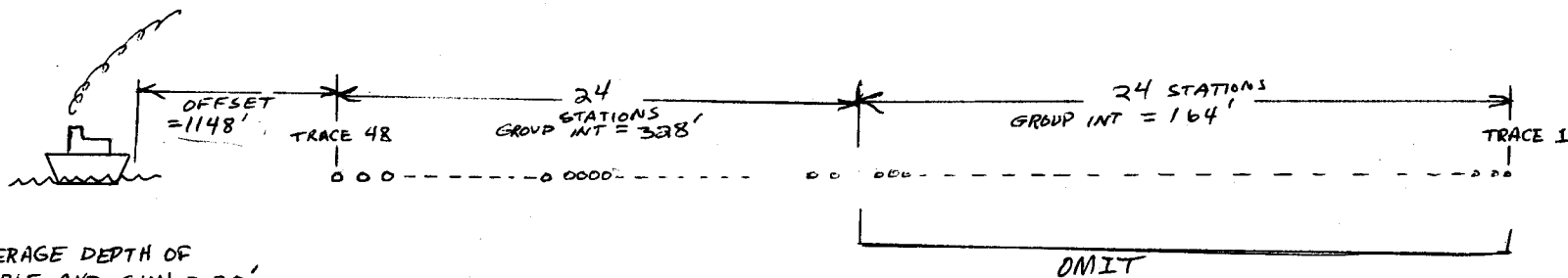


INSTRUMENT TYPE DFS-III
SAMPLE RATE 4 MS

MULTIPLICITY = 36 FOLD

SHOT INTERVAL = 164'



AVERAGE DEPTH OF
CABLE AND GUN = 30'

WATER DEPTH = 180'

EASTERN COAST LINE 6

OBSERVERS MARINE REPORT

Client USGS Type instrument DFS-III Offset distance 346^m 1134'
 Area EAST COAST Record filter 8/18/62 Group interval 328/164
 State NEW JERSEY Sample rate 4 MS Fold coverage 36
 Observer Mc DANIEL gun depth 30' in.³ of guns 1700

Pre-Plot	Shotpoint	File No.	Time	#I dir.	Cable Depth	W.D.	Reel No.	Line No.	Remarks
✓	210	001	1446	NW	52, 60, 60, 56	87'	13956	6	RPM. 725 PAIR
	1	3			48, 45, 54, 56	26.52	B		HEADING 112°
	2	5			16, 18, X, 17				T.P. 5° STB
	3	7			15, 14, X, 17				S.D.B. 4.9
	4	9							
	5	011							RUNNING 10" SEC RECORD
	6	3							RUNNING (11" SEC) RECORD
	7	5							SPICES 9 RECORDS
	8	7							STARTED LINE LATE DUE
	9	9							TO SHALLOW WATER
✓	220	021	1453			87'			
	1	3				26.52			
	2	5							
	3	7							
	4	9							
	5	031							
	6	3							
	7	5							
	8	7							
	9	9							
✓	230	041	1459			87'			
	1	3				26.52			
	2	5							
	3	7							
	4	9							
	5	051							
	6	3							
	7	5							
	8	7							
	9	9							
✓	240	061	1506			114'	13956		LSP-240 LF# 062
	1	3				34.76	13957		FSP-241 FF# 063
	2	5							"A"
	3	7							Screw Prob →
	4	9							
	5	071							SONO BUOY IN WATER -
	6	3							SP-070
	7	5							
	8	7							PICKING UP SCREW NOISE
	9	9							
✓	250	081	1513			114'			
	1	3				34.76			
	2	5							
	3	7							
	4	9							
	5	091							
	6	3							
	7	5							
	8	7							
	259	099							

3-LOT 5904

3-LOT 5905

506-3-68

35P 2-800
1-999, 1-180

M/V COLE SEAL



digicon inc.
HOUSTON, TEXAS

Date 15 SEPT 74

Type Coverage 36 FOLD

MARINE LOG

Area USGS. NEW JERSEY

Shot Point Spacing 328'

