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CABLE DEPTH	WATER DEPTH	NO. GUNS	GUN PRES.	GUN DEPTH	SHIPS HEAD	TAIL BOUY
1.40 2.[illegible] 3.45 4.45 5.45 6.40	408 FATH	4	2KPSI	30'	271°	182°

FILE NO.	SP NO.	REMARKS	FILE NO.	SP NO.	REMARKS
600			650	1013	
01			51		
02	1061	NC/MR @ 2022	52		
03		WD= 408 FATH	53		U. S. C. & G. S. [illegible] NO. [illegible]
04			54	1009	
05			55		
06	1057		56		
07			57		
08			58	1005	
09			59		
10	1053		60		
11			61		
12			62	1001	NC/MR @ 2038
13			63		WD= 405 FATH
14	1049		64		
15			65		
16			66	997	
17			67		
18	1045		68		
19		EOR # 949 @ 2026	69		EOR # 950 @ 2040
20		SOR # 950	70	995	SOR 951
21			71		
22	1041	NC/MR @ 2027	72		
23		SH 270° TBB 180°	73		
24		WD: 406	74	989	
25			75		
26	1037		76		
27			77		
28			78	985	
29			79		
30	1033		80		
31			81		
32			82	981	NC/MR @ 2044
33			83		SH 270° TBB 181
34	1029		84		WD= 405 FATH
35			85		
36			86	977	
37			87		
38	1025		88		
39			89		
40			90	973	
41			91		
42	1021	NC/MR @ 2033	92		
43		SH 270° TBB 181°	93		
44		WD: 406 FATH	94	969	
45			95		
46	1017		96		
47			97	966	LSR @ 2049
48			98		WD: 403 FATH
49			99		

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CABLE DEPTH	WATER DEPTH	NO. GUNS	GUN PRES.	GUN DEPTH	SHIPS HEAD	TAIL BOUY
45 2.1 3.46 4.95 5.44 6.40	376 FATH	4	2 KPSI	30'	275°	182°

FILE NO.	SP NO.	REMARKS	FILE NO.	SP NO.	REMARKS
500			550	1113	
01			51		
02	1153	U. S. G. S. CONTRACT	52		
03		NO. 14-08-0001-16209	53		
04			54	1109	
05			55		
06	1149		56		
07			57		
08			58	1105	
09			59		
10	1145		60		
11			61		
12			62	1101	NC/MR @ 2011
13			63		WD = 413 FATH
14	1141	NC/MR @ 1954	64		
15		WD = 376 FATH	65		
16			66	1097	
17			67		
18	1137		68		
19		EOR # 947 @ 1956	69		EOR # 948 @ 2013
20		SOR # 948	70	1093	SOR # 949
21			71		
22	1133		72		
23			73		
24			74	1089	
25			75		
26	1129		76		
27			77		
28			78	1085	
29			79		
30	1125		80		
31			81		
32			82	1081	NC/MR @ 2016
33			83		SH = 271° TBB 182°
34	1121	NC/MR @ 2000	84		WD = 408 FATH
35		SH 271° TBB 182°	85		
36		WD = 410 FATH	86	1077	
37			87		
38	1117		88		
39			89		
40			90	1073	
41			91		
42	1113		92		
43			93		
44			94	1069	
45			95		
46	1109		96		
47	1116	Adjust S.P.s	97		
48			98	1065	
49		PE/SC	99		

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CABLE DEPTH	WATER DEPTH	NO. GUNS	GUN PRES.	GUN DEPTH	SHIPS HEAD	TAIL BOUY
1.45 2.1 3.74 4.45 5.15 6.40	375 FATH	4	2KPSI	30'	276°	182°

FILE NO.	SP NO.	REMARKS	FILE NO.	SP NO.	REMARKS
400			450	1205	
01			51		
02	1253		52		
03			53		
04			54	1201	NC/MR @ 1938
05			55		SH 277° TBB 182°
06	1249		56		WD = 375 FATH
07			57		
08			58	1197	
09			59		
10	1245		60		
11			61		
12			62	1193	
13			63		
14	1241	NC/MR @ 1926	64		
15		SH 276° TBB 182°	65		No Program on Raytheon
16		WD = 380 FATH...	66	1189	
17			67		
18	1237		68		
19		EOR # 945 @ 1928	69		EOR # 946 @ 1942
20		SOR # 946	70	1185	SOR # 947
21			71		
22	1233		72		
23			73		
24			74	1181	NC/MR @ 1943
25			75		WD = 375 FATH
26	1229		76		
27			77		
28			78	1177	
29			79		
30	1225		80		
31			81		
32			82	1173	
33			83		
34	1221	NC/MR @ - 1932	84		
35		WD = 376 Fath	85		
36			86	1169	
37			87		
38	1217		88		
39			89		
40			90	1165	
41			91		
42	1213		92		
43			93		
44			94	1161	NC/MR @ 1950
45			95		SH 275° TBB 182°
46	1209		96		WD = 376 FATH.
47			97		
48			98	1157	
49			99		

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CABLE DEPTH	WATER DEPTH	NO. GUNS	GUN PRES.	GUN DEPTH	SHIPS HEAD	TAIL BOUY
1.4 2.4 3.4 4.4 5.4 6.4	390 Fath	4	2000 lbs	30'	277°	185°

FILE NO.	SP NO.	REMARKS	FILE NO.	SP NO.	REMARKS
300			50	1305	
01			51		
02	1354		52		
03			53		
04			54	1301	NC/MR @ 1907
05			55		WD= 382 FATH
06	1349		56		
07			57		
08			58	1297	
09			59		
10	1345		60		PE...
11			61		
12			62	1293	
13			63		
14	1341	NC/MR @ 1855	64		
15		WD -388 FATH.	65		
16			66	1289	PE/SC
17			67		
18	1337		68		
19		EOR #943 @ 1856	69		EOR # 944 @ [redacted] 1912
20		SOR #944	70	1285	SOR # 945
21			71		
22	1333		72		
23			73		
24			74	1281	NC/MR @
25			75		SH: 279° TBB: 182°
26	1329		76		WD= 379 FATH.
27			77		
28			78	1277	
29			79		
30	1325		80		
31			81		
32			82	1273	
33			83		
34	1321	NC/MR @ 1900	84		
35		SH -279° TBB -184°	85		
36		WD -384 FATH	86	1269	
37			87		
38	1317		88		
39			89		
40			90	1265	
41			91		
42	1313		92		
43			93		
44			94	1261	NC/MR @ 1920
45			95		WD= 375 FATH.
46	1309		96		
47			97	1258	
48			98	1257	
49			99		

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CABLE DEPTH	WATER DEPTH	NO. GUNS	GUN PRES.	GUN DEPTH	SHIPS HEAD	TAIL BOUY
1.452.NA3.44 4.45 5.45 6.43	393 Fath	4	2000 lbs	30'	283°	180°

FILE NO.	SP NO.	REMARKS	FILE NO.	SP NO.	REMARKS
200	-		250	1405	
01	1445		51		
02			52		
03			53		
04	1451	Sat/rau Adjust	54	1401	NC/MR @ 1834
05	1441	~~NC/MR @~~	55		SH - 279° TBB - 184°
06		~~SH - TBB -~~	56		WD - 393 Fath
07		~~WD -~~	57		
08			58	1397	
09	1456		59		
10			60		
11			61		
12			62	1393	
13			63		
14	1441	NC/MR @ 1821	64		
15		SH - 283° TBB - 180°	65		
16		WD - 393 Fath	66	1389	
17			67		
18	1437		68		
19		EOR 941 @ 1823	69		EOR 942 @ 1840
20		SOR 942	70	1385	SOR 943
21			71		
22	1433		72		
23			73		
24			74	1381	NC/MR @ 1841
25			75		WD - 393 Fath
26	1429		76		
27			77		
28			78	1377	
29			79		
30	1425		80		
31			81		
32			82	1373	
33			83		
34	1421	NC/MR @ 1828	84		
35		WD - 393 Fath	85		
36			86	1369	
37			87		
38	1417		88		
39			89		
40			90	1365	
41			91		
42	1413		92		
43			93		
44			94	1361	NC/MR @ 1848
45			95		SH - 277° TBB - 185°
46	1409		96		WD - 390 Fath
47			97		
48			98	1357	
49			99		

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CABLE DEPTH	WATER DEPTH	NO. GUNS	GUN PRES.	GUN DEPTH	SHIPS HEAD	TAIL BOUY
1.45 2.NA 3.46 4.45 5.44 6.40	399 Fath	4	2000 lbs	30'	2840	1790

FILE NO.	SP NO.	REMARKS	FILE NO.	SP NO.	REMARKS
00			50		
01	1545		51		
02			52		
03			53	1493	
04			54		
05	1541	NC/MR @ 1748	55		
06		WD - 398 Fath	56		
07			57	1489	
08			58		
09	1537		59		
10			60		
11			61	1485	
12			62		
13	1533		63		
14			64		
15			65	1481	NC/MR @ 1807
16			66		SH - 282° TBB - 183°
17	1529		67		WD - 394°
18			68		
19		EOR 939 @ 1753	69	1477	EOR 940 @ 1809
20		SOR 940	70		SOR 941
21	1525		71		
22			72		
23			73	1473	
24			74		
25	1521	NC/MR @ 1754	75		
26		SH - 286° TBB - 178°	76		
27		WD - 395 Fath	77	1469	
28			78		
29	1517		79		
30			80		
31			81	1465	
32			82		
33	1513		83		
34			84		
35			85	1461	NC/MR @ 1813
36			86		WD - 392 Fath
37	1509		87		
38			88		
39			89	1457	
40			90		
41	1505		91		
42			92		
43			93	1453	
44			94		
45	1501	NC/MR @ 1800	95		
46		WD - 390 Fath	96		
47			97	1449	
48			98		
49	1497		99		

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CABLE DEPTH	WATER DEPTH	NO. GUNS	GUN PRES.	GUN DEPTH	SHIPS HEAD	TAIL BOUY
1.452. NA 3.44 4.45 5.44 6.42	408 FATH	4	2000 lbs	30'	282°	182°

FILE NO.	SP NO.	REMARKS	FILE NO.	SP NO.	REMARKS
~~000~~			50		
001	1645		51		
02			52		
03			53	1593	
04			54		
05	1641	NC/MR @ 1718	55		
06		SH - 282° TBB - 182°	56		
07		WD - 408 FATH	57	1589	
08			58		
09	1637		59		
10			60		
11			61	1585	
12			62		
13	1633		63		
14			64		
15			65	1581	NC/MR @ 1737
16			66		WD - 400 FATH
17	1629		67		
18		~~EOR 937 @~~	68		
19		EOR 938 @ 1723	69	1577	EOR 938 @ 1738
20		SOR 938	70		SOR 939
21	1625		71		
22			72		
23			73	1573	
24			74		
25	1621	NC/MR @ 1724	75		
26		WD - 402 FATH	76		
27			77	1569	
28			78		
29	1617		79		
30			80		
31			81	1565	
32			82		
33	1613		83		
34			84		
35			85	1561	NC/MR @ 1742
36			86		SH - 284° TBB - 179°
37	1609		87		WD - 399 FATH
38			88		
39			89	1557	
40			90		
41	1605		91		
42			92		
43			93	1553	
44			94		
45	1601	NC/MR @ 1731	95		
46		SH - 283° TBB - 181°	96		
47		WD - 400 FATH	97	1549	
48			98		
49	1597		99		

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CABLE DEPTH	WATER DEPTH	NO. GUNS	GUN PRES.	GUN DEPTH	SHIPS HEAD	TAIL BOUY
1.452 N A 3.444 4.445 5.456 6.41	419 Fath	4	2000 lbs	30'	287°	182°

FILE NO.	SP NO.	REMARKS	FILE NO.	SP NO.	REMARKS
100	1745		950		
01			51		
02			52	1693	
03			53		
04	1741	NC/MR @ 1646	54		
05		WD - 420 Fath.	55		
06			56	1689	
07			57		
08	1737		58		
09			59		
10			60	1685	
11			61		
12	1733		62		
13			63		
14			64	1681	NC/MR @ 1706
15			65		SH - 285° TBB - 181°
16	1729		66		WD - 413 Fath.
17			67		
18		EOR 935 @ 1651	68	1677	EOR 936 @ 1707
19		SOR 936	69		SOR 937
20	1725		70		
21			71		
22			72	1673	
23			73		
24	1721	NC/MR @ 1653	74		
25		SH. 282° TBB - 183°	75		
26		WD - 418 Fath	76	1669	
27			77		
28	1717		78		
29			79		
30			80	1665	
31			81		
32	1713		82		
33			83		
34			84	1661	NC/MR @ 1712
35			85		WD - 413 Fath
36	1709		86		
37			87		
38			88	1657	
39			89		
40	1705		90		
41			91		
42			92	1653	
43			93		
44	1701	NC/MR @ 1700	94		
45		WD - 418 Fath	95		
46			96	1649	
47			97		
48	1697		98		
49			99		

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CABLE DEPTH	WATER DEPTH	NO. GUNS	GUN PRES.	GUN DEPTH	SHIPS HEAD	TAIL BOUY
1.452.M3.34 4.45 5.45 6.35	426 Fath	4	2000 lbs	30'	292°	175°

FILE NO.	SP NO.	REMARKS	FILE NO.	SP NO.	REMARKS
800	1845		850		
01			51		
02			52	1793	
03			53		
04	1841	NC/MR @ 1613	54		
05		SH - 292° TBB - 175°	55		
06		WD - 426 Fath	56	1789	
07			57		
08	1837		58		
09			59		
10			60	1785	
11			61		
12	1833		62		
13			63		
14			64	1781	NC/MR @ 1633
15			65		WD - 420 Fath
16	1829		66		
17			67		
18		EOR 933 @ 1617	68	1777	EOR 934 @ 1635
19		SOR 934	69		SOR 935
20	1825		70		
21			71		
22			72	1773	
23			73		
24	1821	NC/MR @ 1619	74		
25		WD - 424 Fath	75		
26			76	1769	
27			77		
28	1817		78		
29			79		
30			80	1765	
31			81		
32	1813		82		
33			83		
34			84	1761	NC/MR @ 1639
35			85		SH - 287° TBB - 180°
36	1809		86		WD - 419 Fath
37			87		
38			88	1757	
39			89		
40	1805		90		
41			91		
42			92	1753	
43			93		
44	1801	NC/MR @ 1625	94		
45		SH - 287° TBB - 180°	95		
46		WD - 426 Fath	96	1749	
47			97		PA - SC
48	1797		98		
49			99		

