LINE NO. 15A DIR. 209 DEG. PARTY NO. 705 DATE 247 PAGE 05 8077A

CABLE DEPTH	WATER DEPTH	NO. GUNS	GUN PRES.	GUN DEPTH	SHIPS HEAD	TAIL BOUY
642.523.514.505.476.49	66 FA	4-540	2KPSI	32'	199	DRIFT +003

FILE NO.	SP NO.	REMARKS	FILE NO.	SP NO.	REMARKS
600	2021	NC/MR @ 1028	650	1951	
01			51		
02			52		
03		U. S. G. S. CONTRACT	53		
04		NO. 14-08-0001-16209	54		
05			55		
06			56		
07			57		
08			58		
09			59		
610	2011		660	1961	NC/MR @ 1046
11			61		
12			62		
13			63		
14			64		
15			65		
16			66		
17			67		
18			68		
19			69		
620	2001	NC/MR @ 1034	670	1951	
21			71		
22			72		
23			73		
24			74		
25			75		
26			76		
27			77		
28			78		
29			79		
30			680	1941	NC/MR @ 1053
31			81		
32			82		
33			83		
34			84		
35			85		
36			86		
37			87		
38			88		
639	1982	EOR 219 @ 1041	89		
640	1981	SOR 220 @ 1041	90		
41			91		
42			692	1928	EOR 220 @ 1058
43			693	1927	SOR 221 @ 1058
44			94		
45			95		
46			96		
47			97		
48			98		
49			99		

LINE NO. 15A DIR. 209 DEG. PARTY NO. 705 DATE 247 PAGE 04 8077A

CABLE DEPTH	WATER DEPTH	NO. GUNS	GUN PRES.	GUN DEPTH	SHIPS HEAD	TAIL BOUY
1.5 2.5 3.5 4 5 5.5 6.5 8	66 FA	4-540	2KPSI	32'	198	DRIFT +008

FILE NO.	SP NO.	REMARKS	FILE NO.	SP NO.	REMARKS
00			50		
01		U. S. G. S. CONTRACT	51		
02		NO. 14-08-0001-16209	52		
03			53		
04			54		
05			55		
06			56		
07			57		
08			58		
09			59		
10			60		
11			61		
12			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			S 90	2089	WENT MANUAL DUE
41			91		TO XPORT MALFUNCTIO
42			92		@ 1020
43			93		
44			94		
45			95		
46			96		
47			97		
48			98		
49			99		

LINE NO. 15A DIR. ____ DEG. PARTY NO. 705 DATE 247 PAGE 03 8077A

CABLE DEPTH	WATER DEPTH	NO. GUNS	GUN PRES.	GUN DEPTH	SHIPS HEAD	TAIL BOUY
1.39 2.43 3.46 4.47 5.50 6.56	46 FA	4	2kps.	30'	209°	

FILE NO.	SP NO.	REMARKS	FILE NO.	SP NO.	REMARKS
00			50		
01		U. S. G. S. CONTRACT	51		
02		NO. 14-08-0001-16809	52		
03			53		
04			54		
05			55		
06			56		
07			57		
08			58	2171	
09			59		
10			60		
11			61		
12			62		
13			63		
14			64		
15			65		
16			66		
17			67		
18			68	2181	NC
19			69		
20			70		
21			71		
22			72		
23			73		
24			74		
25			75		
26			76		
27			77	~~2142~~	
28			78	2151	
29			79		
30			80		
31			81		
32			82		
33			83		
34			84		
35			85		
36			86		
37			87	2142	
38	2191	SOL-15A/R#216	88	214	Back on 21MX
39		@ 0932/WD 47FA	89		
40			90		
41			91		
42			92		
43			93		
44			94		
45			95		
46			96		
47			97		
48	2181	NC WD 46 FA	98		
49			99		

6

••NC 2081

•SH
SHIP'S HEADING? 227

FILE #000361 PARITY ERRORS 0000 SHOT POINT #002081 TIME 04:01:56
SHIP HEAD 0227 LINE DIRECTION 0223 TBB 0000 DRIFT0004 DEPTH 0112 FA
CD1 53 CD2 53 CD3 50 CD4 50 CD5 53 CD6 50
AGD1 35 AGD2 35 AGD3 31 AGD4 33 AG PRESSURE 1859

••SONOBUOY IN WATER AT SP 2075 TIME: 04:04:20

FILE #000371 PARITY ERRORS 0000 SHOT POINT #002071 TIME 04:05:01
SHIP HEAD 0227 LINE DIRECTION 0223 TBB 0000 DRIFT0004 DEPTH 0112 FA
CD1 58 CD2 54 CD3 50 CD4 50 CD5 49 CD6 48
AGD1 34 AGD2 35 AGD3 31 AGD4 33 AG PRESSURE 1858

••NC 2061

FILE #000381 PARITY ERRORS 0000 SHOT POINT #002061 TIME 04:08:10
SHIP HEAD 0227 LINE DIRECTION 0223 TBB 0000 DRIFT0004 DEPTH 0112 FA
CD1 55 CD2 54 CD3 50 CD4 50 CD5 46 CD6 48
AGD1 34 AGD2 34 AGD3 31 AGD4 33 AG PRESSURE 1922

FILE #000391 PARITY ERRORS 0000 SHOT POINT #002051 TIME 04:11:13
SHIP HEAD 0227 LINE DIRECTION 0223 TBB 0000 DRIFT0004 DEPTH 0112 FA
CD1 58 CD2 53 CD3 50 CD4 50 CD5 47 CD6 45
AGD1 34 AGD2 34 AGD3 31 AGD4 33 AG PRESSURE 1858