Party No. 511 2213

TIME	LINE	SHOT POINTS	D I R	TOTAL SHOT POINTS	MILES	OTHER TIMES				Chargeable TIME	REMARKS	
						TRAVEL	LINE CHANGE	DOWN	SURV.			
												WARNING CABLE (LEAKAGE)
24:00 14:40	6	210	1099 1/2	890	55.28							STARTED LINE LATE DUE TO SHALLOW WATER
												CABLE GOOD GUNS GOOD WEATHER GOOD CLEAR, CALM.
<p>* "A" XPORT *</p> <p>SEEN PROBS RUN ON XPORT 1</p> <p>* set up for reprocessing * 8/15/83</p>												
				890	55.28							TOTALS

TOTAL MEN 26
TOTAL MEALS 78

ACC. MILES PROSPECT 997.27
ACC. MILES FOR MONTH 643.85

[Signature]
PARTY MANAGER

OBSERVERS MARINE REPORT

Client USGS Type instrument DFS-III Offset distance 1134'
 Area EAST COAST Record filter 8/18/62 Group interval 328/164
 State NEW JERSEY Sample rate 4 MS Fold coverage 36
 Observer MC DANIEL gun depth 30' in.³ of guns 1700

Pre-Plot	Shotpoint	File No.	Time	#ldir.	Cable Depth	W.D.	Reel No.	Line No.	Remarks
✓	260	101	1520	NW	45, 53, 60, 60	108'	13957	6	RPM 725
	1	3			64, 57, 58, 58	32.93	"A"		HEADING 1120
	2	5			14, 18, X, 18				T.B. 0°
	3	7			19, 17, X, 18				S.D.B. 4.5
	4	9							
	5	113							
	6	3							PICKING UP SCREW NOISE
	7	5							
	8	7							
	9	9							
✓	270	121	1526			114'			
	1	3			T/C	34.76			LSP-277 LF* 124
	2	5					13958		FR-272 FF 125
	3	7					"B"		
	4	9							
	5	131							
	6	3							
	7	5							
	8	7							
	9	9							
✓	280	141	1532			114'			
	1	3				34.76			
	2	5							
	3	7							
	4	9							
	5	151							
	6	3							SONO BUOY DIED OUT
	7	5							SP-286
	8	7							
	9	9							STILL PICKING UP SCREW
✓	290	161	1539			120'			NOISE
	1	3				36.59			
	2	5							
	3	7							
	4	9							
	5	171							
	6	3							
	7	5							
	8	7							
	9	9							
✓	300	181	1547			120'			SONO BUOY IN WATER
	1	3				36.59			SP-300
	2	5					13959		LSP-301 LF-184
	3	7					"A"		FSP-302 FF-185
	4	9							
	5	191							
	6	3							
	7	5							
	8	7							
	309	199							

OBSERVERS MARINE REPORT

Client USGS Type instrument DFS-III Offset distance 1134'
 Area EAST COAST Record filter 8/18/62 Group interval 328/168
 State NEW JERSEY Sample rate 4 ms Fold coverage 36
 Observer Mc DANIEL gun depth 30' in.³ of guns 1708

Pre-Plot	Shotpoint	File No.	Time	#ldir.	Cable Depth	W.D.	Reel No.	Line No.	Remarks
✓	310	201	1553	NW	45, 58, 60, 58	123'	13959	6	RPM 725
	1	3			60, 56, 57, 58	37.50	"A"		HEADING 120°
	2	5			14, 18, X, 18				T.P. 1° STB
	3	7			18, 17, X, 18				S.O.B. 4.9
	4	9							
	5	211							
	6	3							
	7	5							
	8	7							STILL PICKING UP
	9	9							SCREW NOISE
✓	320	221	1559			120'			
	1	3				36.59			
	2	5							
	3	7							
	4	9							
	5	231							
	6	3							
	7	5							
	8	7							
	9	9							
✓	330	241	1605			126'			
	1	3			T	38.41	13959		LSP-331 LF-244
	2	5			C		13960		FSP-332 FF-245
	3	7					"B"		
	4	9							
	5	251							
	6	3							
	7	5							
	8	7							
	9	9							
✓	340	261	1612			126'			
	1	3				38.41			
	2	5							
	3	7							
	4	9							
	5	271							
	6	3							
	7	5							
	8	7							
	9	9							
✓	350	281	1619			126'			
	1	3				38.41			
	2	5							
	3	7							
	4	9							
	5	291							
	6	3							
	7	5							
	8	7							
	359	29	9						