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CABLE DEPTH	WATER DEPTH	NO. GUNS	GUN PRES.	GUN DEPTH	SHIPS HEAD	TAIL BOUY
1.43 2.N/A 3.43 4.44 5.44 6.40	428°	4	2000 lbs	30 ft	292°	179°

FILE NO.	SP NO.	REMARKS	FILE NO.	SP NO.	REMARKS
700	1945		750		
01			51		
02			52	1893	
03			53		
04	1941	NC/MR @ 1539	54		
05		WD 428	55		
06			56	1889	
07			57		
08	1937		58		
09			59		
10			60	1885	
11			61		
12	1933		62		
13			63		
14			64	1881	NC/MR @ 1558
15			65		SH- 287° TBB-179°
16	1929		66		WD- 436 Fath
17			67		
18		E.O.R. 931 @ 1544	68	1877	EOR 932 @ 1600
19		S.O.R. 932 RE SC.	69		SOR 933
20	1925		70		
21			71		
22			72	1873	
23			73		
24	1921	NC/MR @ 1545	74		
25		S.H. 280° T.B.B 178°	75		
26		WD 426 FATH	76	1869	
27			77		
28	1917		78		
29			79		
30			80	1865	
31			81		
32	1913		82		
33			83		
34			84	1861	NC/MR @ 1606
35			85		WD- 426 Fath
36	1909		86		
37			87		
38			88	1857	
39			89		
40	1905		90		
41			91		
42			92	1853	
43			93		
44	1901	NC/MR @ 1552	94		
45		WD - 426 fath	95		
46			96	1849	
47			97		
48	1897		98		
49			99		

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CABLE DEPTH	WATER DEPTH	NO. GUNS	GUN PRES.	GUN DEPTH	SHIPS HEAD	TAIL BOUY
1.43 2.44 3.44 4.45 5.45 6.42	435 FATH	4	2000 lbs	30 FT	290°	177°

FILE NO.	SP NO.	REMARKS	FILE NO.	SP NO.	REMARKS
00	2045		50		
01			51		
02			52	1993	
03	~~2041~~	NC/MR @ 1508	53		
04	2041	WD 433 FATH	54		
05			55		
06			56	1989	
07			57		
08	2037		58		
09			59		
10			60	1985	
11			61		
12	2033		62		
13			63		
14			64	1981	NC/MR @ 1527
15			65		S.H. 289° T.B.B 82°
16	2029		66		WD - 429 FATH.
17			67		
18	2027	E.O.R 929 @ 1512	68	1977	E.O.R. 930 @ 1529
19		S.O.R. 930	69		S.O.R. 931
20	2025		70		
21			71		
22			72	1973	
23		P.E S.C.	73		
24	2021	NC/MR @ 1514	74		
25		S.H. 290° T.B.B. 178	75		
26		WD 433 FATH	76	1969	
27			77		
28	2017		78		
29			79		
30			80	1965	
31			81		
32	2013		82		
33			83		
34			84	1961	NC/MR @ 1533
35			85		WD - 429 FATH
36	2009		86		
37			87		
38			88	1957	
39			89		
40	2005		90		
41			91		
42			92	1953	
43			93		
44	2001	NC/MR @ 1521	94		
45		WD 430 FATH	95		
46			96	1949	
47			97		
48	1997		98		
49			99		

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CABLE DEPTH	WATER DEPTH	NO. GUNS	GUN PRES.	GUN DEPTH	SHIPS HEAD	TAIL BOUY
1432 – 3.444.445456.41	438 Fms	4	2 KPSI	30'	292°	180°

FILE NO.	SP NO.	REMARKS	FILE NO.	SP NO.	REMARKS
500			550		
01			51	2093	
02			52		
03	2141	NC/MR @	53		
04		WD-438 Fms	54		
05			55	89	
06			56		
07	2137		57		
08			58		
09			59	85	
10			60		
11	33		61		
12			62		
13			563	2081	NC/MR @ 1456
14			64		SH-293 TBB-176°
15	29		65		WD-433 Fms
16			66		
17			67	77	
18		EOR 927 @ 1441	568	2076	EOR 928 @ 1458
519	2125	SOR 928	69	2075	SOR 929
20			70		
21			71	73	
22			72		
23	21	NC/MR @ 1442	73		
24		SH-293° TBB-177°	74		
25		WD-437 Fms	75	69	
26			76		
27	17		77		
28			78		
29			79	65	
30			80		
31	13		81		
32			82		PE SC
33			83	2061	NC/MR @ 1502
34			84		WD-433
35	09		85		
36			86		
37			87	2057	
38			88	56	
39	05		89	55	SHOT POINTS UPDATED
40			90	55	BY NAVIGATION
41			91	54	
42			92	2053	
43	2101	NC/MR @ 1449	93		
44		WD-433 Fms	94		
45			95		
46			96	2049	
47	2097		97		
48			98		
49			99	2046	

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CABLE DEPTH	WATER DEPTH	NO. GUNS	GUN PRES.	GUN DEPTH	SHIPS HEAD	TAIL BOUY
432 N/A 3.44 4.45 5.44 6.42	438 FATH	4	2000 lbs	30 FT	289°	181°

FILE NO.	SP NO.	REMARKS	FILE NO.	SP NO.	REMARKS
100	2245		450		
01		E.O.R. 924 @ 1403	51	2193	~~E.O.R 926~~
02		S.O.R 925	52	~~2143~~	~~S.O.R 927~~
03			53		
04	2241	NC/MR @ 1404	54		
05		WD 438 FATH.	55	2189	
06			56		
07			57		
08	2237		58		
09			59	2185	
10			60		
11			61		
12	2233		62		
13			63	2181	NC/MR @ 1423
14			64		SH 291 T.B.R 178°
15			65		WD- 438 FATH
16	2229		66		
17			67	2177	
418	2224	E.O.R 925 @ 1407	468		E.O.R. 926 @ 1425
19	2228	S.O.R 926	69		S.O.R. 927
20	~~2225~~		70		
21			71	2173	
22			72		
23	2221		73		
24	~~2221~~	NC/MR @ 1409	74		
25		S.H. 291 T.BB 180°	75	2169	
26		WD. 438 FATH.	76		
27	2217		77		
28	~~2217~~		78		
29			79	2165	
30			80		
31	2213		81		
32	~~2213~~		82		
33			83	2161	NC/MR @ 1429
34			84		WD 438 FATH
35	2209		85		
36	~~2209~~		86		
37			87	2157	
38			88		
39	2205		89		
40	~~2205~~		90		
41			91	2153	
42			92		
43	2201		93		
44	~~2201~~	NC/MR @ 1417	94		
45		WD 437 FATH.	95	2149	
46			96		
47	2197		97		
48	~~2197~~		98		
49			99	2145	

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CABLE DEPTH	WATER DEPTH	NO. GUNS	GUN PRES.	GUN DEPTH	SHIPS HEAD	TAIL BOUY
.43 2.NI/B 434.45 5.446.41	443 FATH	4	2000 lbs	30 FT.	291°	178°

FILE NO.	SP NO.	REMARKS	FILE NO.	SP NO.	REMARKS
300	2345		350		
01		E.O.R. 922 @ 1332	51		E.O.R. 923 @ 1348
02		S.O.R 923	52	2293	S.O.R. 924
03			53		
04	2341	NC/MR @ 1333	54		
05		WD 443 FATH.	55		R.E. SC.
06			56	2289	
07			57		
08	2337		58		
09			59		
10			60	2285	
11			61		P.E.
12	2333		62		
13			63		
14			64	2281	NC/MR @ 1352
15			65		S.H. 292° T.B.B 178°
16	2329		66		WD- 445 FATH.
17			67		
18			68	2277	SC.
19			69		
20	2325		70		R.E SC.
21			71		
22			72	2273	
23			73		
24	2321	NC/MR @ 1339	74		RADIO IN USE
25		S.H. 295° T.B.B 175°	75		
26		WD. 444 FATH.	76	2269	
27			77		
28	2317		78		
29			79		
30			80	2265	
31			81		
32	2313		82		
33			83		
34			84	2261	NC/MR @ 1358
35			85		WD 450 FATH.
36	2309		86		
37			87		
38			88	2257	
39			89		
40	2305		90		
41			91		
42			92	2253	
43			93		
44	2301	NC/MR @ 1345	94		
45		WD 442 FATH.	95		
46			96	2249	
47			97		
48	2297		98		
49			99		

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CABLE DEPTH	WATER DEPTH	NO. GUNS	GUN PRES.	GUN DEPTH	SHIPS HEAD	TAIL BOUY
43 2.NIL 3.43 4.44 5.44 6.43	438 FATH	4	2000 LBS	30 FT	292°	177°

FILE NO.	SP NO.	REMARKS	FILE NO.	SP NO.	REMARKS
200	2445		250		
01		E. O.R 920 @ 1301	51		E. O.R. 921 @ 1316
02		S. O.R. 921	52	2393	S. O.R. 922
03			53		
04	2441	NC/MR @ 1302	54		
05		WD 442 FATH.	55		
06			56	2389	
07			57		
08	2437		58		
09			59		
10			60	2385	
11			61		
12	2433		62		
13			63		
14			64	2381	NC/MR @ 1320
15			65		S.H. 293° T.B.B 177°
16	2429		66		WD - 438 FATH
17			67		
18			68	2377	
19			69		
20	2425		70		
21			71		
22			72	2373	
23			73		
24	2421	NC/MR @ 1307	74		
25		SH- 292° T.B.B. 177°	75		
26		WD 444 FATH	76	2369	
27			77		
28	2417		78		
29			79		
30			80	2365	
31			81		
32	2413		82		
33			83		
34			84	2361	NC/MR @ 1327
35			85		WD 442 FATH.
36	2409		86		
37			87		
38			88	2357	
39			89		
40	2405		90		
41			91		
42			92	2353	
43			93		
44	2401	NC/MR @ 1314	94		
45		WD 443 FATH.	95		
46			96	2349	
47			97		
48	2397		98		
49			99		

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CABLE DEPTH	WATER DEPTH	NO. GUNS	GUN PRES.	GUN DEPTH	SHIPS HEAD	TAIL BOUY
432 N/A 3.434.445.446.42	437 FATH	4	2000 LBS	30 FT.	291°	180°

FILE NO.	SP NO.	REMARKS	FILE NO.	SP NO.	REMARKS
100	2545		150		
101		E.O.R. 918 @ 1232	151		E.O.R 919 @ 1246
02	2543	S.O.R 919	52	2493	S.O.R. 920
03			53		
04	2541	NC/MR @ 1233	54		
05		WD 438 FATH	55		
06			56	2489	
07			57		
08	2537		58		
09			59		
10			60	2485	
11			61		
12	2533		62		
13			63		
14			64	2481	NC/MR @ 1249
15			65		SH 291° T.B.B 180°
16	2529		66		WD 438 FATH.
17			67		
18			68	2477	
19			69		
20	2525		70		
21			71		
22			72	2473	
23			73		
24	2521	NC/MR @ 1239	74		
25		S.H. 293° T.B.B. 178°	75		
26		WD 438 FATH.	76	2469	P.E. S.C.
27			77		
28	2517		78		
29			79		
30			80	2465	
31			81		
32	2513		82		
33			83		
34			84	2461	NC/MR @ 1255
35			85		W.D 440 FATH
36	2509		86		
37			87		
38			88	2457	
39			89		
40	2505		90		
41			91		
42			92	2453	
43			93		
44	2501	NC/MR @ 1244	94		
45		WD 437 FATH	95		
46			96	2449	
47			97		
48	2497		98		
49			99		

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CABLE DEPTH	WATER DEPTH	NO. GUNS	GUN PRES.	GUN DEPTH	SHIPS HEAD	TAIL BOUY
432.N/A3.434.445.446.42	437 FATH.	4	2000LBS	30 FT	293°	180°

FILE NO.	SP NO.	REMARKS	FILE NO.	SP NO.	REMARKS
00			050		
001		E.O.R. 916 @ 1202	51		E.O.R. 917 @ 1217
02	2643	S.O.R. 917	52	2593	S.O.R. 918
03			53		
04	2641	NC/MRP 1203	54		
05		WD 438 FATH	55		
06			56	2589	
07			57		
08	2637		58		
09			59		
10			60	2585	
11			61		
12	2633		62		
13			63		
14			64	2581	NC/MR @ 1221
15			65		S.H. 293° T.B.B 178°
16	2629		66		WD 438 FATH.
17			67		
18			68	2577	
19			69		
20	2625		70		
21			71		
22			72	2573	
23			73		
24	2621	NC/MRP 1209	74		
25		S.H. 290° T.B.B 180°	75		
26		W.D. 438 FATH.	76	2569	
27			77		
28	2617		78		
29			79		
30			80	2565	
31			81		
32	2613		82		
33			83		
34			84	2561	NC/MR @ 1227
35			85		WD 435 FATH
36	2609		86		
37			87		
38		SC.	88	2557	
39			89		
40	2605		90		
41			91		
42			92	2553	
43			93		
44	2601	NC/MR @ 1215	94		
45		W.D 437 FATH.	95		
46			96	2549	
47			97		
48	2597		98		
49			99		

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CABLE DEPTH	WATER DEPTH	NO. GUNS	GUN PRES.	GUN DEPTH	SHIPS HEAD	TAIL BOUY
.43 2 N/A 3.44 4.44 5.45 6.42	433 FATH	4	2000 LBS	30'	292°	178°

FILE NO.	SP NO.	REMARKS	FILE NO.	SP NO.	REMARKS
900			50		
01	2739	F.O.R. 914 @ 1133	951	2693	F.O.R. 915 @ 1147
02		S.O.R. 915	52		S.O.R. 916 P.E. 5C.
03	2741	NC/MRQ 1133	53		
04		WD 433	54		
05			55	2689	
06	2		56		
07	2737		57		
08			58		
09			59	2685	
10			60		
11	2733		61		
12			62		
13			63	2681	NC/MRQ 1151
14			64		S.H. 292° T.B.R. 180°
15	2729		65		WD 435 FATH
16			66		
17			67	2677	
18			68		
19	2725		69		
20			70		
21			71	2673	
22			72		
23	2721	NC/MRQ 1139	73		
24		S.H. 295 T.B.R. 176°	74		
25		WD. 435 FATH	75	2669	
26			76		
27	2717		77		
28			78		
29			79	2665	
30			80		
31	2713		81		
32			82		
33			83	2661	NC/MRQ 1157
34			84		WD - 435 FATH.
35	2709		85		
36			86		
37			87	2657	
38			88		
39	2705		89		
40			90		
41			91	2653	
42			92		
43	2701	NC/MRQ 1145	93		
44		W.D 435 FATH.	94		
45			95	2649	
46			96		
47	2697		97		
48			98		
49		P.E.	99	2645	