••NC2041

•SH
SHIP'S HEADING? 228

•TBB
=-006

••SOP #194 @ SP 2041

FILE #000001 PARITY ERRORS 0000 SHOT POINT #002041 TIME 04:14:18
SHIP HEAD 0228 LINE DIRECTION 0223 TBB -006 DRIFT-001 DEPTH 0112 FA
CD1 56 CD2 54 CD3 50 CD4 50 CD5 47 CD6 48
AGD1 34 AGD2 34 AGD3 31 AGD4 33 AG PRESSURE 1860

FILE #000411 PARITY ERRORS 0000 SHOT POINT #002031 TIME 04:17:32
SHIP HEAD 0228 LINE DIRECTION 0223 TBB -006 DRIFT-001 DEPTH 0112 FA
CD1 54 CD2 50 CD3 50 CD4 50 CD5 51 CD6 51
AGD1 34 AGD2 33 AGD3 31 AGD4 33 AG PRESSURE 1908

••NC 2021

•SH
SHIP'S HEADING? 231

FILE #000421 PARITY ERRORS 0000 SHOT POINT #002021 TIME 04:20:37
SHIP HEAD 0231 LINE DIRECTION 0223 TBB -006 DRIFT0002 DEPTH 0112 FA
CD1 59 CD2 54 CD3 50 CD4 50 CD5 51 CD6 46
AGD1 33 AGD2 33 AGD3 30 AGD4 33 AG PRESSURE 1825

FILE #000431 PARITY ERRORS 0000 SHOT POINT #002011 TIME 04:23:43
SHIP HEAD 0231 LINE DIRECTION 0223 TBB -006 DRIFT0002 DEPTH 0072 FA
CD1 54 CD2 54 CD3 50 CD4 50 CD5 51 CD6 50
AGD1 33 AGD2 33 AGD3 30 AGD4 33 AG PRESSURE 1891

••NC 2001

FILE #000441 PARITY ERRORS 0000 SHOT POINT #002001 TIME 04:26:50
SHIP HEAD 0231 LINE DIRECTION 0223 TBB -006 DRIFT0002 DEPTH 0072 FA
CD1 58 CD2 53 CD3 50 CD4 50 CD5 49 CD6 46
AGD1 33 AGD2 32 AGD3 30 AGD4 33 AG PRESSURE 1810