506-3-68

OBSERVERS MARINE REPORT

Client USGS Type instrument DFS-III Offset distance 1134'
 Area EAST COAST Record filter 8/18/62 Group interval 328/164
 State NEW JERSEY Sample rate 4 MS Fold coverage 56
 Observer Mc DANIEL gun depth 30' in.³ of guns 1700

Pre-Plot	Shotpoint	File No.	Time	#Dir.	Cable Depth	W.D.	Reel No.	Line No.	Remarks
✓	360	301	1626	NW	50, 57, 60, 62	126'	13960	6	RPM 725
	1	3			64, 57, 58, 60	38.41	"B"		HEADING 123°
	2	5			15, 17, X, 19				T.B. 0°
	3	7			19, 17, X, 18				S.O.B. 4.7
	4	9			T/C				LSP-361 LF-304
	5	311					13961		FSP-362 FF-305
	6	3					"A"		
	7	5							
	8	7							PICKING UP SCREW NOISE
	9	9							
✓	370	321	1633			132'			
	1	3				40.24			
	2	5							
	3	7							
	4	9							
	5	331							
	6	3							
	7	5							
	8	7							
	9	9							
✓	380	341	1640			138'			
	1	3				42.07			
	2	5							
	3	7							
	4	9							
	5	351							
	6	3							
	7	5							
	8	7							
	9	9							
✓	390	361	1647			144'			
	1	3			T/C	43.90	13961		LSP-391 LF-364
	2	5					13962		FSP-392 FF-365
	3	7					"B"		
	4	9							
	5	371							
	6	3							
	7	5							
	8	7							
	9	9							
✓	400	381	1654			126'			
	1	3				38.41			
	2	5							
	3	7							
	4	9							
	5	391							
	6	3							
	7	5							
	8	7							
	409	399							

OBSERVERS MARINE REPORT

Client USGS Type instrument DFS-III Offset distance 1134'
 Area EAST COAST Record filter 8/18/62 Group interval 328/164
 State NEW JERSEY Sample rate 4 MS Fold coverage 36
 Observer MCDANIEL gun depth 30' in.³ of guns 1700

Pre-Plot	Spotpoint	File No.	Time	#Dir.	Cable Depth	W.D.	Reel No.	Line No.	Remarks
✓	410	401	1701	NW	50,57,58,62	114'	13962	6	RPM 725
	1	3			65,57,58,58	34.76	'B'		HEADING 119°
	2	5							T.B. N.O.
	3	7			15,17,X,19				S.O.B. 4.8
	4	9			20,17,X,18				
	5	411							
	6	3							PICKING UP SCREW NOISE
	7	5							
	8	7							
	9	9							
✓	420	421	1707			120'			
	1	3			T/	36.59	13962		LSP-421 LF-424
	2	5			/e		13962		FSP-422 FF-425
	3	7					'A'		
	4	9							
	5	431							
	6	3							
	7	5							
	8	7							
	9	9							
✓	430	441	1714			132'			
	1	3				40.24			
	2	5							
	3	7							
	4	9							
	5	451							
	6	3							
	7	5							
	8	7							
	9	9							
✓	440	461	1720			138'			
	1	3				42.07			
	2	5							
	3	7							
	4	9							
	5	471							
	6	3							
	7	5							
	8	7							
	9	9							
✓	450	481	1726			138'			
	1	3			T/	42.07	13963		LSP-451 LF-484
	2	5			/e		13964		FSP-452 FF-485
	3	7					'B'		
	4	9							
	5	491							
	6	3							
	7	5							
	8	7							
	459	499							

D/ISS LOTS 5910

OBSERVERS MARINE REPORT

Client USGS Type instrument DFS-III Offset distance 1134'
 Area EAST COAST Record filter 8/18/62 Group interval 328/164
 State NEW JERSEY Sample rate 4 MS Fold coverage 36
 Observer MCDANIEL gun depth 30' in.³ of guns 1700