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CABLE DEPTH	WATER DEPTH	NO. GUNS	GUN PRES.	GUN DEPTH	SHIPS HEAD	TAIL BOUY
.432 W/B 3.444.445.446.42	435 FATH	4	2000 LBS	30'	292°	178°

FILE NO.	SP NO.	REMARKS	FILE NO.	SP NO.	REMARKS
800			850		
01		E.O.R. 912 @ 1102	51	2795	E.O.R. 913 @ 1117
02	2845	S.O.R. 913	52		S.O.R. 914
03			53	2793	
04			54		
05			55		
06	2841	NC/MR @ 1103	56		
07		WD 435 FATH	57	2789	
08			58		
09			59		
10	2837		60		
11			61	2785	
12			62		
13			63		
14	2833		64		
15			65	2781	
16			66		NC/MR @ 1121
17			67		S.H. 291° T.B.R 179°
18	2829		68		WD 435 FATH.
19			69	2777	
20			70		
21			71		
22	2825		72		
23			73	2773	
24			74		
25			75		
26	2821	NC/MR @ 1110	76		
27		S.H. 292° T.B.R 178°	77	2769	
28		WD. 435 FATH	78		
29			79		
30	2817		80		
31			81	2765	
32			82		
33			83		
34	2813		84		
35			85	2761	
36			86		NC/MR @ 1127
37			87		WD - 435
38	2809		88		
39		LOST S.R 2808 - 2807	89	2757	
40	2806		90		
41			91		
42			92		
43			93	2753	
44			94	~~2752~~ ~~2750~~	LOST S.P. 2750
45	2801		95	2751	+ 2749 NAV. RESET
46		NC/MR @ 1116	96	2748	
47		W.D 437	97	2749	
48	2798		98		
49			99	2745	

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CABLE DEPTH	WATER DEPTH	NO. GUNS	GUN PRES.	GUN DEPTH	SHIPS HEAD	TAIL BOUY
.42 2.NM 3.43 4.44 5.43 6.42	434 FATH	4	2000 lbs	30'	293°	180°

FILE NO.	SP NO.	REMARKS	FILE NO.	SP NO.	REMARKS
700			750	2897	
701		E.O.R. 910 @ 1033	751		E.O.R. 911 @ 1046
02	2945	S.O.R. 911	52		S.O.R 912
03			53		
04			54	2893	R.E. SC.
05			55		
06	2941	NC/MR @ 1034	56		
07		WD 439 FATH	57		
08			58	2889	
09			59		
10	2937		60		
11			61		
12			62	2885	
13			63		
14	2933		64		
15			65		
16			66	2881	NC/MR @ 1049
17			67		S.H 293° T.B.B 180°
18	2929		68		WD 435 FATH
19			69		
20			70	2877	
21			71		
22	2925		72		
23			73		
24			74	2873	
25			75		
26	2921	NC/MR @ 1039	76		
27		S.H. 291° T.B.B 183°	77		
28		WD. 433 FATH.	78	2869	
29			79		
30	2917		80		
31			81		
32			82	2865	
33			83		
34	2913		84		
35			85		
36			86	2861	NC/MR @ 1054
37			87		WD - 433 FATH.
38	2909		88		
39			89		
40			90	2857	
41			91		
42	2905		92		
43			93		
44			94	2853	
45			95		
46	2901	NC/MR @ 1044	96		
47		WD - 436 FATH.	97		
48		SHIP NOISE ON RECORD	98	2849	
49			99		

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CABLE DEPTH	WATER DEPTH	NO. GUNS	GUN PRES.	GUN DEPTH	SHIPS HEAD	TAIL BOUY
42 2.~~44~~ 3.42 4.44 5.45 6.41	442 FATH	4	2000 LB	30'	295°	177°

LE NO.	SP NO.	REMARKS	FILE NO.	SP NO.	REMARKS
00			650	2997	
01	30~~29~~	E.O.R 908 @ 1006	651		E.O.R 909 @ 1019
02 304	~~3045~~	S.O.R. 909	52		S.O.R. 910
03	~~3045~~		53		
04			54	2993	
05			55		
06	3041	NC/MR @ 1007	56		
07	~~3041~~	WD 441 FATH.	57		
08			58	2989	
09			59		
10	3037		60		
11	~~3~~		61		
12			62	2985	
13			63		
14	3033		64		
15			65		
16			66	2981	NC/MR @ 1023
17			67		S.H. 293° T.BB 179°
18	3029		68		WD 430 FATH
19			69		
20			70	2977	
21			71		
22	3025		72		
23			73		
24			74	2973	
25			75		
26	3021	NC/MR @ 1012	76		
27		SH. 293° T.BB. 177°	77		
28		WD 440 FATH	78	2969	
29			79		
30	3017		80		
31			81		
32			82	2965	
33			83		
34	3013		84		
35			85		
36			86	2961	NC/MR @ 1028
37			87		WD. 436 FATH
38	3009		88		
39			89		
40			90	2957	
41			91		
42	3005		92		
43			93		
44			94	2953	
45			95		
46	3001	NC/MR @ 1017	96		
47		WD 437 FATH.	97		
48			98	2949	
49			99		

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CABLE DEPTH	WATER DEPTH	NO. GUNS	GUN PRES.	GUN DEPTH	SHIPS HEAD	TAIL BOUY
1.41 2.43 3.41 4.44 5.44 6.41	448 Fath	4	2000 lbs	30'	290°	178°

FILE NO.	SP NO.	REMARKS	FILE NO.	SP NO.	REMARKS
500			550	3097	
01		EOR 906 @ 0939	51		EOR 907 @ 0953
02	3137	SOR 907	52		SOR 908 P.E.S.C.
03			53		
04			54	3093	
05			55		
06	3133		56		
07			57		
08			58	3089	~~NC/MR @~~
09			59		~~WD~~
10	3129		60		
11			61		
12			62	3085	
13			63		
14	3125		64		
15			65		
16	3123		66	3081	NC/MR @ 0957
17			67		WD- 441 FATH
18	3121	NC/MR @ 0943	68		
19		WD - 442 Fath.	69		
20			70	~~3069~~ 77	3077
21			71		
22	3117		72		
23	3124		73		
24	3123	0943 Fath/Nav Adjust	74	~~3065~~ 73	3073
25	22		75		
26	3121		76		
27			77		
28			78	3069	~~NC/MR @~~
29			79		~~SH~~ ~~TBB~~
30	3107		80		~~WD~~
31			81		
32			82	3065	
33			83		
34	3103		84		
35			85		
36			86	3061	NC/MR @
37			87		~~SH~~ ~~TBB~~
38	3109	~~NC/MR @~~	88		WD- 442 FATH.
39		SH - TBB -	89		
40		WD=	90	3057	
41			91		
42	3095		92		
43			93		
44			94	3053	
45			95		
46	3091	NC/MR @ 0951	96		
47		SH - 291° TBB 180°	97		
48		WD - 440 Fath	98	3049	~~NC/MR @~~
49			99		~~WD~~

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CABLE DEPTH	WATER DEPTH	NO. GUNS	GUN PRES.	GUN DEPTH	SHIPS HEAD	TAIL BOUY
1.42 2.MA 3.43 4.45 5.44 6.42	446 Fath	4	2000 lbs	30'	289°	181°

FILE NO.	SP NO.	REMARKS	FILE NO.	SP NO.	REMARKS
400			450	3189	
01		EOR 904 @ 0912	51		EOR 905 @ 0925
02	3237	SOR 905	52		SOR 906
03			53		
04			54	3185	
05			55		
06	3233		56		
07			57		
08			58	3181	NC/MR @ 0927
09			59		SH - 289° TBB - 181°
10	3229		60		WD - 446 Fath
11			61		
12			62	3177	
13			63		
14	3225		64		
15			65		
16			66	3173	
17			67		
18	3221	NC/MR @ 0916	68		
19		SH - 289° TBB - 181°	69		
20		WD - 446 Fath	70	3169	
21			71		
22	3217		72		
23			73		
24			74	3165	
25			75		
26	3213		76		
27			77		
28			78	3161	NC/MR @ 0933
29			79		WD - 446 Fath
30	3209		80		
31			81		
32			82	3157	
33			83		
34	3205		84		
35			85		
36			86	3153	
37			87		
38	3201	NC/MR @ 0921	88		
39		WD - 446 Fath	89		
40			90	3149	
41			91		
42	3197		92		
43			93		
44			94	3145	
45			95		
46	3193		96		
47			97		WD - 446 Fath
48			98	3141	NC/MR @ 0938
49			99		SH - 290° TBB - 178°

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CABLE DEPTH	WATER DEPTH	NO. GUNS	GUN PRES.	GUN DEPTH	SHIPS HEAD	TAIL BOUY
1.42 2.N/A 3.44 4.45 5.44 6.43	442 Fath	4	2000 lbs	30'	291°	178°

FILE NO.	SP NO.	REMARKS	FILE NO.	SP NO.	REMARKS
300			250	3289	
01		EOR 902 @ 0845	51		EOR 903 @ 0857
02	3337	SOR 903	52		SOR 904
03			53		
04			54	3285	
05			55		
06	3333		56		
07			57		
08			58	3281	NC/MR @ 0859
09			59		WD - 446 Fath.
10	3329		60		
11			61		
12			62	3277	
13			63		
14	3325		64		
15			65		
16			66	3273	
17			67		
18	3321	NC/MR @0849	68		
19		WD - 445 Fath	69		
20			70	3269	
21			71		
22	3317		72		
23			73		
24			74	3265	
25			75		
26	3313		76		
27			77		
28			78	3261	NC/MR @ 0905
29			79		SH - 291° TBB - 179°
30	3309		80		WD - 446 Fath
31			81		
32			82	3257	
33			83		
34	3305		84		
35			85		
36			86	3253	
37			87		
38	3301	NC/MR @ 0853	88		
39		SH - 289° TBB - 181°	89		
40		WD - 445 Fath	90	3249	
41			91		
42	3297		92		
43			93		
44			94	3245	
45			95		
46	3293		96		
47			97		
48			98	3241	NC/MR @ 0911
49			99	PA-SC	WD - 446 Fath

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CABLE DEPTH	WATER DEPTH	NO. GUNS	GUN PRES.	GUN DEPTH	SHIPS HEAD	TAIL BOUY
1.432 2.NA 3.434 4.45 5.446 6.41	440 Fath	4	2000 165	30'	290°	181°

FILE NO.	SP NO.	REMARKS	FILE NO.	SP NO.	REMARKS
200			250	3389	
01		EOR 900 @ 0819	51		EOR 901 @ 0832
02	3437	SOR 901	52		SOR 902
03			53		
04			54	3385	
05			55		
06	3433		56		
07			57		
08			58	3381	NC/MR @ 0834
09			59		SH-292° TBB-179°
10	3429		60		WD - 443
11			61		
12			62	3377	
13			63		
14	3425		64		
15			65		
16			66	3373	
17			67		
18	3421	NC/MR @ 0824	68		
19		SH-290° TBB-181°	69		
20		WD-438 Fath	70	3369	
21			71		
22	3417		72		
23			73		
24			74	3365	
25			75		
26	3413		76		
27			77		
28			78	3361	NC/MR @ 0839
29			79		WD - 448 Fath
30	3409		80		
31			81		
32			82	3357	
33			83		
34	3405		84		
35			85		
36			86	3353	
37			87		
38	3401	NC/MR @ 0828	88		
39		WD-446 Fath	89		
40			90	3349	
41			91		
42	3397		92		
43			93		
44			94	3345	
45			95		
46	3393		96		
47			97		WD - 442 Fath
48			98	3341	NC/MR @ 0844
49			99		SH-291° TBB-178°

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CABLE DEPTH	WATER DEPTH	NO. GUNS	GUN PRES.	GUN DEPTH	SHIPS HEAD	TAIL BOUY
1.422 2A 3.42 4.45 5.44 6.41	438 Fath	4	2000 lbs	30'	290°	181°

FILE NO.	SP NO.	REMARKS	FILE NO.	SP NO.	REMARKS
100		PA-SC	150	3489	
01		EOR 898 @ 0752	51		EOR 899 @ 8487
02	3537	SOR 899	52		SOR 900
03			53		
04			54	3485	
05			55		
06	3533		56		
07			57		
08			58	3481	NC/MR @ 0808
09			59		WD - 442 Fath.
10	3529		60		
11			61		
12			62	3477	
13			63		
14	3525		64		
15			65		
16			66	3473	
17			67		
18	3521	NC/MR @ 0757	68		
19		WD - 441 Fath	69		
20			70	3469	
21			71		
22	3517		72		
23			73		
24			74	3465	
25			75		
26	3513		76		
27			77		
28			78	3461	NC/MR @ 0813
29			79		SH - 293° TBB - 178°
30	3509		80		WD - 440 Fath
31			81		
32			82	3457	
33			83		
34	3505		84		
35			85		
36			86	3453	
37			87		
38	3501	NC/MR @	88		
39		SH - 292° TBB - 179°	89		
40		WD - 442 Fath	90	3449	
41			91		
42	3497		92		
43			93		
44			94	3445	
45			95		
46	3493		96		
47			97		
48			98	3441	NC/MR @ 0819
49			99		WD - 440 Fath

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CABLE DEPTH	WATER DEPTH	NO. GUNS	GUN PRES.	GUN DEPTH	SHIPS HEAD	TAIL BOUY
1.41 2.NA 3.43 4.45 5.44 6.41	436 Fath	4	2000 lbs	30'	292°	180°

FILE NO.	SP NO.	REMARKS	FILE NO.	SP NO.	REMARKS
~~00~~			50	3589	
01	3638	EOR 896 @ 0724	51		EOR 897 @ 0738
02	3637	SOR 897	52	PA-SC	SOR 898
03			53		
04			54	3585	
05			55		
06	3633		56		
07			57		
08			58	3581	NC/MR @ 0740
09			59		SH - 293° TBB - 178°
10	3629		60		WD - 440 Fath
11			61		
12			62	3577	
13			63		
14	3625		64		
15			65		
16			66	3573	
17			67		
18	3621	NC/MR @ 0729	68		
19		SH - 292° TBB - 180°	69		
20		WD - 436 Fath	70	3569	
21			71		
22	3617		72		
23			73		
24			74	3565	
25			75		
26	3613		76		
27			77		
28			78	3561	NC/MR @ 0745
29			79		WD - 438 Fath
30	3609		80		
31			81		
32			82	3557	
33			83		
34	3605		84		
35			85		
36			86	3553	
37			87		
38	3601	NC/MR @ 0734	88		
39		WD - 436 Fath	89		
40			90	3549	
41			91		
42	3597		92		
43			93		
44			94	3545	
45			95		
46	3593		96		
47			97		WD - 438 Fath
48			98	3541	NC/MR @ 0751
49			99		SH - 290° TBB - 181°