••SOP #195 @ SP 1991

•TBB
=-007

FILE #000001 PARITY ERRORS 0000 SHOT POINT #001991 TIME 04:29:52
SHIP HEAD 0231 LINE DIRECTION 0223 TBB -007 DRIFT0001 DEPTH 0070 FA
CD1 56 CD2 53 CD3 50 CD4 50 CD5 50 CD6 49

```
**NC 1951

*SH
SHIP'S HEADING? 230

FILE #000461  PARITY ERRORS 0000  SHOT POINT #001981  TIME  04:33:02
SHIP HEAD 0230 LINE DIRECTION 0223  TBB -007 DRIFT0000  DEPTH 0070  FA
  CD1 54  CD2 54  CD3 50  CD4 51  CD5 50  CD6 49
 AGD1 33 AGD2 32 AGD3 30 AGD4 33  AG PRESSURE 1891

FILE #000471  PARITY ERRORS 0000  SHOT POINT #001971  TIME  04:36:07
SHIP HEAD 0230 LINE DIRECTION 0223  TBB -007 DRIFT0000  DEPTH 0070  FA
  CD1 58  CD2 54  CD3 50  CD4 50  CD5 53  CD6 46
 AGD1 32 AGD2 31 AGD3 30 AGD4 33  AG PRESSURE 1804

**NC 1961

FILE #000481  PARITY ERRORS 0000  SHOT POINT #001961  TIME  04:39:14
SHIP HEAD 0230 LINE DIRECTION 0223  TBB -007 DRIFT0000  DEPTH 0071  FA
  CD1 55  CD2 53  CD3 50  CD4 50  CD5 45  CD6 44
 AGD1 32 AGD2 31 AGD3 30 AGD4 33  AG PRESSURE 1890

FILE #000491  PARITY ERRORS 0000  SHOT POINT #001951  TIME  04:42:20
SHIP HEAD 0230 LINE DIRECTION 0223  TBB -007 DRIFT0000  DEPTH 0072  FA
  CD1 54  CD2 51  CD3 50  CD4 50  CD5 42  CD6 44
 AGD1 32 AGD2 31 AGD3 30 AGD4 33  AG PRESSURE 1891

**NC 1941

*SH
SHIP'S HEADING? 229

**SOR # 196 @ SP 1941

FILE #000501  PARITY ERRORS 0000  SHOT POINT #001941  TIME  04:45:27
SHIP HEAD 0229 LINE DIRECTION 0223  TBB -007 DRIFT-001  DEPTH 0069  FA
  CD1 55  CD2 54  CD3 51  CD4 50  CD5 44  CD6 47
 AGD1 32 AGD2 30 AGD3 29 AGD4 33  AG PRESSURE 1875

FILE #000511  PARITY ERRORS 0000  SHOT POINT #001931  TIME  04:48:34
SHIP HEAD 0229 LINE DIRECTION 0223  TBB -007 DRIFT-001  DEPTH 0071  FA
  CD1 52  CD2 52  CD3 50  CD4 51  CD5 51  CD6 49
 AGD1 32 AGD2 30 AGD3 29 AGD4 33  AG PRESSURE 1891

**NC 1921

*TBB
=-005

FILE #000521  PARITY ERRORS 0000  SHOT POINT #001921  TIME  04:51:40
SHIP HEAD 0229 LINE DIRECTION 0223  TBB -005 DRIFT0001  DEPTH 0072  FA
  CD1 59  CD2 51  CD3 50  CD4 51  CD5 54  CD6 50
 AGD1 31 AGD2 30 AGD3 29 AGD4 33  AG PRESSURE 1924

FILE #000531  PARITY ERRORS 0000  SHOT POINT #001911  TIME  04:54:46
SHIP HEAD 0229 LINE DIRECTION 0223  TBB -005 DRIFT0001  DEPTH 0074  FA
  CD1 57  CD2 53  CD3 50  CD4 51  CD5 56  CD6 52
 AGD1 31 AGD2 30 AGD3 29 AGD4 33  AG PRESSURE 1923

**NC 1901

FILE #000541  PARITY ERRORS 0000  SHOT POINT #001901  TIME  04:57:52
SHIP HEAD 0229 LINE DIRECTION 0223  TBB -005 DRIFT0001  DEPTH 0071  FA
  CD1 54  CD2 53  CD3 49  CD4 51  CD5 61  CD6 51
 AGD1 31 AGD2 29 AGD3 29 AGD4 33  AG PRESSURE 1890

**SOR #197 @ SP 1891

FILE #000001  PARITY ERRORS 0000  SHOT POINT #001891  TIME  05:01:01
SHIP HEAD 0229 LINE DIRECTION 0223  TBB -005 DRIFT0001  DEPTH 0072  FA
  CD1 59  CD2 50  CD3 50  CD4 51  CD5 62  CD6 53
 AGD1 31 AGD2 29 AGD3 29 AGD4 33  AG PRESSURE 1890

**NC 1881
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FILE #000561 PARITY ERRORS 0000 SHOT POINT #001881 TIME 05:04:10
SHIP HEAD 0229 LINE DIRECTION 0223 TBB -005 DRIFT0001 DEPTH 0070 FA
CD1 55 CD2 50 CD3 50 CD4 50 CD5 61 CD6 51
AGD1 31 AGD2 29 AGD3 29 AGD4 33 AG PRESSURE 1923

FILE #000571 PARITY ERRORS 0000 SHOT POINT #001871 TIME 05:07:15
SHIP HEAD 0229 LINE DIRECTION 0223 TBB -005 DRIFT0001 DEPTH 0071 FA
CD1 55 CD2 53 CD3 51 CD4 50 CD5 57 CD6 49
AGD1 30 AGD2 29 AGD3 29 AGD4 33 AG PRESSURE 1912

**NC 1861

FILE #000581 PARITY ERRORS 0000 SHOT POINT #001861 TIME 05:10:26
SHIP HEAD 0229 LINE DIRECTION 0223 TBB -005 DRIFT0001 DEPTH 0070 FA
CD1 53 CD2 52 CD3 50 CD4 50 CD5 50 CD6 50
AGD1 30 AGD2 28 AGD3 29 AGD4 33 AG PRESSURE 1860

FILE #000591 PARITY ERRORS 0000 SHOT POINT #001851 TIME 05:13:36
SHIP HEAD 0229 LINE DIRECTION 0223 TBB -005 DRIFT0001 DEPTH 0071 FA
CD1 54 CD2 54 CD3 51 CD4 51 CD5 54 CD6 50
AGD1 30 AGD2 28 AGD3 29 AGD4 33 AG PRESSURE 1859

**NC 1841

**SOR 198 AT SP 1841

601
FILE #000001 PARITY ERRORS 0000 SHOT POINT #001841 TIME 05:16:47
SHIP HEAD 0229 LINE DIRECTION 0223 TBB -005 DRIFT0001 DEPTH 0070 FA
CD1 55 CD2 54 CD3 50 CD4 50 CD5 54 CD6 49
AGD1 30 AGD2 28 AGD3 28 AGD4 33 AG PRESSURE 1922