Pre-Plot	Shotpoint	File No.	Time	#/dir.	Cable Depth	W.D.	Reel No.	Line No.	Remarks
✓	460	501	1733	NW	52, 58, 58, 61	144'	13964	6	RPM 725
	1	3			64, 57, 56, 56	43.90	"B"		HEADING 114°
	2	5							T.B N.V.
	3	7			16, 18, X, 19				S.O.B. 5.0
	4	9			19, 17, X, 17				
	5	511							
	6	3							
	7	5							
	8	7							
	9	9							
✓	470	521	1740			144'			CONT. Picking up screen
	1	3				43.90			Noise -
	2	5							
	3	7							
	4	9							
	5	531							
	6	3							
	7	5							
	8	7							
	9	9							
✓	480	541	1746			144'			
	1	3				43.90	13964		LAST FILE - 544 Sp 481
	2	5					13965		FIRST FILE - 545 Sp 482
	3	7					"A"		
	4	9							
	5	551							
	6	3							
	7	5							
	8	7							
	9	9							
✓	490	561	1752			147'			
	1	3				44.82			
	2	5							
	3	7							
	4	9							
	5	571							
	6	3							
	7	5							
	8	7							
	9	9							
✓	500	581	1758			144'			
	1	3				43.90			
	2	5							
	3	7							
	4	9							
	5	591							
	6	3							
	7	5							
	8	7							
	509	599							

OBSERVERS MARINE REPORT

Client USGS Type instrument DFS-III Offset distance 1134'
 Area EAST COAST Record filter 8/18/62 Group interval 328/164
 State NEW JERSEY Sample rate 4 ms Fold coverage 36
 Observer MC DANIEL gun depth 30' in.³ of guns 1700³IN

Pre-Plot	Spotpoint	File No.	Time	#Dir.	Cable Depth	W.D.	Reel No.	Line No.	Remarks
✓	510	601	1805	NW	52, 58, 58, 60	147'	13965	6	RPM 725 Pr.
	1	3			62, 57, 56, 52	44.82	"A"		HEADING 115°
	2	5			T/E		13966		T.B. N.V.
	3	7					13966		S.O.B. 5.1
	4	9					"B"		
	5	611			16, 18, X, 18				
	6	3			19, 17, X, 17				
	7	5							LAST FILE - 606 SP-512
	8	7							FIRST FILE - 607 SP-513
	9	9							FILE 611 Priority Error
✓	520	621	1811			147'			✓ 615 & 616 ✓
	1	3				44.82			
	2	5							
	3	7							
	4	9							
	5	631							
	6	3							
	7	5							
	8	7							
	9	9							
✓	530	641	1817			150'			
	1	3				45.73			
	2	5							
	3	7							
	4	9							
	5	651							
	6	3							
	7	5							
	8	7							
	9	9							
✓	540	661	1824			150'			
	1	3				45.73			
	2	5			T/E		13966		LSP-542 LF-666
	3	7			T/E		13967		FSP-543 FF-667
	4	9					A		
	5	671							
	6	3							
	7	5							
	8	7							
	9	9							
✓	550	681	1730			156'			
	1	3				47.56			SOUND BUOY ON WATER
	2	5							SP-550 -
	3	7							
	4	9							
	5	691							
	6	3							
	7	5							
	8	7							
	559	699							

SHOT 5913

SHOT 5914

OBSERVERS MARINE REPORT

Client USGS Type instrument DFS-III Offset distance 1134'
 Area EAST COAST Record filter 8-18-62 Group interval 328/164
 State NEW JERSEY Sample rate AMS. Fold coverage 36
 Observer McDANIEL gun depth 30' in.³ of guns 1590
~~1700~~