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CABLE DEPTH	WATER DEPTH	NO. GUNS	GUN PRES.	GUN DEPTH	SHIPS HEAD	TAIL BOUY
1.42 2.NA 3.43 4.45 5.44 6.41	435 Fath	4	2000 lbs	30'	297°	177°

FILE NO.	SP NO.	REMARKS	FILE NO.	SP NO.	REMARKS
900		EOR 894 @ 0655	950		EOR 895 @ 0709
01	3737	SOR 895	51		SOR 896
02			52		
03			53	3685	
04			54		
05	3733		55		
06			56		
07			57	3681	NC/MR @ 0711
08			58		WD - 436 Fath
09	3729		59		
10			60		
11			61	3677	
12			62		
13	3725		63		
14			64		
15			65	3673	
16			66		
17	3721	NC/MR @ 0659	67		
18		WD - 438 Fath.	68		
19			69	3669	
20			70		
21	3717		71		
22			72		
23			73	3665	
24			74		
25	3713		75		
26			76		
27			77	3661	NC/MR @ 0716
28			78		SH - 295° TBB - 179°
29	3709		79		WD - 437 Fath
30			80		
31			81	3657	
32			82		
33	3705		83		
34			84		
35			85	3653	
36			86		
37	3701	NC/MR @ 0705	87		
38		SH - 293° TBB - 179°	88		
39		WD - 440 Fath	89	3649	
40			90		
41	3697		91		
42			92		
43			93	3645	
44			94		
45	3693		95		
46			96		
47			97	3641	NC/MR @ 0723
48			98		WD - 434 Fath
49	3689		99		

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CABLE DEPTH	WATER DEPTH	NO. GUNS	GUN PRES.	GUN DEPTH	SHIPS HEAD	TAIL BOUY
142 2/ 3434.45 5.45 641	430 FATH	4	2KPSI	30'	295°	178°

FILE NO.	SP NO.	REMARKS	FILE NO.	SP NO.	REMARKS
800		EOR # 892 @ 0628	850		EOR # 893 @ 0643
01	3837	SOR # 893	51		SOR # 894
02			52		
03			53	3785	
04			54		
05	3833		55		
06			56		
07			57	3781	NC/MR @ 0644
08			58		SH 297° TBB 176
09	3829		59		WD = 430 Fath
10			60		
11			61	3777	
12			62		
13	3825		63		
14			64		
15			65	3773	
16			66		
17	3821	NC/MR @ 0634	67		
18		WD - 430 FATH	68		
19		SH -295° TBB -178°	69	3769	
20			70		
21	3817		71		
22			72		
23			73	3765	
24			74		
25	3813		75		
26			76		
27			77	3761	NC/MR @ 0649
28			78		WD= 435 Fath
29	3809		79		
30			80		
31			81	3757	
32			82		
33	3805		83		
34			84		
35			85	3753	
36			86		
37	3801	NC/MR @ 0640	87		
38		WD= 430 FATH	88		
39			89	3749	
40			90		
41	3797		91		
42			92		
43			93	3745	
44			94		
45	3793		95		
46			96		
47			97	3741	NC/MR @ 0654
48			98		SH - 294° TBB - 177°
49	3789		99		WD = 435 Fath

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CABLE DEPTH	WATER DEPTH	NO. GUNS	GUN PRES.	GUN DEPTH	SHIPS HEAD	TAIL BOUY
1.42 2.43 3.42 4.45 5.44 6.42	425 FATH	4	2KPSI	30'	291°	183°

FILE NO.	SP NO.	REMARKS	FILE NO.	SP NO.	REMARKS
00		EOR #890 @ 0601	50		EOR #891 @ 0614
01	3937	SOR # 891	51		SOR # 892
02			52		
03			53	3885	
04			54		
05	3933		55		
06			56		
07			57	3881	NC/MR @ 0616
08			58		WD = 429 FATH
09	3929		59		
10			60		
11			61	3877	
12			62		
13	3925		63		
14			64		
15			65	3873	
16			66		
17	3921	NC/MR @ 0606	67		
18		WD = 432 FATH	68		
19			69	3869	
20			70		
21	3917		71		
22			72		
23			73	3865	
24			74		
25	3913		75		
26			76		
27			77	3861	NC/MR @
28			78		SH 294° TBR 178°
29	3909		79		WD = 429 FATH
30			80		
31			81	3857	
32			82		
33	3905		83		
34			84		
35			85	3853	
36			86		
37	3901	NC/MR @ 0611	87		
38		SH 293° TBR 180°	88		
39		WD = 431 FATH	89	3849	
40			90		
41	3897		91		
42			92		
43			93	3845	
44			94		
45	3893		95		
46			96		
47			97	3841	NC/MR @ 0628
48			98		WD = 425 FATH
49	3889		99		

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CABLE DEPTH	WATER DEPTH	NO. GUNS	GUN PRES.	GUN DEPTH	SHIPS HEAD	TAIL BOUY
1. 2 / 3. 42 4. 45 5. 44 6. 42	420 FATH	4	2 KPSI	30'	296°	180°

FILE NO.	SP NO.	REMARKS	FILE NO.	SP NO.	REMARKS
00		EOR #888 @ 0533	50	3988	EOR #889 0546
01		SOR #889	51		SOR #890 PASC
02	4037		52		
03			53		
04			54	3984	
05			55		
06	4033		56		
07			57		
08			58	3980	NC/MR @ 0547
09			59		SH - 292° TBB - 181
10	4029		60		WD - 423 FATH.
11			61		
12			62	3976	
13			63		
14	4025		64		
15			65		
16			66	3972	
17			67		
18	4021	NC/MR @ 0538	68		
19		SH 296° TBB 180°	69		
20		WD - 420 FATH	70	3968	
21			71		
22	4017		72		
23			73		
24			74	3964	
25			75		
26	4013		76		
27			77		
28			78	3960	NC/MR @ 0554
29			79		WD - 422 FATH
30	4009		80		
31			81		
32			82	3956	
33			83		
34	4005		84		
35			85	3953	
36			86		
37			87		
38	4001	NC/MR @ 0543	88		
39		WD - 425 FATH	89	3949	
40			90		
41			91		
42	3997		92		
43			93	3945	
44			94		
45	3994		95		
46	3992		96		
47			97	3941	NC/MR @ 0559
48			98		SH - 291° TBB - 185°
49			99		WD - 420 FATH

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CABLE DEPTH	WATER DEPTH	NO. GUNS	GUN PRES.	GUN DEPTH	SHIPS HEAD	TAIL BOUY
1.41 2.41 3.41 4.44 5.44 6.41	425 fath	4	2KPSI	30'	295°	182°

FILE NO.	SP NO.	REMARKS	FILE NO.	SP NO.	REMARKS
00		EOR # 886 @ 0504	50	4089	EOR # 887 @ 0519
01		SOR # 887	51		SOR # 888
02	4137		52		
03			53		
04			54	4085	
05			55		
06	4133		56		
07			57		
08			58	4081	NC/MR @ 0520
09			59		SH 297° TBB 18
10	4129		60		WD= 422 FATH
11			61		
12			62	4077	
13			63		
14	4125		64		
15			65		
16			66	4073	
17			67		
18	4121	NC/MR @ 0508	68		
19		SH 295° TBB= 182°	69		
20		WD= 426 FATH	70	4069	PE/SC
21			71		
22	4117		72		
23			73		
24			74	4065	
25			75		
26	4113		76		
27			77		
28			78	4061	NC/MR @ 0526
29			79		WD= 421 FATH
30	4109		80		
31			81		
32			82	4057	
33			83		
34	4105		84		
35			85		PE/SC
36			86	4053	
37			87		
38	4101	NC/MR @ 0515	88		
39		WD= 422 FATH	89		
40			90	4049	
41			91		
42	4097		92		
43			93		
44			94	4045	
45			95		
46	4093		96		
47			97		
48			98	4041	NC/MR @ 0532
49			99		WD= 420 FATH

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CABLE DEPTH	WATER DEPTH	NO. GUNS	GUN PRES.	GUN DEPTH	SHIPS HEAD	TAIL BOUY
.4 1.2 ND 3.4 3 4.4 5 5.4 5 6.4 1	430 FATH	4	2000 lbs	30'	299°	181°

FILE NO.	SP NO.	REMARKS	FILE NO.	SP NO.	REMARKS
400		EOR 884 @ 0437	450	4189	EOR 885 @ 0450
01		SOR 885	51		SOR 886
02	4237		52		
03			53		
04			54	4185	
05			55		
06	4233		56		
07			57		
08			58	4181	NC/MR @ 0452
09			59		WD - 427 FATH
10	4229		60		SH - 298 TBD - 181
11			61		
12			62	4177	
13			63		
14	4225		64		
15			65		
16			66	4173	
17			67		
18	4221	NC/MR @ 0442	68		
19		SH - 299° TBD 181°	69		
20		WD - 431 FATH	70	4169	
21			71		
22	4217		72		
23			73		
24			74	4165	
25			75		
26	4213		76		
27			77		
28			78	4161	NC/MR @ 0458
29			79		WD - 426 FATH
30	4209		80		
31			81		
32			82	4157	
33			83		
34	4205		84		
35			85		
36			86	4153	
37			87		
38	4201	NC/MR @ 0447	88		
39		WD - 428 FATH	89		
40			90	4149	
41			91		PA/SC
42	4197		92		
43			93		
44			94	4145	
45			95		
46	4193		96		
47			97		
48			98	4141	NC/MR @ 0505
49			99		WD - 425 FATH

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CABLE DEPTH	WATER DEPTH	NO. GUNS	GUN PRES.	GUN DEPTH	SHIPS HEAD	TAIL BOUY
1.41 2.ND 3.43 4.34 5.44 6.41	430 Fath	4	2000 lbs	30'	301°	182°

FILE NO.	SP NO.	REMARKS	FILE NO.	SP NO.	REMARKS
300		EOR 882 @ 0410	350	4289	EOR 883 @ 0424
01		SOR 883	51		SOR 884
02	4337		52		
03			53		
04			54	4285	
05			55		
06	4333		56		
07			57		
08			58	4281	NC/MR @ 0426
09			59		SH - 300° TBB - 182°
10	4329		60		WD - 429 Fath
11			61		
12			62	4277	
13			63		
14	4325		64		
15			65		
16			66	4273	
17			67		
18	4321	NC/MR @ 0415	68		
19		SH - 301 TBB - 182°	69		
20		WD - 430 Fath	70	4269	
21			71		
22	4317		72		
23			73		
24			74	4265	
25			75		
26	4313		76		
27			77		
28			78	4261	NC/MR @ 0431
29			79		WD - 428 Fath
30	4309		80		
31			81		
32			82	4257	
33			83		
34	4305		84		
35			85		
36			86	4253	
37			87		
38	4301	NC/MR @ 0421	88		
39		WD - 429 Fath	89		
40			90	4249	
41			91		
42	4297		92		
43			93		
44			94	4245	
45			95		
46	4293		96		
47			97		
48			98	4241	
49			99		

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CABLE DEPTH	WATER DEPTH	NO. GUNS	GUN PRES.	GUN DEPTH	SHIPS HEAD	TAIL BOUY
1.442 N/A 3.45 4.45 5.45 6.43	431 FATH	4	2000 lbs	30 FT	302°	181°

FILE NO.	SP NO.	REMARKS	FILE NO.	SP NO.	REMARKS
200	4439	E.O.R. 880 @ 0343	250	4389	EOR @ #881 @ 0356
01		S.O.R. 881	51		SOR #882
02	4437		52		
03			53		
04			54	4385	P/SC/OD
05			55		
06	4433		56		
07			57		
08			58	4381	NC/MR @ 0358
09			59		WD = 433 FATH
10	4429		60		
11			61		
12			62	4377	
13			63		
14	4425		64		
15			65		
16			66	4373	
17			67		
18	4421	NC/MR @ 0347	68		
19		WD 431 FATH	69		
20			70	4369	
21			71		
22	4417		72		
23			73		
24			74	4365	
25			75		
26	4413		76		
27			77		
28			78	4361	NC/MR @ 0403
29			79		SH 304° TBB 177°
30	4409		80		WD = 433 FATH
31			81		
32			82	4357	
33			83		
34	4405		84		
35			85		
36			86	4353	
37			87		
38	4401	NC/MR @	88		
39		S.H. 301° T.B.B 180	89		
40		WD - 435 FATH	90	4349	
41			91		
42	4397		92		
43			93		
44			94	4345	
45			95		
46	4393		96		
47			97		
48			98	4341	NC/MR @ 0409
49			99		WD = 433 FATH

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CABLE DEPTH	WATER DEPTH	NO. GUNS	GUN PRES.	GUN DEPTH	SHIPS HEAD	TAIL BOUY
1.44 2.44 3.44 4.45 5.45 6.42	433 FATH	4	2000 LBS	30'	307	176°

FILE NO.	SP NO.	REMARKS	FILE NO.	SP NO.	REMARKS
100	4539	E.O.R. 878 @ 0316	150	4489	E.O.R. 879 @ 0330
01		S.O.R. 879	51		S.O.R. 880
02	4537		52		
03			53		
04			54	4485	
05			55		
06	4533		56		
07			57		
08			58	4481	NC/MR @ 0332
09			59		W.D- 432 FATH
10	4529		60		
11			61		
12			62	4477	
13			63		
14	4525		64		
15			65		
16			66	4473	
17			67		
18	4521	NC/MR @ 0320	68		
19		WD 433 FATH	69		
20			70	4469	
21			71		
22	4517		72		
23			73		
24			74	4465	
25			75		
26	4513		76		
27			77		P.F. SC
28			78	4461	NC/MR @ 0337
29			79		SH- 305 T.B.B 180'
30	4509		80		WD- 432 FATH.
31			81		
32			82	4457	
33			83		
34	4505		84		
35			85		
36			86	4453	
37			87		
38	4501	NC/MR @ 0326	88		
39		SH- 303 T.B.B 179°	89		
40		WD 432 FATH.	90	4449	
41			91		
42	4497		92		
43			93		
44			94	4445	
45			95		
46	4493		96		
47			97		
48			98	4441	NC/MR @ 0342
49			99		WD 431 FATH