FILE #000611 PARITY ERRORS 0000 SHOT POINT #001831 TIME 05:19:57
SHIP HEAD 0229 LINE DIRECTION 0223 TBB -005 DRIFT0001 DEPTH 0070 FA
CD1 55 CD2 53 CD3 50 CD4 50 CD5 51 CD6 50
AGD1 30 AGD2 28 AGD3 28 AGD4 33 AG PRESSURE 1890

**NC 1821

FILE #000621 PARITY ERRORS 0000 SHOT POINT #001821 TIME 05:23:07
SHIP HEAD 0229 LINE DIRECTION 0223 TBB -005 DRIFT0001 DEPTH 0068 FA
CD1 57 CD2 50 CD3 49 CD4 50 CD5 50 CD6 51
AGD1 30 AGD2 27 AGD3 28 AGD4 33 AG PRESSURE 1924

FILE #000631 PARITY ERRORS 0000 SHOT POINT #001811 TIME 05:26:13
SHIP HEAD 0229 LINE DIRECTION 0223 TBB -005 DRIFT0001 DEPTH 0068 FA
CD1 53 CD2 53 CD3 50 CD4 51 CD5 54 CD6 50
AGD1 29 AGD2 27 AGD3 28 AGD4 33 AG PRESSURE 1890

**NC 1801

*TBB-006
=-006

FILE #000641 PARITY ERRORS 0000 SHOT POINT #001801 TIME 05:29:17
SHIP HEAD 0229 LINE DIRECTION 0223 TBB -005 DRIFT0001 DEPTH 0069 FA
CD1 56 CD2 53 CD3 49 CD4 50 CD5 51 CD6 50
AGD1 29 AGD2 27 AGD3 28 AGD4 33 AG PRESSURE 1828

**SOR #199 @ SP 1791

651
FILE #000001 PARITY ERRORS 0000 SHOT POINT #001791 TIME 05:32:26
SHIP HEAD 0229 LINE DIRECTION 0223 TBB -006 DRIFT0000 DEPTH 0071 FA
CD1 56 CD2 50 CD3 49 CD4 50 CD5 54 CD6 50
AGD1 33 AGD2 35 AGD3 32 AGD4 35 AG PRESSURE 1523

**NC 1781

*SH
SHIP'S HEADING= 228

FILE #000661 PARITY ERRORS 0001 SHOT POINT #001781 TIME 05:35:33
SHIP HEAD 0228 LINE DIRECTION 0223 TBB -006 DRIFT-001 DEPTH 0074 FA
CD1 54 CD2 52 CD3 50 CD4 50 CD5 55 CD6 51
AGD1 33 AGD2 35 AGD3 32 AGD4 35 AG PRESSURE 1851

FILE #000671 PARITY ERRORS 0000 SHOT POINT #001771 TIME 05:38:34
SHIP HEAD 0228 LINE DIRECTION 0223 TBB -006 DRIFT-001 DEPTH 0068 FA
CD1 57 CD2 54 CD3 50 CD4 50 CD5 52 CD6 50
AGD1 33 AGD2 35 AGD3 32 AGD4 35 AG PRESSURE 1691

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**NC 1761

FILE #000691  PARITY ERRORS 0000  SHOT POINT #001761  TIME  05:41:36
SHIP HEAD 0228 LINE DIRECTION 0223  TBB -006 DRIFT-001  DEPTH 0068  FA
  CD1 58  CD2 54  CD3 51  CD4 50  CD5 51  CD6 50
 AGD1 33 AGD2 34 AGD3 32 AGD4 35  AG PRESSURE 1764

FILE #000691  PARITY ERRORS 0000  SHOT POINT #001751  TIME  05:44:37
SHIP HEAD 0228 LINE DIRECTION 0223  TBB -006 DRIFT-001  DEPTH 0068  FA
  CD1 55  CD2 55  CD3 50  CD4 50  CD5 47  CD6 49
 AGD1 33 AGD2 34 AGD3 32 AGD4 35  AG PRESSURE 1792

**NC 1741

**SOP #200 AT SP 1741

*CH
SHIP'S HEADING? 229

FILE #000001  PARITY ERRORS 0000  SHOT POINT #001741  TIME  05:47:42
SHIP HEAD 0228 LINE DIRECTION 0223  TBB -006 DRIFT-001  DEPTH 0069  FA
  CD1 57  CD2 55  CD3 50  CD4 50  CD5 50  CD6 50
 AGD1 32 AGD2 34 AGD3 32 AGD4 35  AG PRESSURE 1814

FILE #000711  PARITY ERRORS 0000  SHOT POINT #001731  TIME  05:50:43
SHIP HEAD 0229 LINE DIRECTION 0223  TBB -006 DRIFT-001  DEPTH 0069  FA
  CD1 57  CD2 53  CD3 50  CD4 50  CD5 50  CD6 50
 AGD1 32 AGD2 33 AGD3 32 AGD4 35  AG PRESSURE 1789

**NC 1721

FILE #000721  PARITY ERRORS 0000  SHOT POINT #001721  TIME  05:53:45
SHIP HEAD 0228 LINE DIRECTION 0223  TBB -006 DRIFT-001  DEPTH 0070  FA
  CD1 58  CD2 54  CD3 50  CD4 50  CD5 49  CD6 50
 AGD1 32 AGD2 33 AGD3 32 AGD4 35  AG PRESSURE 1848

FILE #000731  PARITY ERRORS 0000  SHOT POINT #001711  TIME  05:56:53
SHIP HEAD 0228 LINE DIRECTION 0223  TBB -006 DRIFT-001  DEPTH 0066  FA
  CD1 54  CD2 51  CD3 50  CD4 49  CD5 48  CD6 49
 AGD1 32 AGD2 33 AGD3 32 AGD4 35  AG PRESSURE 1858

**NC 1701

*TBB
=-007

*CH
SHIP'S HEADING? 231

FILE #000741  PARITY ERRORS 0000  SHOT POINT #001701  TIME  05:59:59
SHIP HEAD 0231 LINE DIRECTION 0223  TBB -007 DRIFT0001  DEPTH 0066  FA
  CD1 54  CD2 55  CD3 50  CD4 50  CD5 51  CD6 49
 AGD1 32 AGD2 33 AGD3 32 AGD4 35  AG PRESSURE 1858

**SOR #201 @ SP 1691

FILE #000001  PARITY ERRORS 0000  SHOT POINT #001691  TIME  06:03:04
SHIP HEAD 0231 LINE DIRECTION 0223  TBB -007 DRIFT0001  DEPTH 0065  FA
  CD1 56  CD2 53  CD3 50  CD4 51  CD5 53  CD6 50
 AGD1 32 AGD2 32 AGD3 32 AGD4 35  AG PRESSURE 1759

*
** POWER FAILED AT TIME  06:16:31 DAY 0247 YEAR 1977
SET TIME
YEAR: 1977
DAY: 247
TIME: 06:25:00
TIME  06:25:00 DAY 0247 YEAR 1977
SHIP'S HEADING? 227
AUTOT YES
READY

*PU
LINE NUMBER? 158-00
FIRST SHOT POINT? 001585
LAST SHOT POINT? 000000
```