Pre-Plot	Shotpoint	File No.	Time	#dir.	Cable Depth	W.D.	Reel No.	Line No.	Remarks
✓	560	701	1836	NW	52, 57, 59, 60	156'	13967	6	RPM 725
	1	3			66, 57, 59, 58	47.56	"A"		HEADING 118°
	2	5			16, 17, X, 18				T.B. N.U.
	3	7			20, 17, X, 18				S.O.B. 5.1
	4	9							
	5	711							
	6	3							
	7	5							
	8	7							PICKING UP SCREW NOUSE
	9	9							
✓	570	721	1843			156'			
	1	3				47.56			
	2	5			T/C		13967		LSP-572 LF-726
	3	7			T/C		13968		FSP-573 FF-727
	4	9					'B'		
	5	731							
	6	3							
	7	5							
	8	7							
	9	9							
✓	580	741	1849			159'			
	1	3				48.48			
	2	5							
	3	7							
	4	9							
	5	751							
	6	3							
	7	5							
	8	7							
	9	9							
✓	590	761	1855			150'			
	1	3				45.73			
	2	5							
	3	7							
	4	9							
	5	771							
	6	3							
	7	5							
	8	7							
	9	9							
✓	600	781	1901			150'			
	1	3				45.73			
	2	5			T/C		13968		LSP-602 LF-786
	3	7			T/C		13969		FSP-603 FF-787
	4	9					'A'		
	5	791							
	6	3							
	7	5							
	8	7							
	609	799							

SLOT 5915

OBSERVERS MARINE REPORT

Client USGS Type instrument DFS-III Offset distance 1134'
 Area EAST COAST Record filter 8/18/62 Group interval 328/164
 State NEW JERSEY Sample rate 4 MS Fold coverage 36
 Observer MC DANIEL gun depth 30' in.³ of guns 1590
1700

Pre-Plot	Shotpoint	File No.	Time	#/dir.	Cable Depth	W.D.	Reel No.	Line No.	Remarks
✓	610	801	1907	NW	50, 58, 59, 62	156'	13969	6	RPM 725
	1	3			66, 56, 56, 56	47.56	"A"		HEADING 120°
	2	5			15, 18, X, 19				TR N.V.
	3	7			20, 17, X, 17				S.O.B 5.4
	4	9							
	5	811							
	6	3							
	7	5							
	8	7							
	9	9							
✓	620	821	1913			150'			
	1	3				45.73			
	2	5							
	3	7							
	4	9							
	5	831							
	6	3							
	7	5							
	8	7							
	9	9							
✓	630	841	1918			156'			
	1	3				47.56			
	2	5			T/C		13969		LSP-632 LF-846
	3	7			T/C		13970		FSP-633 FF-847
	4	9					"B"		
	5	851							PICKING UP SCREW NOISE
	6	3							
	7	5							
	8	7							
	9	9							
✓	640	861	1924			156'			
	1	3				47.56			
	2	5							
	3	7							
	4	9							
	5	871							
	6	3							
	7	5							
	8	7							
	9	9							
✓	650	881	1930			156'			
	1	3				47.56			
	2	5							
	3	7							
	4	9							
	5	891							
	6	3							
	7	5							
	8	7							
	659	899							

9/65 59/6
 10/5
 5/65 59/7

506-3-68

OBSERVERS MARINE REPORT

Client USGS Type instrument DFS III Offset distance 1134'
 Area EAST COAST Record filter 8/18/62 Group interval 328/164
 State NEW JERSEY Sample rate 4 MS. Fold coverage 36
 Observer MR DANIEL gun depth 30' in.³ of guns 1590
~~1700~~

Pre-Plot	Shotpoint	File No.	Time	#/dir.	Cable Depth	W.D.	Reel No.	Line No.	Remarks
✓	660	901	1936	NW	50, 57, 58, 58	156'	13970	6	RPM 700
	1	3			64, 56, 53, 50	47.56	"B"		HEADING 123°
	2	5			15, 17, X, 18				T.B. N.V.
	3	7			19, 17, X, 15				S.O.B. 5.6
	4	9							
	5	911			T/		13970		LSP - 662 LF - 906
	6	3			IC		13971		FSP - 663 FF - 907
	7	5					"A"		
	8	7							
	9	9							
✓	670	921	1942			156'			
	1	3				47.56			
	2	5							
	3	7							
	4	9							
	5	931							
	6	3							
	7	5							
	8	7							
	9	9							
✓	680	941	1948			156'			
	1	3				47.56			
	2	5							
	3	7							
	4	9							
	5	951							
	6	3							
	7	5							
	8	7							
	9	9							
✓	690	961	1954			144'			
	1	3				43.90			966
	2	5			T/		13971		LF - 966
	3	7			IC		13972		FSP - 693 FF - 967
	4	9					"B"		967
	5	971							
	6	3							
	7	5							
	8	7							
	9	9							
✓	700	981	2000			144'			
	1	3				43.90			
	2	5							
	3	7							
	4	9							
	5	991							
	6	3							
	7	5							
	8	7							
	709	999							