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CABLE DEPTH	WATER DEPTH	NO. GUNS	GUN PRES.	GUN DEPTH	SHIPS HEAD	TAIL BOUY
1.43 2 N/A 3.44 4.45 5.44 6.42	436 FATH	4	2000 LBS	30 FT	302°	180°

FILE NO.	SP NO.	REMARKS	FILE NO.	SP NO.	REMARKS
000			050	4589	E.O.R. 877 @ 0302
01		E.O.R. 876 @ 0248	51		S.O.R. 878
02	4637	S.O.R. 877	52		
03			53		
04			54	4585	
05			55		P.E. SC.
06	4633		56		
07			57		
08			58	4581	NC/MR @ 0304
09			59		W.D. - 434 FATH.
10	4629		60		
11			61		
12			62	4577	
13			63		
14	4625		64		
15			65		
16			66	4573	
17			67		
18	4621	NC/MR @ 0253	68		
19		W.D. 435 FATH	69		
20			70	4569	
21			71		
22	4617		72		
23			73		
24			74	4565	
25			75		
26	4613		76		
27			77		
28			78	4561	NC/MR @ 0310
29			79		S.H. 305° T.B.B 177°
30	4609		80		W.D- 434 FATH
31			81		
32		P.E. SC.	82	4557	
33			83		
34	4605		84		
35			85		
36			86	4553	
37			87		
38	4601	NC/MR @ 0259	88		
39		S.H 304 T.B.B. NOT VISABLE	89		
40		W.D 435 FATH.	90	4549	
41			91		
42	4597		92		
43			93		
44			94	4545	
45			95		
46	4593		96		
47			97		
48			98	4541	NC/MR @ 0315
49			99		W.D. - 433 FATH

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CABLE DEPTH	WATER DEPTH	NO. GUNS	GUN PRES.	GUN DEPTH	SHIPS HEAD	TAIL BOUY
.442 NA 3.44 4.45 5.45 6.42	442 FATH	4	2000 185	30 FT	303°	178°

FILE NO.	SP NO.	REMARKS	FILE NO.	SP NO.	REMARKS
900		E.O.R. 874 @ 0219	950	4688	E.O.R 875 @ 0233
01	4737	S.O.R. 875	51		S.O.R 876
02			52		
03			53	4685	
04			54		
05	4733		55		
06			56		
07			57	4681	NC/MR @ 0235
08			58		WD- 438 FATH.
09	4729		59		
10			60		
11			61	4677	
12			62		
13	4725		63		
14			64		
15			65	4673	
16			66		
17	4721	NC/MR @ 0224	67		
18		W.D - 440 FATH	68		
19			69	4669	
20			70		
21	4717		71		
22			72		
23			73	4665	
24			74		
25	4713		75		
26			76		
27			77	4661	NC/MR @ 0241
28			78		S.H. 301° T.B.B. 181°
29	4709		79		WD 437 FATH.
30			80		
31			81	4657	
32			82		
33	4705		83		
34			84		
35			85	4653	
36			86		
37	4701	NC/MR @ 0229	87		
38		S.H. 303° T.B.B. 178°	88		
39		WD - 439 FATH.	89	4649	
40			90		
41	4697		91		
42			92		
43			93	4645	
44			94		
45	4693		95		
46			96		
47			97	4641	NC/MR 0247
48			98		WD 436 FATH.
49	4689		99		

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CABLE DEPTH	WATER DEPTH	NO. GUNS	GUN PRES.	GUN DEPTH	SHIPS HEAD	TAIL BOUY
43 2.44 3.44 4.45 5.45 6.42	446 FATH.	4	2000 lbs	30'	301°	179°

FILE NO.	SP NO.	REMARKS	FILE NO.	SP NO.	REMARKS
800		E.O.R. 872 @ 0150	850	4788	E.O.R. 873 @ 0204
01	4837	S.O.R. 873	51		S.O.R. 874
02			52		
03			53	4785	
04			54		
05	4833		55		
06			56		
07			57	4781	NC/MR @ 0205
08			58		WD- 444 FATH
09	4829		59		
10			60		
11			61	4777	
12			62		
13	4825		63		
14			64		
15			65	4773	
16			66		
17	4821	NC/MR @ 0154	67		
18		WD- 445 FATH	68		
19			69	4769	
20			70		
21	4817		71		
22			72		
23			73	4765	
24			74		
25	4813		75		
26			76		
27			77	4761	NC/MR @ 0212
28			78		S.H. 302° T.B.B. 178°
29	4809		79		WD- 443 FATH
30			80		
31			81	4757	
32			82		
33	4805		83		
34			84		
35			85	4753	
36			86		
37	4801	NC/MR @ 0200	87		
38		S.H. 301° T.B.B. 178°	88		
39		WD- 445 FATH.	89	4749	
40			90		
41	4797		91		
42			92		
43			93	4745	
44			94		
45	4793		95		
46			96		
47			97	4741	NC/MR @ 0217
48			98		WD 443 FATH
49	4789		99		

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CABLE DEPTH	WATER DEPTH	NO. GUNS	GUN PRES.	GUN DEPTH	SHIPS HEAD	TAIL BOUY
.43 2.N/A 3.45 4.45 5.44 6.42	448 FATH	4	2000	30 FT	303°	176°

FILE NO.	SP NO.	REMARKS	FILE NO.	SP NO.	REMARKS
100		E.O.R. 870 @ 0119	750	4888	E.O.R. 871 @ 0134
01	4937	S.O.R 872	51		S.O.R. 872
02			52		
03			53	4885	
04			54		
05	4933		55		
06			56		
07			57	4881	NC/mR @ 0135
08			58		WD 447 FATH
09	4929		59		
10			60		
11			61	4877	
12			62		
13	4925		63		
14			64		
15			65	4873	
16		P.E. SC.	66		
17	4921	NC/mR @ 0123	67		
18		WD 448 FATH.	68		
19			69	4869	
20			70		
21	4917		71		
22			72		
23			73	4865	
24			74		
25	4913		75		
26			76		
27			77	4861	NC/mR @ 0142
28			78		S.H. 301° T.B.B. 179°
29	4909		79		WD- 446 FATH
30			80		
31			81	4857	
32			82		
33	4905		83		
34			84		
35			85	4853	
36			86		
37	4901	NC/mR @ 0129	87		
38		S.H. 302° T.B.B. 179°	88		
39		WD - 448 FATH.	89	4849	
40			90		
41	4897		91		
42			92		
43			93	4845	
44			94		
45	4893		95		
46			96		
47			97	4841	NC/mR @ 0148
48			98		WD - 446 FATH
49	4889		99		

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CABLE DEPTH	WATER DEPTH	NO. GUNS	GUN PRES.	GUN DEPTH	SHIPS HEAD	TAIL BOUY
432 N/A 3.44 4.45 5.45 6.43	451 FATH	4	2000 lbs	30'	300°	180°

FILE NO.	SP NO.	REMARKS	FILE NO.	SP NO.	REMARKS
00		E.O.R. 868 @ 0050	50	4988	E.O.R. 869 @ 0105
01	5037	S.O.R 869	51		S.O.R. 870 P.E.
02			52		
03			53	4985	
04			54		
05	5033		55		
06			56		
07			57	4981	NC/mR @ 0106
08			58		WD- 450 FATH.
09	5029		59		
10			60		
11			61	4977	
12			62		
13	5025		63		
14			64		
15			65	4973	
16			66		
17	5021	NC/mR @ 0054	67		
18		WD - 450 FATH.	68		
19			69	4969	
20			70		
21	5017		71		
22			72		P.E.
23			73	4965	
24			74		
25	5013		75		
26			76		
27			77	4961	NC/mR @ 0112
28			78		S.H. 300° T.B.B. 179°
29	5009		79		WD - 449 FATH
30			80		
31			81	4957	
32			82		
33	5005		83		
34			84		
35			85	4953	
36			86		
37	5001	NC/mR @ 0100	87		
38		S.H- 300° T.B.B. 180°	88		
39		WD- 450 FATH.	89	4949	
40			90		
41	4997		91		
42			92		
43			93	4945	
44			94		
45	4993		95		
46			96		
47			97	4941	NC/mR @ 0117
48			98		
49	4989		99		WD 448 FATH

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CABLE DEPTH	WATER DEPTH	NO. GUNS	GUN PRES.	GUN DEPTH	SHIPS HEAD	TAIL BOUY
432 NIA 3. 434 4. 455 5. 456 6. 42	455 FATH	4	2000 lbs	30 FT.	299°	178°

LE NO.	SP NO.	REMARKS	FILE NO.	SP NO.	REMARKS
00		E.O.R. 866 @ 0021	50	5088	E.O.R. 867 @ 0036
01	5137	S.O.R. 867	51		S.O.R 868
02			52		
03			53	5085	
04			54		
05	5133		55		
06			56		
07			57	5081	NC/MR @ 0037
08			58		WD- 452 FATH
09	5129		59		
10			60		
11			61	5077	
12			62		
13	5125		63		
14			64		
15			65	5073	
16			66		
17	5121	NC/MR @ 0026	67		
18		WD 454 FATH	68		
19			69	5069	
20			70		
21	5117		71		
22			72		
23			73	5065	
24			74		
25	5113		75		
26			76		
27			77	5061	NC/MR @ 0043
28			78		SH. 300 T.B.B. 180°
29	5109		79		WD - 452 FATH.
30			80		
31			81	5057	
32			82		
33	5105		83		
34			84		
35			85	5053	
36			86		
37	5101	NC/MR @ 0031	87		
38		S.H. 301° T.B.B. 178°	88		
39		WD- 453 FATH.	89	5049	
40			90		
41	5097		91		
42			92		
43			93	5045	
44			94		
45	5093		95		
46			96		
47			97	5041	NC/MR @ 0049
48			98		WD. 451 FATH
49	5089		99		

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CABLE DEPTH	WATER DEPTH	NO. GUNS	GUN PRES.	GUN DEPTH	SHIPS HEAD	TAIL BOUY
1.43 2 N/A 3.4 4.4 4.45 5.45 6.41	460 FATH.	4	2000 LBS	30 FT.	303°	179°

FILE NO.	SP NO.	REMARKS	FILE NO.	SP NO.	REMARKS
400		E.O.R. 864 @ 2354	450	5188	E.O.R. 865 @ 0008
01	5237	S.O.R. 865	51		S.O.R. 866
02			52		
03			53	5185	
04			54		
05	5233		55		
06			56		
07			57	5181	NC/MR @ 0009
08			58		WD 456 FATH
09	5229		59		
10			60		
11			61	5177	
12			62		
13	5225		63		
14			64		
15			65	5173	
16			66		
17	5221	NC/MR @ 2358	67		
18		WD 458 FATH.	68		
19			69	5169	
20			70		
21	5217		71		
22			72		
23	5215	MIDNIGHT SHOT	73	5165	
24			74		
25	5213		75		
26			76		
27			77	5161	NC/MR @ 0014
28			78		SH. 303° T.B.B 178°
29	5209		79		WD 455 FATH
30			80		
31			81	5157	
32			82		
33	5205		83		
34			84		
35			85	5153	
36			86		
37	5201	NC/MR @ 0004	87		
38		SH. 303° T.B.B 178°	88		
39		WD. 456 FATH.	89	5149	
40			90		
41	5197		91		
42			92		
43			93	5145	
44			94		
45	5193		95		
46			96		
47			97	5141	NC/MR @ 0020
48			98		WD 455 FATH
49	5189		99		

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CABLE DEPTH	WATER DEPTH	NO. GUNS	GUN PRES.	GUN DEPTH	SHIPS HEAD	TAIL BOUY
.43 2.N/A 3.45 4.45 5.45 6.42	466 FATH	4	2000 lbs	30 FT.	301°	180°

FILE NO.	SP NO.	REMARKS	FILE NO.	SP NO.	REMARKS
300		E.O.R. 862 @ 2325	350	5288	E.O.R. 863 @ 2339
01	5337	S.O.R 863 P.E.	51		S.O.R 864
02			52		
03			53	5285	
04			54		P.E.
05	5333		55		
06			56		
07			57	5281	NC/mR @ 2341
08			58		WD 461 FATH.
09	5329		59		
10			60		
11			61	5277	
12			62		
13	5325		63		
14			64		
15			65	5273	
16			66		
17	5321	NC/mR @ 2329	67		
18		WD 464 FATH.	68		
19			69	5269	
20			70		
21	5317		71		
22			72		
23			73	5265	
24			74		
25	5313		75		
26			76		
27			77	5261	NC/mR @ 2347
28			78		S.H. 301° T.B.B. 178°
29	5309		79		WD. 460 FATH.
30			80		
31			81	5257	
32			82		
33	5305		83		
34			84		
35			85	5253	
36			86		
37	5301	NC/mR @ 2335	87		
38		S.H. 301° T.B.B 180°	88		
39		WD 463 FATH.	89	5249	
40			90		
41	5297		91		
42			92		
43			93	5245	
44			94		
45	5293		95		
46			96		
47			97	5241	NC/mR @ 2352
48			98		WD 460 FATH
49	5289		99		

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CABLE DEPTH	WATER DEPTH	NO. GUNS	GUN PRES.	GUN DEPTH	SHIPS HEAD	TAIL BOUY
1.43 2.NA 3.45 4.45 5.44 6.41	468 FATH	4	2000 LBS	30 FT.	298°	176°

FILE NO.	SP NO.	REMARKS	FILE NO.	SP NO.	REMARKS
200		E.O.R. 860 @ 2256	250	5388	E.O.R. 861 @ 2310
01	5437	S.O.R. 861	51		S.O.R 862
02			52		
03			53	5385	
04			54		
05	5433		55		
06			56		
07			57	5381	NC/MR @ 2312
08			58		WD- 466 FATH.
09	5429		59		
10			60		
11			61	5377	
12			62		
13	5425		63		
14			64		
15			65	5373	
16			66		
17	5421	NC/MR @ 2300	67		
18		WD 468 FATH.	68		
19			69	5369	
20			70		
21	5417		71		
22			72		
23			73	5365	
24			74		
25	5413		75		
26			76		
27			77	5361	NC/MR @ 2317
28			78		S.H. 300° T.B.B. 179°
29	5409		79		WD- 466 FATH.
30			80		
31			81	5357	
32			82		
33	5405		83		
34			84		
35			85	5353	
36			86		
37	5401	NC/MR @ 2306	87		
38		S.H. 301° T.B.B. 176°	88		
39		WD- 463	89	5349	
40			90		P.E.
41	5397		91		
42			92		
43			93	5345	
44			94		
45	5393		95		
46			96		
47			97	5341	NC/MR @ 2324
48			98		WD 466 FATH
49	5389		99		