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

TELEDYNE EXPLORATION

8077

OBSERVER'S DAILY REPORT

JD 246

PARTY NO. 705 SYSTEM TYPE DFS IV DATE 9-4-77

CLIENT USGS PRIME NAVIGATION SAT NAV / LORAN "C"

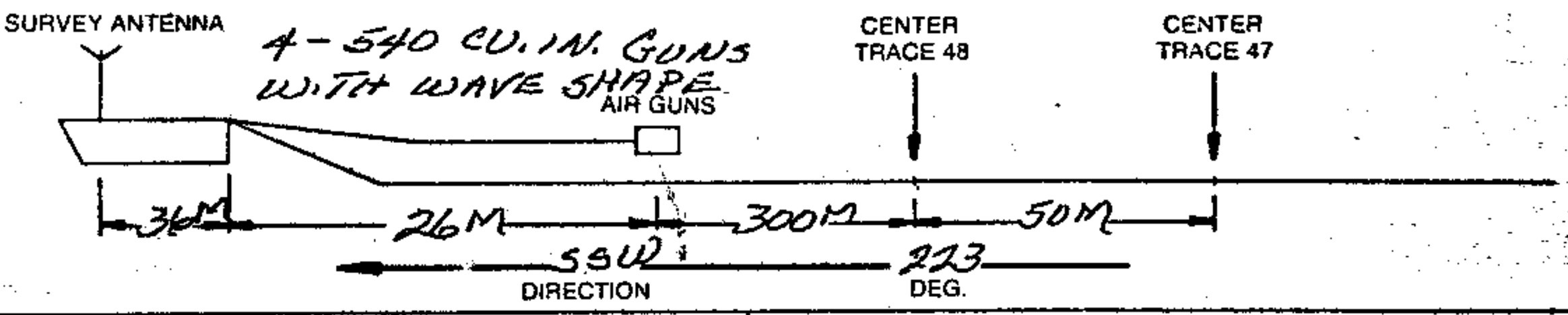
LINE NO. 15B + 15A DIR. 223 DEG. CABLE TYPE TEC

PROSPECT NORTH AREA TRACE INT 48 → 25 50M / 24 → 1 100M

LOCATION EAST COAST USA SHOT INT. 50 METER

SAMPLE RATE 2 MS. BPI 1600 WEATHER B-2

RECORD LENGTH 12 SEC. OBSERVER PALMER



RECORD

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

REPRODUCE

FILTERS LO	FILTERS HI	TRIP SENSE	INITIAL GAIN	MODE
OUT	AUTO	AS APP	30 DB	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	186	241	150200	223	001	050	2441	2392	0200	0218
1	187				051	100	2391	2342	0218	0234
2	188				101	150	2341	2292	0234	0252
1	189				151	200	2291	2242	0252	0308
2	190				201	250	2241	2192	0308	0325
1	191				251	300	2191	2142	0325	0342
2	192				301	350	2141	2092	0342	0359
1	193				351	400	2091	2042	0359	0414
2	194	X			401	450	2041	1992	0414	0430
1	195	X			451	500	1991	1942	0430	0445
2	196	X			501	550	1941	1892	0445	0501
1	197	X			551	600	1891	1842	0501	0517
2	198	X			601	650	1841	1792	0517	0532
1	199	X			651	700	1791	1742	0532	0548
2	200	X			701	750	1741	1692	0548	0603
1	201	(VOID) Bad Tape →			751		1691		0603	
2	202				752	800	1685	1637	0603	0620
1	203				801	853	1636	1584	0620	0637
2	204				854	900	1583	1538	0637	0649
1	205				901	950	1536	1487	0649	0703
2	206				951	001	1486	1437	0703	0719
1	207				002	052	1436	1386	0719	0735
2	208				053	102	1385	1336	0735	0750
1	209				103	152	1335	1286	0750	0805
2	210				153	202	1285	1236	0805	0819

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

8077

TELEDYNE EXPLORATION

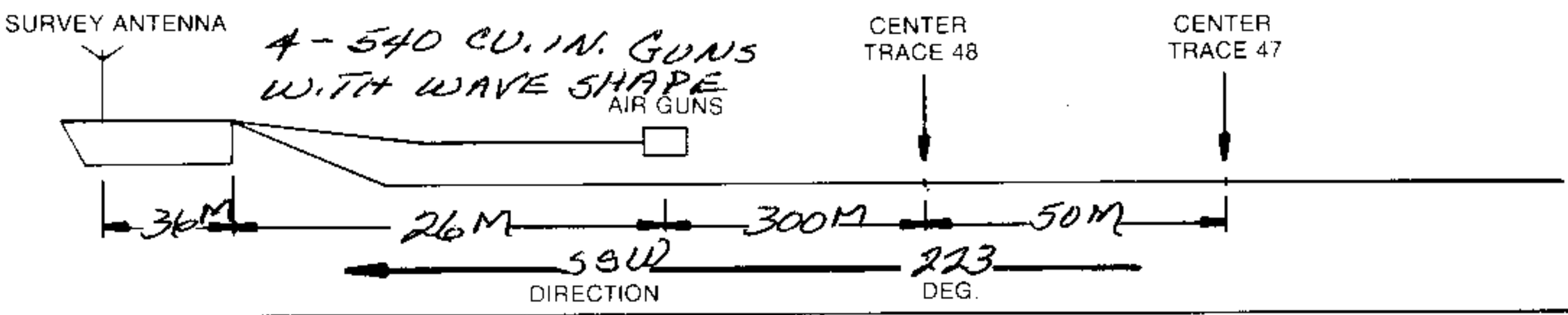
OBSERVER'S DAILY REPORT

JD 246

PARTY NO. 705 SYSTEM TYPE DFS IV DATE 9-3-77

CLIENT USGS
LINE NO. 15B + 15A DIR. 223 DEG.
PROSPECT NORTH AREA
LOCATION EAST COAST USA
SAMPLE RATE 2 MS. BPI 1600
RECORD LENGTH 12 SEC.

