAMPLE RATE 12 MS. BPI 1600
RECORD LENGTH 2 SEC.

PRIME NAVIGATION SAT / NAV
CABLE TYPE TEC 48 TRACE
TRACE INT 48-25=50m/24-1=100m
SHOT INT. 50m
WEATHER B-3
OBSERVER Posten / McQueen



RECORD				REPRODUCE			
INPUT GAIN (500 OHM IMP)	FILTERS LO/SLOPE	FILTERS HI	MAN / IFP	FILTERS LO	FILTERS HI	TRIP SENSE	INITIAL GAIN	MODE
36+6	8/18	24	IFP	out	Auto	30	30	AGC

DECK NO.	REEL NO.	CONSTANTS DAY NO.	CONSTANTS LINE NO.	CONSTANTS DIR. DEG.	FILE NO. FROM	FILE NO. TO	SP NO. FROM	SP NO. TO	TIME START	TIME FINISH
NOTES										
GMT	SP									
2006	2463	TRACE #2 IS OPEN AT BEGINNING OF LINE								
	2651	MIDNIGHT SHOT POINT								
0042	2690	HIGH DRIFT IS DUE TO ART to LINE CORRECTION								
0219	2848	SHIP IN AREA - NOISE ON RECORDS								
0252	2897	SHIP NOISE GONE								
0725	3423	Ship Noise ON Records								
0743	3521	SHIP Noise GONE								
0856	3701	Ship Noise on Record								
1153	4042	SHIP STARTED going backwards - NAV PROBLEM								
		(A) SP 4077								
	4068	-"A" SHOTS - TIE IN POINT								
1153	4041	SP #'s INCORRECT DURING NAV. PROBLEMS (SP# 4042-4092)								
FILE	633	(B) 1219 CIRCLED DUE TO NAV. ERROR - (BAD SIGNALS)								
0530	3200	SHOOTING WITH 2 COMPRESSORS - SLOWED BOAT								
		SPEED TO MAINTAIN 1800 PSI								
1821	4170	Cable noisy due to cable being towed shallow because								
1936	4201	of ship's speed								
		: Cable back down								
		File # 042 @ 1933 S.P. RE Adjusted								