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CABLE DEPTH	WATER DEPTH	NO. GUNS	GUN PRES.	GUN DEPTH	SHIPS HEAD	TAIL BOUY
1.442 N/A 3.444.45 5.44 6.41	475 FATH	4	2000 LBS	30 FT	299°	176°

FILE NO.	SP NO.	REMARKS	FILE NO.	SP NO.	REMARKS
100	5538	E.O.R 858 @ 2227	150	5488	E.O.R. 859 @ 2242
01	5537	E.O.R 859	51		S.O.R. 860
02			52		
03			53	5485	
04			54		
05	5533		55		
06			56		
07			57	5481	NC/mR @ 2244
08			58		W.D. 470 FATH.
09	5529		59		
10			60		
11			61	5477	
12			62		
13	5525		63		
14			64		
15			65	5473	
16			66		
17	5521	NC/mR @ 2232	67		
18		WD 473 FATH.	68		
19			69	5469	P.E.
20			70		
21	5517		71		
22			72		
23			73	5465	
24			74		
25	5513		75		
26			76		
27			77	5461	N/e mR @ 2249
28			78		S.H. 301° T.B.B 176°
29	5509		79		WD 469 FATH
30			80		
31			81	5457	
32			82		
33	5505		83		
34			84		
35			85	5453	
36			86		
37	5501	NC/mR @ 2238	87		
38		SH. 302° T.B.B. 175°	88		
39		WD 472 FATH.	89	5449	
40			90		
41	5497		91		
42			92		
43			93	5445	
44			94		
45	5493		95		
46			96		
47			97	5441	NC/mR @ 2255
48			98		W.D 468 FATH
49	5489		99		

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CABLE DEPTH	WATER DEPTH	NO. GUNS	GUN PRES.	GUN DEPTH	SHIPS HEAD	TAIL BOUY
1.442 NA 3.45 4.45 5.44 6.41	487 FATH	4	2000 LBS	30 FT.	298°	176°

FILE NO.	SP NO.	REMARKS	FILE NO.	SP NO.	REMARKS
00			050	5588	E.O.R 857 @ 2213
01	5637	E.O.R. 856 @ 2157	51		S.O.R 858
02		S.O.R. 857	52		
03			53	5585	
04			54		
05	5633		55		
06			56		
07			57	5581	NC/MR @ 2214
08			58		SH 298° T.B.B 177°
09	5629		59		WD 476 FATH
10			60		
11			61	5577	
12			62		
13	5625		63		
14			64		
15			65	5573	
16			66		
17	5621	NC/MR @ 2201	67		
18		S.H 298° T.B.B 176°	68		
19		WD 472 FATH.	69	5569	
20			70		
21	5617		71		
22			72		
23			73	5565	
24			74		
25	5613		75		
26			76		
27			77	5561	NC/MR @ 2220
28			78		WD - 477 FATH
29	5609		79		
30			80		
31			81	5557	
32			82		
33	5605		83		
34			84		
35			85	5553	
36			86		
37	5601	NC/MR @ 2208	87		
38		WD 470 FATH	88		
39			89	5549	
40			90		
41	5597		91		
42			92		
43			93	5545	
44			94		
45	5593		95		
46			96		
47			97	5541	NC/MR @ 2226
48			98		SH 299 T.B.B 176°
49	5589		99		

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CABLE DEPTH	WATER DEPTH	NO. GUNS	GUN PRES.	GUN DEPTH	SHIPS HEAD	TAIL BOUY
1.43 2.NA 3.44 4.45 5.44 6.37	485 Fath	4	2000 lbs	30'	292°	177°

FILE NO.	SP NO.	REMARKS	FILE NO.	SP NO.	REMARKS
900	5737	EOR 854 @ 2127	950	5687	EOR 855 @ 2142
01		SOR 855	51		SOR 856
02			52	5685	
03			53		
04	5733		54		
05			55		
06			56	5681	NC/MR @ 2144
07			57		SH - 294° TBB - 176°
08	5729		58		WD - 492 Fath
09			59		
10			60	5677	
11			61		
12	5725		62		
13			63		
14			64	5673	
15			65		
16	5721	NC/MR @	66		
17		SH 292° TBO-177	67		
18		WD- 485 Fath	68	5669	
19			69		
20	5717		70		
21			71		
22			72	5665	
23			73		
24	5713		74		
25			75		
26			76	5661	NC/MR @ 2150
27			77		WD- 493 Fath
28	5709		78		
29			79		
30			80	5657	
31			81		
32	5705		82		
33			83		
34			84	5653	
35			85		
36	5701	NC/MR @ 2138	86		
37		WD- 484 Fath	87		
38			88	5649	
39			89		
40	5697		90		
41			91		
42			92	5645	
43			93		
44	5693		94		
45			95		
46			96	3641	NC/MR @ 2155
47			97		SH-298° TBB-176°
48	5689		98		WD- 488 FATH
49			99		

LINE NO. TD-STU DIR. 293 DEG. PARTY NO. 705 DATE 267 PAGE 09 8077A

CABLE DEPTH	WATER DEPTH	NO. GUNS	GUN PRES.	GUN DEPTH	SHIPS HEAD	TAIL BOUY
1.44 2.NA 3.45 4.45 5.44 6.38	492 FATH	4	2000 lbs	30'	294	178°

FILE NO.	SP NO.	REMARKS	FILE NO.	SP NO.	REMARKS
800	5837	EOR 852 @ 2056	850		EOR 853 @ 2111
01		SOR 853	51		SOR 854
02			52	5785	
03			53		
04	5833		54		
05			55		
06			56	5781	NC/MR @ 2113
07			57		WD - 488 Fath
08	5829		58		
09			59		
10			60	5777	
11			61		
12	5825		62		
13			63		
14			64	5773	
15			65		
16	5821	NC/MR @ 2161	66		
17		WD - 490 Fath	67		
18			68	5769	
19			69		
20	5817		70		
21			71		
22			72	5765	
23			73		
24	5813		74		
25			75		
26			76	5761	NC/MR @ 2119
27			77		SH - 293° TBB - 178°
28	5809		78		WD - 487 Fath
29			79		
30			80	5757	
31			81		
32	5805		82		
33			83		
34			84	5753	
35			85		
36	5801	NC/MR @ 2107	86		
37		SH - 292° TBB - 181°	87		
38		WD - 489 Fath	88	5749	
39			89		
40	5797		90		
41			91		
42			92	5745	
43			93		
44	5793		94		
45			95		
46			96	5741	NC/MR @ 2125
47			97		WD - 486 Fath
48	5789		98		
49			99		

LINE NO: TO-5 TU DIR. 293 DEG. PARTY NO. 705 DATE 267 PAGE 08 8077A

CABLE DEPTH	WATER DEPTH	NO. GUNS	GUN PRES.	GUN DEPTH	SHIPS HEAD	TAIL BOUY
1.45 2.NA 3.43 4.44 5.44 6.37	495 Fath	4	2000 lbs	30'	292°	178°

FILE NO.	SP NO.	REMARKS	FILE NO.	SP NO.	REMARKS
700	5937	EOR 850 @ 2026	750	5837	SOR 852 @ 2042
01		SOR 851	51	5886	~~SOR 852~~
02			52	~~5884~~	
03			53	5884	
04	5933		54	5883	
05			55		
06			56	5881	NC/MR @ 2043
07			57		SH - 292° TBB - 178°
08	5929		58		WD - 496 Fath
09			59		
10			60	5877	
11			61		
12	5925		62		
13			63		
14			64	5873	
15			65		
16	5921	NC/MR @ 2031	66		
17		SH - 292° TBB - 178°	67		
18		WD - 495 Fath	68	5869	
19			69		
20	5917		70		
21			71		
22			72	5865	
23			73		
24	5913		74		
25			75		
26			76	5861	NC/MR @ 2049
27			77		WD - 493 Fath
28	5909		78		
29			79		
30			80	5857	
31			81		
32	5905		82		
33			83		
34			84	5853	
35			85		
36	5901	NC/MR @ 2036	86		
37		WD - 497 Fath.	87		
38			88	5849	
39			89		
40	5897		90		
41			91		
42			92	5845	
43			93		
44	5893		94		
45			95		
46			96	5841	NC/MR @ 2055
47			97		SH - 294 TBB - 178
48	5889		98		WD - 492 Fath
49	5885	EOR 851	99		

LINE NO. TP-5TU DIR. 293 DEG. PARTY NO. 705 DATE 267 PAGE 07 8077A

CABLE DEPTH	WATER DEPTH	NO. GUNS	GUN PRES.	GUN DEPTH	SHIPS HEAD	TAIL BOUY
.4 2.NP 3.4 4.4 5.4 6.3	507 Fath	4	2000 lbs	30	2930	176°

FILE NO.	SP NO.	REMARKS	FILE NO.	SP NO.	REMARKS
600	6037	EOR 848 @ 1957	650		EOR 849 @ 2011
01		SOR 849	51		SOR 850
02			52	5985	
03			53	5984	
04	6033		54		
05			55		
06			56	5981	NC/MR @ 2012
07			57		WD - 503 Fath
08	6029		58		
09			59		
10			60	5977	
11			61		
12	6025		62		
13			63		
14			64	5973	
15			65		
16	6021	NC/MR @ 2001	66		
17		WD - 506 Fath	67		
18			68	5969	
19			69		
20	6017		70		
21			71		
22			72	5965	
23			73		
24	6013		74		
25			75		
26			76	5961	NC/MR @ 2018
27			77		SH - 292° TBB - 178°
28	6009		78		WD - 503 Fath
29			79		
30			80	5957	
31			81		
32	6005		82		
33			83		
34			84	5953	
35			85		
36	6001	NC/MR @ 2006	86		
37		SH - 294° TBB - 176°	87		
38		WD - 505 Fath	88	5949	
39			89		
40	5997		90		
41			91		
42			92	5945	
43			93		
44	5993		94		
45			95		
46			96	5941	NC/MR @ 2024
47			97		WD - 499 Fath
48	5989		98		
49			99		

LINE NO. TD-5 TO DIR. 293 DEG. PARTY NO. 705 DATE 267 PAGE 06 8077A

CABLE DEPTH	WATER DEPTH	NO. GUNS	GUN PRES.	GUN DEPTH	SHIPS HEAD	TAIL BOUY
1. 4 2. NA 3. 4 4. 45 5. 45 6. 36	518 Fath	4	2000 lbs	30'	292°	180°

FILE NO.	SP NO.	REMARKS	FILE NO.	SP NO.	REMARKS
500	6137	EOR 846 @ 1928	550		EOR 847 @ 1942
01		SOR 847	51		SOR 848
02			52	6085	
03			53		
04	6133		54		
05			55		
06			56	6081	NC/MR @ 1944
07			57		SH - 290° TBB - 181°
08	6129		58		WD - 508 Fath
09			59		
10			60	6077	
11			61		
12	6125		62		
13			63		
14			64	6073	
15			65		
16	6121	NC/MR @ 1932	66		
17		SH - 292° TBB - 180°	67		
18		WD - 518 Fath	68	6069	
19			69		
20	6117		70		
21			71		
22			72	6065	
23			73		
24	6113		74		
25			75		
26			76	6061	NC/MR @ 1949
27			77		WD - 510 Fath
28	6109		78		
29			79		
30			80	6057	
31			81		
32	6105		82		
33			83		
34			84	6053	
35			85		
36	6101	NC/MR @ 1938	86		
37		WD - 513 Fath	87		
38			88	6049	
39			89		
40	6097		90		
41			91		
42			92	6045	
43			93		
44	6093		94		
45			95		
46			96	6041	NC/MR @ 1955
47			97		SH - 293 TBB - 176°
48	6089		98		WD - 507 Fath
49			99		

LINE NO. TD-5TU DIR. 293 DEG. PARTY NO. 705 DATE 267 PAGE 05 8077A

CABLE DEPTH	WATER DEPTH	NO. GUNS	GUN PRES.	GUN DEPTH	SHIPS HEAD	TAIL BOUY
1.44 2.NA 3.34 4.35 5.42 6.36	528 Fath	4	2000 lbs	30'	294°	176°

FILE NO.	SP NO.	REMARKS	FILE NO.	SP NO.	REMARKS
400		EOR 844 @ 1859	450		EOR 845 @ 1914
01		SOR 845	51	6186	SOR 846
02	6235		52	6185	
03			53	~~6185~~	
04			54		
05			55		
06	6231		56	6181	
07			57	~~6181~~	NC/MR @ 1915
08			58		WD- 513 Fath.
09			59		
10	6227		60	6177	
11			61		
12			62		
13			63		
14	6223		64	6173	
15			65		
16	6221		66		
17	~~6221~~	NC/MR @ 1903	67		
18		WD- 525 Fath	68	6169	
19			69		
20	6217		70		
21	~~6217~~		71		
22			72	6165	
23			73		
24	6213		74		
25	~~6213~~		75		
26			76	6161	NC/MR @ 1921
27			77		SH - 292° TBB-178°
28	6209		78		WD- 518 Fath.
29	~~6209~~		79		
30			80	6157	
31			81		
32	6205		82		
33	~~6205~~		83		
34			84	6153	
35			85		
36	6201		86		
37	~~6201~~	NC/MR @ 1909	87		
38		SH - 292° TBB - 176°	88	6149	
39		WD-	89		
40	6197		90		
41	~~6197~~		91		
42			92	6145	
43			93		
44	6193		94		
45	~~6193~~		95		
46			96	6141	NC/MR @ 1927
47			97		WD- 518 Fath
48	6189		98		
49			99		

LINE NO. JD-57U DIR. 293 DEG. PARTY NO. 205 DATE 267 PAGE 04 8077A

CABLE DEPTH	WATER DEPTH	NO. GUNS	GUN PRES.	GUN DEPTH	SHIPS HEAD	TAIL BOUY
442 1 344 445 543 636	536 FATH	4	2KPSI	30'	295°	180°