PRIME NAVIGATION SAT NAV / LORAN "C"
CABLE TYPE TEC
TRACE INT 48 → 25 50M / 24 → 1 100M
SHOT INT. 50 METER
WEATHER B-2
OBSERVER PALMER



RECORD

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

REPRODUCE

FILTERS LO	FILTERS HI	TRIP SENSE	INITIAL GAIN	MODE
OUT	AUTO	AS APP	30 DB	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	186	246	150200	223	001	050	2441	2392	0200	0218
1	187				051	100	2391	2342	0218	0234
2	188				101	150	2341	2292	0234	0252
1	189				151	200	2291	2242	0252	0308
2	190				201	250	2241	2192	0308	0325
1	191				251	300	2191	2142	0325	0342
2	192				301	350	2141	2092	0342	0359
1	193				351	400	2091	2042	0359	0414
2	194				401	450	2041	1992	0414	0430
1	195				451	500	1991	1942	0430	0445
2	196				501	550	1941	1892	0445	0501
1	197				551	600	1891	1842	0501	0517
2	198				601	650	1841	1792	0517	0532
1	199				651	700	1791	1742	0532	0548
2	200				701	750	1741	1692	0548	0603
1	201	(VOID) ~~Bad Tape~~ →			751		1691		0603	
2	202				752	800	1685	1637	0603	0620
1	203				801	853	1636	1584	0620	0637
2	204				854	900	1583	1538	0637	0649
1	205				901	950	1538	1487	0649	0703
2	206				951	001	1486	1437	0703	0719
1	207				002	052	1436	1386	0719	0735
2	208				053	102	1385	1336	0735	0750
1	209				103	152	1335	1286	0750	0805
2	210				153	202	1285	1236	0805	0819

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

TELEDYNE EXPLORATION

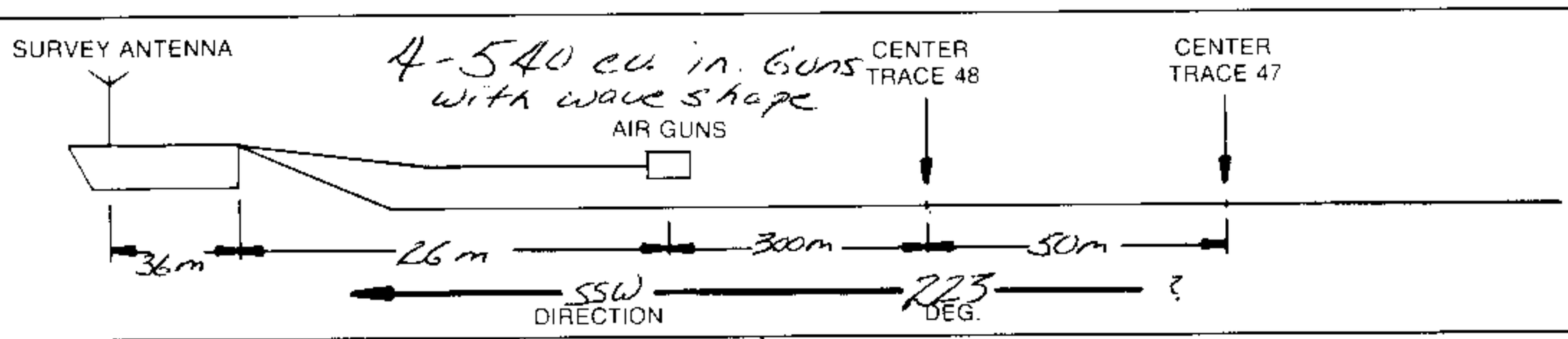
8077

OBSERVER'S DAILY REPORT

PARTY NO. 705 SYSTEM TYPE DFS IV DATE 247

CLIENT U.S.G.S.
? LINE NO. 15B + 15A DIR. 223 DEG.
PROSPECT North Area
LOCATION East Coast USA
SAMPLE RATE 2 MS. BPI 1600
RECORD LENGTH 12 SEC.

PRIME NAVIGATION Sat Nav.
CABLE TYPE TEC 48 Trace
TRACE INT 48→25=50m / 24→1=100m
SHOT INT. 50m
WEATHER B-4
OBSERVER Poston / Palmer



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
1	211	247	150200	223	203	252	1235	1186	0819	0834
2	212				253	302	1185	1136	0834	0849
1	213				303	352	1135	1086	0849	0904
2	214				353	402	1085	1036	0904	0920
1	215				403	437	1035	1001	0920	0932
2	216	247	150100	209	438	487	2191	2142	0932	0948
1	217				488	537	2141	2092	0948	1005
2	218				538	587	2091	2042	1005	1020
2	219				590	639	2089	1982	1020	1041
1	220				640	692	1981	1928	1041	1058
2	221				693	739	1927	1882	1058	1112
1	222				740	789	1880	1832	1112	1128
2	223				790	839	1831	1782	1128	1144
1	224				840	889	1781	1732	1144	1201
2	225				890	940	1731	1681	1201	1217
1	226				941	989	1680	1632	1217	1234
2	227				990	040	1631	1582	1234	1251
1	228				041	090	1581	1532	1251	1308
2	229				091	140	1531	1482	1308	1325
1	230				141	191	1481	1431	1325	1343
2	231				192	240	1430	1382	1343	1401
1	232				241	290	1381	1332	1401	1419
2	233				291	340	1331	1282	1419	1436
1	234				341	390	1281	1232	1436	1455
2	235				391	440	1231	1182	1455	1513
1	236				441	490	1181	1132	1513	1531
2	237				491	540	1131	1082	1531	1549
1	238				541	590	1081	1032	1549	1607

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

8077

TELEDYNE EXPLORATION

OBSERVER'S DAILY REPORT

PARTY NO. 705 SYSTEM TYPE OFS IV DATE JD 247 9-4-77

CLIENT U.S.G.S. PRIME NAVIGATION SAT NAV/LORAN "C"