SLOT 5918

SLOT 5919

OBSERVERS MARINE REPORT

Client USGS Type instrument DFS-III Offset distance 1134'
 Area EAST COAST Record filter 8/18/62 Group interval 328/164
 State NEW JERSEY Sample rate 4 MS Fold coverage 36
 Observer Mc DANIEL gun depth 30' in.³ of guns 1590

Pre-Plot	Shotpoint	File No.	Time	#Dir.	Cable Depth	W.D.	Reel No.	Line No.	Remarks
✓	710	001	2007	NW	52, 58, 59, 62	144'	13972	6	EPM 700 725
	1	3			46, 52, 57, 59	43.90	"B"		HEADING 120°
	2	5			16, 18, X, 19				T.B. NU.
	3	7			20, 17, X, 17				S.O.B. 5.3
	4	9							
	5	011							
	6	3							
	7	5							
	8	7							
	9	9							
✓	720	021	2012			150'			
	1	3				45.73			
	2	5							LSP - 722 LF - 026
	3	7					13973		FSP - 723 FF - 027
	4	9					"A"		
	5	031							
	6	3							
	7	5							
	8	7							
	9	9							
✓	730	041	2018			150'			
	1	3				45.73			
	2	5							
	3	7							
	4	9							
	5	051							
	6	3							
	7	5							
	8	7							
	9	9							
✓	740	061	2024			150'			
	1	3				45.73			
	2	5							
	3	7							
	4	9							
	5	071							
	6	3							
	7	5							SHOOTING 1700 IN ³
	8	7							
	9	9							
✓	750	081	2030			156'			
	1	3				47.56			
	2	5					13973		LSP - 752 LF - 086
	3	7					13974		FSP - 753 FF - 087
	4	9					"B"		
	5	091							
	6	3							
	7	5							
	8	7							
	759	099							

SHOT 5920

OBSERVERS MARINE REPORT

Client USGS Type instrument DFS-III Offset distance 1134'
 Area EAST COAST Record filter 8/18/62 Group interval 328/164
 State NEW JERSEY Sample rate 4 MS Fold coverage 36
 Observer MCDANIEL gun depth 30' in.³ of guns 1700

Pre-Plot	Shotpoint	File No.	Time	#idir.	Cable Depth	W.D.	Reel No.	Line No.	Remarks
✓	760	101	2036	NW	49, 58, 60, 62	156'	13974	6	RPM 725
	1	3			64, 57, 57, 57	47.56	"B"		HEADING 124°
	2	5			15, 18, X, 19				T.B. N.V.
	3	7			19, 17, X, 17				S.O.P. 5.3
	4	9							
	5	111							
	6	3							
	7	5							
	8	7							
	9	9							
✓	770	121	2043			156'			
	1	3				47.56			
	2	5							
	3	7							
	4	9							
	5	131							
	6	3							
	7	5							
	8	7							
	9	9							
✓	780	141	2048			162'			
	1	3				49.39			
	2	5			T/C		13974		LSP-782 LF-146
	3	7			C		13975		FSP-783 FF-147
	4	9					"A"		
	5	151							
	6	3							
	7	5							
	8	7							
	9	9							
✓	790	161	2054			162'			
	1	3				49.39			
	2	5							
	3	7							
	4	9							
	5	171							
	6	3							
	7	5							
	8	7							
	9	9							
STOP ✓	800	181	2100			162'			
	1	3				49.39			
	2	5							
	3	7							
	4	9							
	5	191							
	6	3							
	7	5							
	8	7							
	809	199							