FILE NO.	SP NO.	REMARKS	FILE NO.	SP NO.	REMARKS
300		EOR #842 @ 1830	50	6287	EOR #843 @ 1845
01		SOR 843 @	51		SOR # 844
02	6335		52		
03			53		
04			54	6283	
05			55		
06	6331		56		NC/MR @ 1847
07			57		SH 294° TBB 179°
08			58	6279	WD = 532 FATH
09			59		
10	6327		60		
11			61		
12			62	6275	
13			63		
14	6323		64		
15			65		
16		NC/MR @ 1334	66	6271	
17		SH 295° TBB 180°	67		
18	6319	WD = 536 FATH	68		
19			69		
20			70	6267	
21			71		
22	6315		72		
23			73		
24			74	6263	
25			75		
26	6311		76		NC/MR @ 1852
27			77		WD = 530 FATH
28			78	6259	
29			79		
30	6307		80		
31			81		
32			82	6255	
33			83		
34	6303		84		
35			85		
36		NC/MR @ 1840	86	6251	
37		WD = 534 FATH	87		
38	6299		88		
39			89		
40			90	6247	
41			91		
42	6295		92		
43			93		
44			94	6243	
45			95		
46	6291		96		NC/MR @ 1857
47			97		SH 294 TBB 176
48			98	6239	WD = 528 FATH
49			99		

LINE NO. TD-5 TU DIR. 293 DEG. PARTY NO. 105 DATE 267 PAGE 03 8077A

CABLE DEPTH	WATER DEPTH	NO. GUNS	GUN PRES.	GUN DEPTH	SHIPS HEAD	TAIL BOUY
442 / 343 4.45 544 638	550 FATH	4	2KPSI	30'	247°	178°

FILE NO.	SP NO.	REMARKS	FILE NO.	SP NO.	REMARKS
200	6431	EOR #846 @ 1801	250	6387	EOR # 841 @ 1816
01		SOR 841	51	6386	SOR # 842
02			52		
03			53		
04	6433		54	6383	
05			55		
06			56		NC/MR @ 1817
07			57		WD = 540 FATH
08	6429		58	6379	
09			59		
10			60		
11			61		
12	6425		62	6375	
13			63		
14			64		
15			65		
16	6421	NC/MR @ 1806	66	6371	
17		WD = 550 FATH	67		
18			68		
19			69		
20	6417		70	6367	
21			71		
22			72		
23			73		
24	6413		74	6363	
25			75		
26			76		NC/MR @ 1823
27			77		SH 295° TBB 181°
28	6409		78	6359	WD = 538 FATH
29			79		
30			80		
31			81		
32	6405		82	6355	
33			83		
34			84		RS/SC
35			85		
36	6401	NC/MR @	86	6351	
37		SH 294° TBB 182°	87		
38		WD = 545 FATH	88		
39			89		
40	6397		90	6347	
41			91		
42			92		
43			93		
44	6393		94	6343	
45			95		
46			96		NC/MR @ 1829
47			97		WD =
48	6389		98	6339	
49			99		

LINE NO. TD-STU DIR. 293 DEG. PARTY NO. 205 DATE 267 PAGE 02 8077A

CABLE DEPTH	WATER DEPTH	NO. GUNS	GUN PRES.	GUN DEPTH	SHIPS HEAD	TAIL BOUY
14 2.1 3.14 4.15 5.44 6.41	570 FATH	4	2KPSI	30'	297°	178°

FILE NO.	SP NO.	REMARKS	FILE NO.	SP NO.	REMARKS
100	6537	EOR # 838 @ 1731	150	6487	EOR # 839 @ 1746
01		SOR # 839	51	6486	SOR # 840 PE
02			52	6485	
03			53		
04	6533		54		
05			55		
06			56	6481	NC/MP @ 1747
07			57		SH 298° TBB 179°
08	6529		58		WD = 556 FATH
09			59		
10			60	6477	
11			61		
12	6525		62		
13			63		
14			64	6473	
15			65		
16	6521	NC/MP @ 1735	66		
17		SH 298° TBB 179°	67		
18		WD = 566 FATH	68	6469	
19			69		
20	6517		70		
21			71		
22			72	6465	
23			73		
24	6513		74		
25			75		
26			76	6461	NC/MP @ 1754
27			77		WD = 553 FATH
28	6509		78		
29			79		
30			80	6457	
31			81		
32	6505		82		
33			83		
34			84	6453	
35			85		
36	6501	NC/MP @ 1741	86		
37		WD - 560 FATH	87		
38			88	6449	
39			89		
40	6497		90		
41			91		
42			92	6445	
43			93		
44	6493		94		
45			95		
46			96	6441	NC/MP @ 1800
47			97		SH 297° TBB 178°
48	6489		98		WD = 553 FATH
49			99		

LINE NO. ID-STU DIR. ___ DEG. PARTY NO. 705 DATE 267 PAGE 01 8077A

CABLE DEPTH	WATER DEPTH	NO. GUNS	GUN PRES.	GUN DEPTH	SHIPS HEAD	TAIL BOUY
1432.1 3444.455.456 41	1388 FATH	4	2KPSI	50'	297°	180°

FILE NO.	SP NO.	REMARKS	FILE NO.	SP NO.	REMARKS
00		SOL @ 1700 GMT	50	6589	EOR # 837 @ 1715
001	6636	SOR # 837	51		SOR # 838
02		WD = 588 FATH	52		
03			53		
04			54	6585	
05	6632		55		
06	6631		56	6581	NC/MR @ 1718
07			57		
08			58		
09			59		
10	6627		60	6577	
11			61		
12			62		
13			63		
14	6623		64	6573	
15			65		
16		NC/MR @ 1704	66		
17		WD = 588 FATH	67		
18	6619		68	6569	
19			69		
20			70		
21			71		
22	6615		72	6565	
23			73		
24			74		
25			75		
26	6611		76	6561	NC/MR @ 1723
27			77		SH 298° TBR 178°
28			78		WD = 571 FATH
29			79		
30	6607		80	6557	
31			81		
32			82		
33			83		
34	6603		84	6553	
35			85		
36		NC/MR @ 6601	86		
37		SH = 300° WD =	87		
38	6599	TBR ~ 179°	88	6549	
39			89		
40			90		
41			91		
42	6595		92	6545	
43			93		
44			94		
45			95		
46	~~6589~~ 6591		96	6541	NC/MR @ 1730
47			97		WD - 570 FATH
48			98		
49			99		

U. S. G. S. CONTRACT
14-08-0001-16209 8077

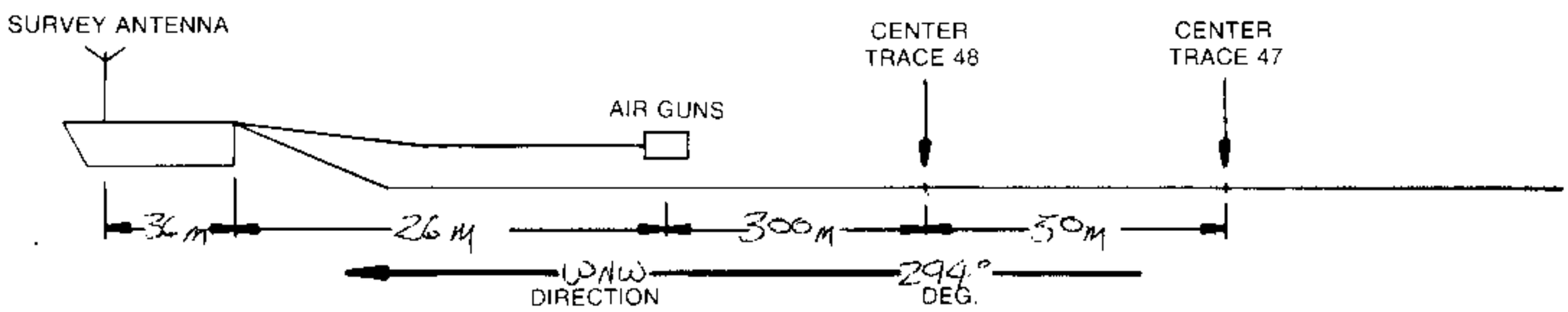
TELEDYNE EXPLORATION

OBSERVER'S DAILY REPORT

PARTY NO. 705 **SYSTEM TYPE** DFS IV **DATE** 268

CLIENT USGS
LINE NO. TD-5TU DIR. 293 DEG.
PROSPECT E Coast South
LOCATION OFFSHORE USA
SAMPLE RATE 2 MS. BPI 1600
RECORD LENGTH 12 SEC.

PRIME NAVIGATION LORAN C
CABLE TYPE TEC
TRACE INT 48-25 = 50m / 24-1 = 100m
SHOT INT. 50M
WEATHER B-2
OBSERVER POSTEN



RECORD										REPRODUCE							
INPUT GAIN (500 OHM IMP)			FILTERS		MAN / IFP	FILTERS		TRIP SENSE	INITIAL GAIN	MODE							
			LO/SLOPE	HI		LO	HI										
36+6			8/18	124	IFP	OUT	AUTO	24	24	AGC							
DECK NO.	REEL NO.	CONSTANTS			FILE NO.		SP NO.		TIME								
		DAY NO.	LINE NO.	DIR. DEG.	FROM	TO	FROM	TO	START	FINISH							
1	949	268-0005-00-294			570	619	1093	1044	2013	2026							
2	950				620	669	1043	994	2026	2040							
1	951				670	697	993	966	2040	2049							
		— End of This Leg of Line —															

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G. S. CONTRACT
14-08-0001-16209

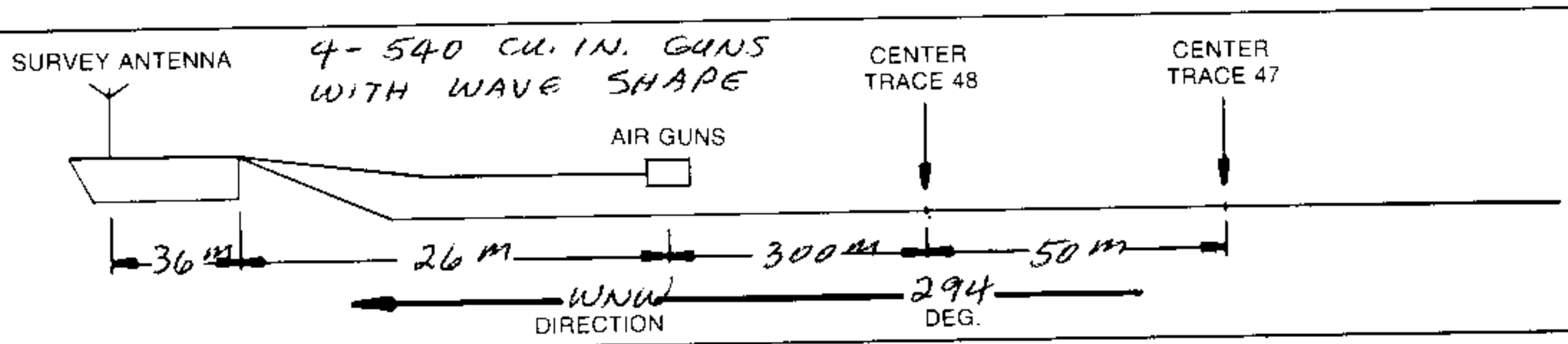
TELEDYNE EXPLORATION

OBSERVER'S DAILY REPORT

ARTY NO. 705 SYSTEM TYPE DFS IV DATE 267

CLIENT USGS
LINE NO. TD-5-TU DIR. 294 DEG.
PROSPECT SOUTH AREA
LOCATION EAST COAST USA
SAMPLE RATE 2 MS. BPI 1600
RECORD LENGTH 12 SEC.

PRIME NAVIGATION SATNAV/LORAN-C
CABLE TYPE TEC 48 TRACE
TRACE INT 48-25=50 m/24-1=100 m
SHOT INT. 50 m
WEATHER B-3
OBSERVER POSTEN/WOODWARD



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	24	24	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	837	267-0005-00-294			001	050	6636	6587	1700	1715					
2	838				051	100	6586	6537	1715	1731					
1	839				101	150	6536	6487	1731	1746					
2	840				151	200	6486	6437	1746	1801					
1	841				201	250	6436	6387	1801	1816					
2	842				251	300	6386	6337	1816	1830					
1	843				301	350	6336	6287	1830	1845					
2	844				351	400	6286	6237	1845	1859					
1	845				401	450	6236	6187	1859	1914					
2	846				451	500	6186	6137	1914	1928					
1	847				501	550	6136	6087	1928	1942					
2	848				551	600	6086	6037	1942	1957					
1	849				601	650	6036	5987	1957	2011					
2	850				651	700	5986	5937	2011	2026					
1	851				701	749	5936	5888	2026	2042					
2	852				750	800	5887	5837	2042	2056					
1	853				801	850	5836	5787	2056	2111					
2	854				851	900	5786	5737	2111	2127					
1	855				901	950	5736	5687	2127	2142					
2	856				951	001	5686	5637	2142	2157					
1	857				002	050	5636	5588	2157	2213					
2	858				051	100	5587	5538	2213	2227					
1	859				101	150	5537	5488	2227	2242					
2	860				151	200	5487	5438	2242	2254					
1	861				201	250	5437	5388	2254	2310					
2	862				251	300	5387	5338	2310	2325					
1	863				301	350	5337	5288	2325	2339					
2	864				351	400	5287	5238	2339	2354					

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

TELEDYNE EXPLORATION

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OBSERVER'S DAILY REPORT

PARTY NO. 705 SYSTEM TYPE DFS IV DATE 268

CLIENT U.S.G.S. PRIME NAVIGATION LORAN-C

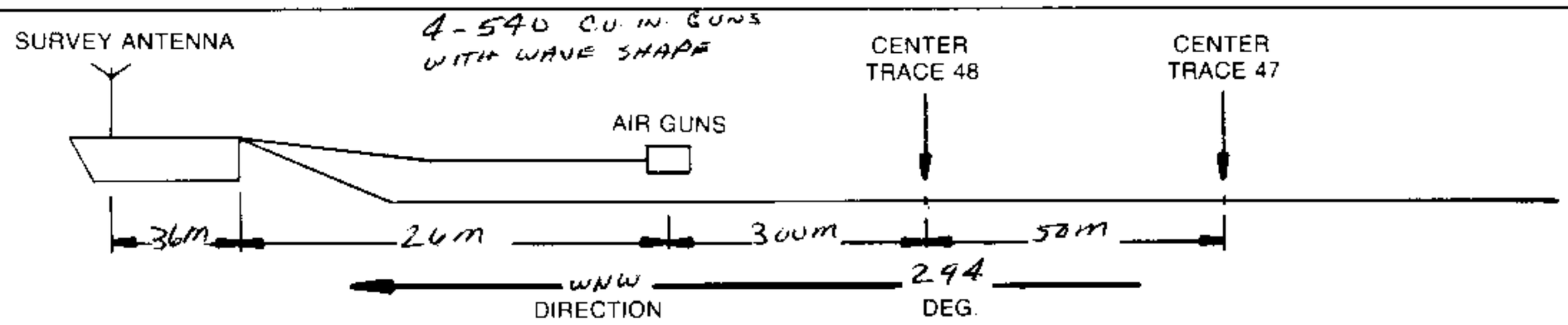
LINE NO. TD-STU DIR. 294 DEG. CABLE TYPE TEC

PROSPECT SOUTH AREA TRACE INT #48-#25 = 50m / #24-#1 = 100m

LOCATION EAST COAST U.S.A. SHOT INT. 50 M

SAMPLE RATE 2 MS. BPI 1600 WEATHER B-2

RECORD LENGTH 12 SEC. OBSERVER POSTEN WOODWARD



RECORD					REPRODUCE				
INPUT GAIN (500 OHM IMP)	FILTERS LO/SLOPE	FILTERS HI	MAN / IFP		FILTERS LO	FILTERS HI	TRIP SENSE	INITIAL GAIN	MODE
36 db + 6 db	8/18	124	IFP		OUT	AUTO	24	24	A.G.C.