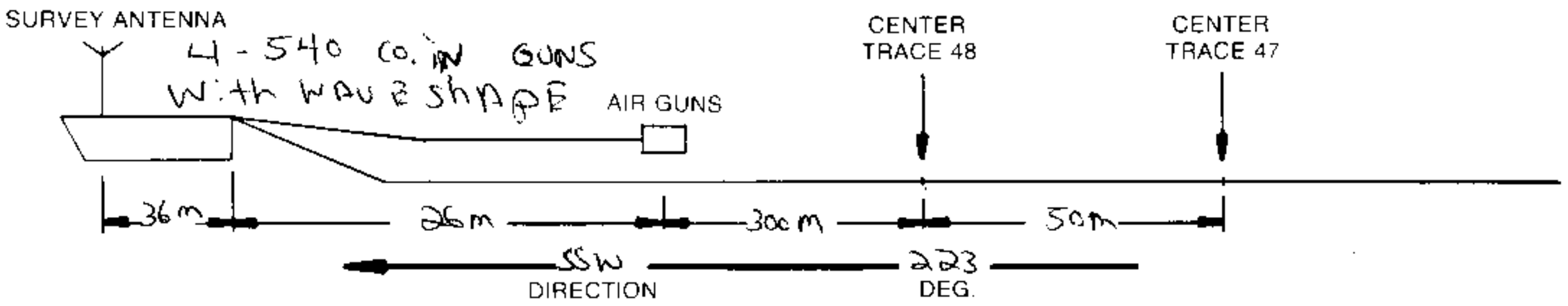
LINE NO. L5B+L5A DIR. 223 DEG. CABLE TYPE TEC

PROSPECT North AREA TRACE INT 48→25 50m / 24→1 100m

LOCATION East Coast USA SHOT INT. 50 METER

SAMPLE RATE 2 MS. BPI 1600 WEATHER B-2

RECORD LENGTH 12 SEC. OBSERVER PALMER



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	AS ABP	124	IFP	out	Auto	AS APP	30 DB	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	239	247	150100	209	591	640	1031	982	1607	1625
1	240				641	690	981	932	1625	1643
2	241				691	740	931	882	1643	1700
1	242				741	790	881	832	1700	1717
2	243				791	840	831	782	1717	1735
1	244				841	890	781	732	1735	1752
2	245				891	940	731	682	1752	1810
1	246				941	990	681	632	1810	1828
2	247				991	041	631	582	1826	1847
1	248				042	091	581	532	1847	1906
2	249				092	141	531	482	1906	1925
1	250				142	172	481	451	1925	1937
		— LINE COMPLETE —								

8077

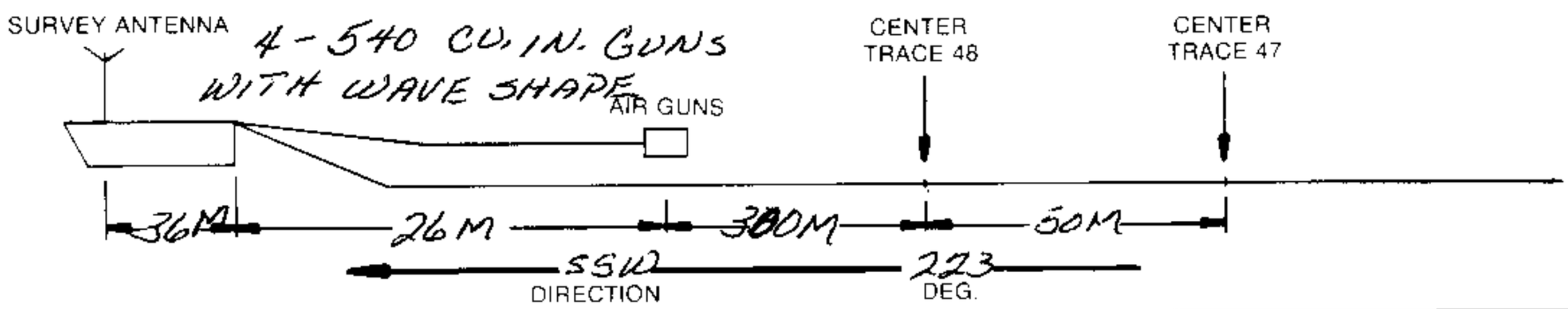
TELEDYNE EXPLORATION

OBSERVER'S DAILY REPORT

PARTY NO. 705 SYSTEM TYPE DFS IV DATE JD 247 9-4-77

CLIENT USGS
LINE NO. 15B & 15A DIR. 223 DEG.
PROSPECT NORTH AREA
LOCATION EAST COAST USA
SAMPLE RATE 2 MS. BPI 1600
RECORD LENGTH 12 SEC.

PRIME NAVIGATION SAT NAV / LORAN "C"
CABLE TYPE TEC
TRACE INT 48 → 25 50M / 24 → 1 100M
SHOT INT. 50 METER
WEATHER B-2
OBSERVER PALMER



RECORD

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

REPRODUCE

FILTERS LO	FILTERS HI	TRIP SENSE	INITIAL GAIN	MODE
OUT	AUTO	AS APP	30 DB	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
		247	150200	223						

NOTES

* SHIP NOISE ON RECORD @ SP 2341
* SHIP NOISE OFF RECORD @ SP 2321
* SHIP NOISE ON RECORD @ SP 2301
* SONOBUOY ON TRACE 48 @ SP 2201
* SHIP NOISE OFF RECORD @ SP 2141
* Sonobuoy=bad (Turned off at 0400) S.P. 2085
2nd Sonobuoy (in water at 0404) S.P. 2075
* VOID TAPE #201 - BAD (NO FILES RECORDED)
TIME 0603 * LOST 5 SPS DUE TO BAD TAPE & XPORT MALFUNCTION
MX 21 COMPUTER OFF LINE @ SP 1691
* MX 21 " ON LINE @ SP 1585
* @ SP-1243 TIME 0817 SONOBUOY OFF - TRACE 48 ON
NORMAL SHOOTING
* Last S.P. ON 15B was (1001 = 2192) 0932
2192 FSP ON DOGLEG (15-A)
* LOST 8 SHOTS DUE TO XPORT MALFUNCTION @ SP 2041
THRU SP 2034 TIME 10:20 GMT
* 21 MX OFF LINE SHOOTING MANUAL
* 21 MX ON LINE @ SP 1921
* RADIO IN USE @ SP 1168
* TURNED SONOBUOY OFF @ SP 1075 ON FILE 345
* SONOBUOY LAUNCHED AT 1355 GMT & RECORDED
STARTING SP 1401 THRU SP 1075

8077

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

TELEDYNE EXPLORATION

OBSERVER'S DAILY REPORT

PARTY NO. 705 SYSTEM TYPE DFS IV DATE 247

CLIENT U.S.G.S. PRIME NAVIGATION Sat. Nav / Loran "C"

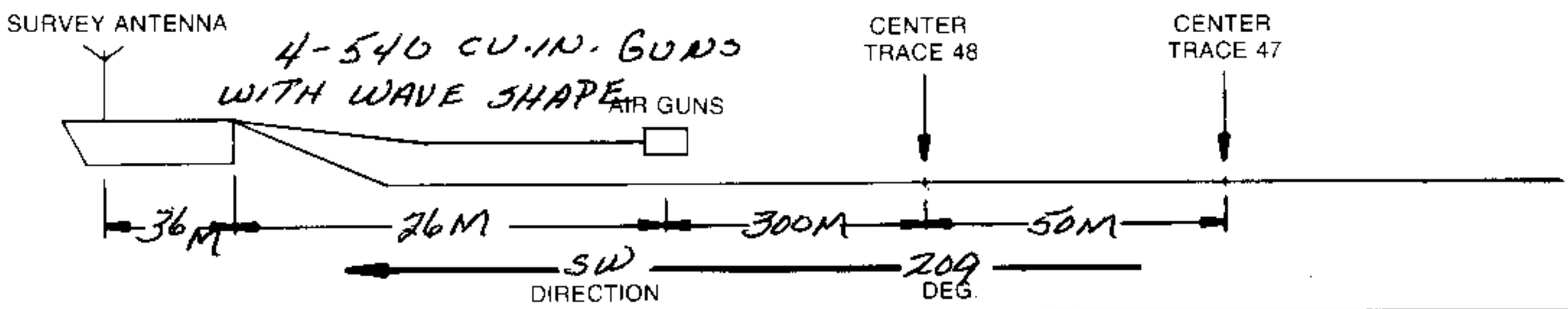
LINE NO. 15A DIR. 209 DEG. CABLE TYPE TEC 48 Trace

PROSPECT North Area TRACE INT 48→25 = 50m / 24-1 = 100m

LOCATION East Coast USA SHOT INT. 50m

SAMPLE RATE 2 MS. BPI 1600 WEATHER B-4

RECORD LENGTH 12 SEC. OBSERVER Poston / Palmer



RECORD

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

REPRODUCE

FILTERS LO	FILTERS HI	TRIP SENSE	INITIAL GAIN	MODE
OUT	AUTO	AS APP	30 DB	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:								
		Radio in use on File #(814) affecting Aux. Traces only								
	*	PULLING TO LEFT OF LINE @ SP-783 TO AVOID								
		FISHING BUOY @ TIME 1735								
	*	SP-754 - TIME 1743 - PULLING BACK TOWARD LINE								
	*	SP-675 - TIME 1812 - BACK ON LINE								

LINE NO. 15B DIR. 223 DEG. PARTY NO. 705 DATE 247 PAGE 02 8077A

CABLE DEPTH	WATER DEPTH	NO. GUNS	GUN PRES.	GUN DEPTH	SHIPS HEAD	TAIL BOUY
1.54 2.52 3.50 4.50 5.46 6.50	65 FA	4	2000psi	32'	227	TBB=605

FILE NO.	SP NO.	REMARKS	FILE NO.	SP NO.	REMARKS
00			50		
01		U. S. G. S. CONTRACT	51		(Last)
02		NO. 14-08-0001-16209	52	1585	1st S.P. ON 21MX
03			53		~~Last~~
04			54		
05			55		
06	1631		56		
07			57		
08			58		
09			59		
10			60		
11			61		
12			62		
13			63		
14			64		
15			65		
16	1621	NC WO 68 FA	66		
17			67		
18			68		
19			69		
20			70		
21			71		
22			72		
23			73		
24			74		
25			75		
26	1611		76		
27			77		
28			78		
29			79		
30			80		
31			81		
32			82		
33			83		
34			84		
35			85		
36	1601	NC WO 62 FA	86		
37			87		
38			88		
39			89		
40			90		
41			91		
42			92		
43			93		
44			94		
45			95		
46	1591		96		
47			97		
48			98		
49			99		

LINE NO. 15B DIR. 223 DEG. PARTY NO. 705 DATE 247 PAGE 01 8077A

CABLE DEPTH	WATER DEPTH	NO. GUNS	GUN PRES.	GUN DEPTH	SHIPS HEAD	TAIL BOUY
1.54 2.52 3.50 4.50 5.45 6.49	65 FA	4	2Kps.	32'	227	-005

FILE NO.	SP NO.	REMARKS
00		
01		
02		
03		
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U. S. G. S. CONTRACT
NO. 14-08-0001-16219

FILE NO.	SP NO.	REMARKS
50	1692	Los + 5 S.P.
51		
52	1685	SOR# 202 @ 0603
53		
54		
55		
56	1681	NC WD 65 FA
57		
58		
59		
60		
61		
62		
63		
64		
65	1672	
66		
67		
68		
69		
70		
71		
72		
73		
74		
75		
76	1661	NC WD 65 FA
77		
78		
79		
80		
81		
82		
83		
84		
85		
86		
87		
88		
89		
90		
91		
92		
93		
94		
95		
96	1641	NC 65 FA
97		
98		
99		