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	865	268-	0005-00	294	401	450	5237	5188	2354	0008
2	866				451	500	5187	5138	0008	0021
1	867				501	550	5137	5088	0021	0036
2	868				551	600	5087	5038	0036	0050
1	869				601	650	5037	4988	0050	0105
2	870				651	700	4987	4938	0105	0119
1	871				701	750	4937	4888	0119	0134
2	872				751	800	4887	4838	0134	0150
1	873				801	850	4837	4788	0150	0204
2	874				851	900	4787	4738	0204	0219
1	875				901	950	4737	4688	0219	0233
2	876				951	001	4687	4638	0233	0248
1	877				002	050	4637	4589	0248	0302
2	878				051	100	4588	4539	0302	0316
1	879				101	150	4538	4489	0316	0330
2	880				151	200	4488	4439	0330	0343
1	881				201	250	4438	4389	0343	0356
2	882				251	300	4388	4339	0356	0410
1	883				301	350	4338	4289	0410	0424
2	884				351	400	4288	4239	0424	0437
1	885				401	450	4238	4189	0437	0450
2	886				451	500	4188	4139	0450	0504
1	887				501	550	4138	4089	0504	0519
2	888				551	600	4088	4039	0519	0533
1	889				601	650	4038	3988	0533	0546
2	890				651	700	3987	3938	0546	0601
1	891				701	750	3937	3888	0601	0614
2	892				751	800	3887	3838	0614	0628

U. S. G. S. CONTRACT NO. 1462-[illegible]

TELEDYNE EXPLORATION

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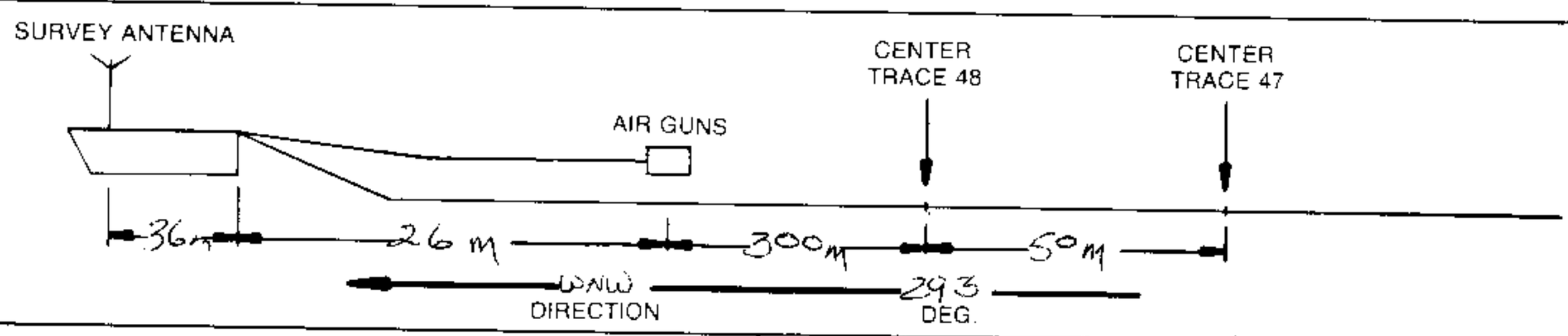
OBSERVER'S DAILY REPORT

PARTY NO. 705 SYSTEM TYPE DFS IV DATE 268

CLIENT USGS
LINE NO. TD-5TU DIR. 293 DEG.
PROSPECT E. COAST SOUTH
LOCATION OFFSHORE U.S.A.
SAMPLE RATE 2 MS. BPI 1600
RECORD LENGTH 12 SEC.

PRIME NAVIGATION LORAN C
CABLE TYPE TEC
TRACE INT 48·25 = 50m / 24-1 = 100m
SHOT INT. 50m
WEATHER B-2
OBSERVER POSTEN / WOODWARD



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	I.F.P.	OUT	AUTO	24	24	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	893	268	0005·00	294	801	850	3837	3788	0628	0643
2	894				851	900	3787	3738	0643	0655
1	895				901	950	3737	3688	0655	0709
2	896				951	001	3687	3638	0709	0724
1	897				002	051	3637	3588	0724	0738
2	898				052	101	3587	3538	0738	0752
1	899				102	151	3537	3488	0752	0807
2	900				152	201	3487	3438	0807	0819
1	901				202	251	3437	3388	0819	0832
2	902				252	301	3387	3338	0832	0845
1	903				302	351	3337	3288	0845	0857
2	904				352	401	3287	3238	0857	0912
1	905				402	451	3237	3188	0912	0925
2	906				452	501	3187	3138	0925	0939
1	907				502	551	3137	3096	0939	0953
2	908				552	601	3195	3046	0953	1006
1	909				602	651	3045	2996	1006	1019
2	910				652	701	2995	2946	1019	1033
1	911				702	751	2945	2896	1033	1046
2	912				752	801	2895	2846	1046	1102
1	913				802	851	2845	2795	1102	1117
2	914				852	901	2794	2739	1117	1133
1	915				902	951	2738	2693	1133	1147
2	916				952	001	2692	2644	1147	1202
1	917				002	051	2643	2594	1202	1217
2	918				052	101	2593	2544	1217	1232
1	919				102	151	2543	2494	1232	1246
2	920				152	201	2493	2444	1246	1301

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

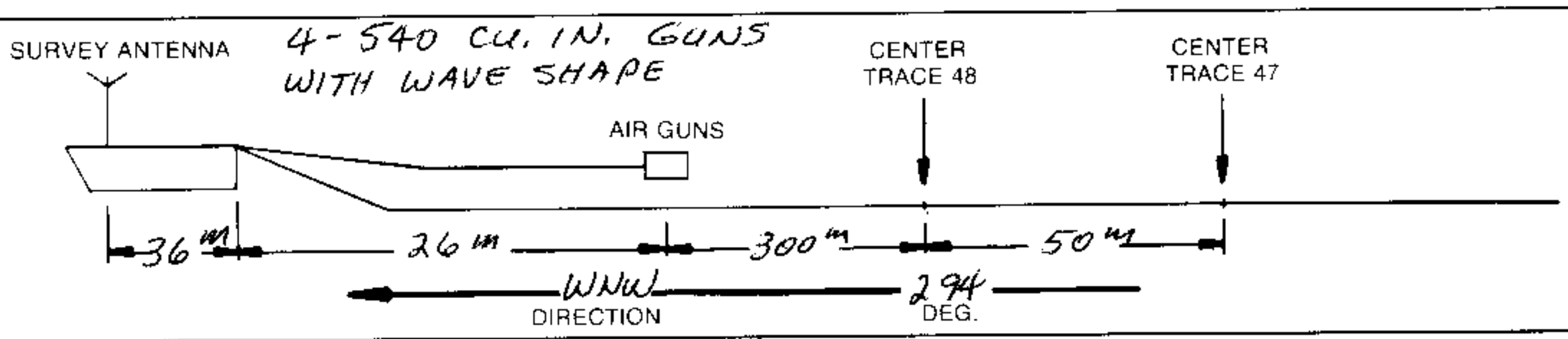
TELEDYNE EXPLORATION

OBSERVER'S DAILY REPORT

PARTY NO. 705 SYSTEM TYPE DFS IV DATE 267

CLIENT USGS
LINE NO. TD-5-TU DIR. 294 DEG.
PROSPECT SOUTH AREA
LOCATION EAST COAST USA
SAMPLE RATE 2 MS. BPI 1600
RECORD LENGTH 12 SEC.

PRIME NAVIGATION LORAN C
CABLE TYPE TEC 48 TRACE
TRACE INT 48-25 = 50 m / 24-1 = 100 m
SHOT INT. 50 m
WEATHER B-3
OBSERVER POSTEN / WOODWARD



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	24	24	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 —								
	X39	TRACE #1 POLARITY CORRECT								
		TRACE #1 INTERMITTENT NOISE								
		GUN #4 OFF LINE - SP 6155 - GUN # 1X IN WATER								
		SP-6036 - GUN #4 BACK ON LINE - #1X OFF								
		SP-6020 - TRACE #1 & #2 SHOWING INTERMITTENT CROSSFEED, CLEARED WITH FILTER SWITCHES								
		SP-5215 MIDNIGHT SHOT								
		SP 3993 - Lost SP due to ship speed								
		SP 3504 Ship noise on Record								
		SP 3124 on File 523 Adjusted on time SAH/RAU 0943								
		SP 2901 SHIP NOISE ON RECORD								
		Lost S.P. # 2808 #2807 TXP PROBLEM								
		S.P. 2750 + 2749 Lost NAVIGATION READJUST								
		SP 2271 RADIO IN USE								
		SP. 2056 SHOT POINTS ADJUSTED BY NAVIGATION 2 S.P. # 2055								
		S.P. 2055 FILE # 589 S.P. 2055 FILE # 590								
		SP 1697 Ship NOISE ON RECORD								
		SP 1442 to 1451 At 1818 FILE 4								
		SP. 1263 Shooting Time								
		SP. 1190 No Program on Raytheon								
		SP. 1145 Shooting Distance								
		SP. 1136 Program Raytheon TR 2C.								
		Dropped SP 1115 - 1108 due To NAV. Readjust.								
		Shooting Time Fire ~~File~~ SP 1101.								
	951									

U. S. G. S. CONTRACT 0201-16209

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TELEDYNE EXPLORATION

OBSERVER'S DAILY REPORT

PARTY NO. 705 **SYSTEM TYPE** DFS IV **DATE** 268

CLIENT U.S.G.S. PRIME NAVIGATION LORAN C

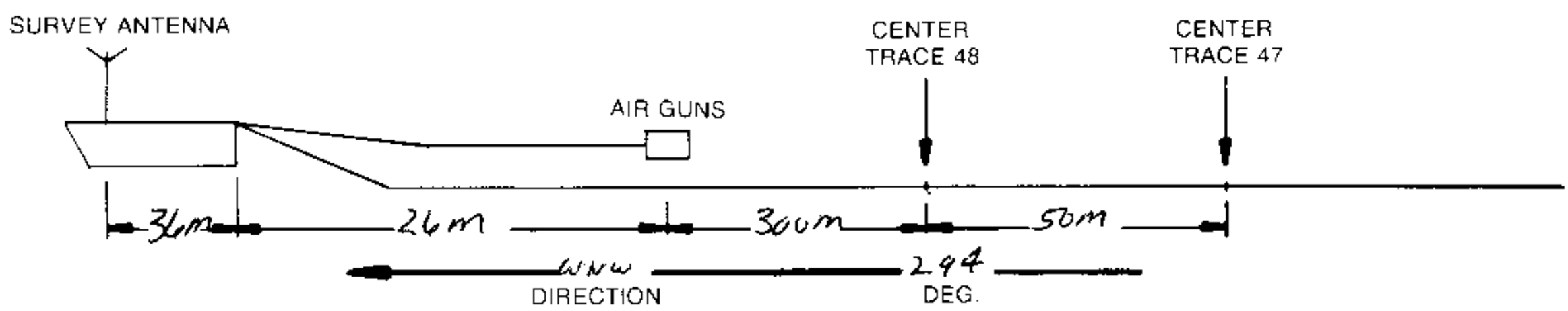
LINE NO. TD-STU DIR. 294 DEG. CABLE TYPE TEC

PROSPECT SOUTH AREA TRACE INT *48-25 = 50m / 24-1 = 100m

LOCATION EAST COAST U.S.A. SHOT INT. 50 m

SAMPLE RATE 2 MS. BPI 1600 WEATHER B-2

RECORD LENGTH 12 SEC. OBSERVER POSTEN . WOODWARD



RECORD				REPRODUCE				
INPUT GAIN (500 OHM IMP)	FILTERS LO/SLOPE	FILTERS HI	MAN / IFP	FILTERS LO	FILTERS HI	TRIP SENSE	INITIAL GAIN	MODE
36 db + 6 db	8/18	124	IFP	OUT	AUTO	24	24	ACC.

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	921	268	0005	00-294	202	251	2443	2394	1301	1316
2	922				252	301	2393	2344	1316	1332
1	923				302	351	2343	2294	1332	1348
2	924				352	401	2293	2244	1348	1403
1	925				402	418	2243	2224	1403	1407
2	926				419	468	2223	2176	1407	1425
1	927				469	518	2175	2126	1425	1441
2	928				519	568	2125	2076	1441	1458
1	929				569	618	2075	2021	1458	1512
2	930				619	668	2026	1977	1512	1529
1	931				669	718	1976	1927	1529	1544
2	932				719	768	1926	1877	1544	1600
1	933				769	818	1876	1827	1600	1617
2	934				819	868	1826	1777	1617	1635
1	935				869	918	1776	1727	1635	1651
2	936				919	968	1726	1677	1651	1707
1	937				969	019	1666	1627	1707	1723
2	938				020	069	1626	1577	1723	1738
1	939				070	119	1576	1527	1738	1753
2	940				120	169	1526	1477	1753	1809
1	941				170	219	1476	1436	1809	1823
2	942				220	269	1435	1386	1823	1840
1	943				270	319	1385	1336	1840	1855
2	944				320	369	1335	1286	1856	1912
1	945				370	419	1285	1236	1912	1928
2	946				420	469	1235	1186	1928	1942
1	947				470	519	1185	1136	1942	1956
2	948				520	569	1135	1094	1956	2013