1860
510T
5921
510T
5921

rec # 181
↓
61Y

OBSERVERS MARINE REPORT

Client USGS Type instrument DFS-III Offset distance 1134'
 Area EAST COAST Record filter 8/18/62 Group interval 328/164
 State NEW JERSEY Sample rate 4 MS. Fold coverage 36
 Observer MC DANIEL gun depth 30' in.³ of guns 1700

Pre-Plot	Shotpoint	File No.	Time	#/dir.	Cable Depth	W.D.	Reel No.	Line No.	Remarks
	810	201	2106	NW	50, 58, 59, 60	168'	13975	6	RPM 700
	1	3			64, 55, 56, 58	51.22	A		HEADING 122°
	2	5							T.B. N.U.
	3	7							S.O.B. 5.6
	4	9							
	5	211			T/C		13975		LSP-812 LF-206
	6	3					13976		FSP-813 FF-207
	7	5					"B"		
	8	7							
	9	9							
✓	820	221	2112			174'			
	1	3				53.05			
	2	5							
	3	7							
	4	9							
	5	231							REDUCE SPEED 50 RPM TO 675 RPM PAIR
	6	3							
	7	5							
	8	7							
	9	9							
✓	830	241	2117			174'			
	1	3				53.05			
	2	5							
	3	7							
	4	9							
	5	251							
	6	3							
	7	5							
	8	7							
	9	9							
✓	840	261	2123			180'			
	1	3				54.88			SONO BUOY IN WATER - SP-840
	2	5			T/C		13976		LSP-842 LF-266
	3	7			T/C		13977		FSP-843 FF-267
	4	9					"A"		
	5	271							
	6	3							
	7	5							
	8	7							
	9	9							
✓	850	281	2129			192'			
	1	3				58.54			
	2	5							
	3	7							
	4	9							
	5	291							
	6	3							
	7	5							
	8	7							
	859	299							

SLOTT 5923
 SLOTT 5924
 WY

OBSERVERS MARINE REPORT

Client USGS Type instrument DFS-III Offset distance 1134'
 Area EAST COAST Record filter 8/18/62 Group interval 328/164
 State NEW JERSEY Sample rate 4 ms. Fold coverage 36
 Observer Mc DANIEL gun depth 30' in.³ of guns 1700

Pre-Plot	Shotpoint	File No.	Time	#Dir.	Cable Depth	W.D.	Reel No.	Line No.	Remarks
✓	860	301	21.35	NW	51,55,58,58	186'	13977	6	RPM 675
	1	3			62,54,56,60	56.71	"A"		HEADING 121°
	2	5							T.B. N.V.
	3	7							S.O.B. 5.3
	4	9							
	5	311							
	6	3							
	7	5							
	8	7							
	9	9							
✓	870	321	21.42			186'			
	1	3				56.71			
	2	5					13977		LSP-872 LF-326
	3	7			T/C		13978		FSP-873 FF-327
	4	9					"B"		
	5	331							
	6	3							
	7	5							
	8	7							
	9	9							
✓	880	341	21.48			198'			
	1	3				60.37			
	2	5							
	3	7							
	4	9							
	5	351							
	6	3							
	7	5							
	8	7							
	9	9							
✓	890	361	21.54			198'			
	1	3				60.37			
	2	5							
	3	7							
	4	9							
	5	371							
	6	3							
	7	5							
	8	7							
	9	9							
✓	900	381	22.00			198'			
	1	3				60.37			
	2	5					13978		LSP-902 LF-386
	3	7			T/C		13979		FSP-903 FF-387
	4	9					"A"		
	5	391							
	6	3							
	7	5							
	8	7							
	909	399							

611

SHOT 5925

OBSERVERS MARINE REPORT

Client USGS Type instrument DFS-III Offset distance 1134'
 Area EAST COAST Record filter 8/18/62 Group interval 328/169
 State NEW JERSEY Sample rate 4 ms. Fold coverage 36
 Observer Mc DANIEL gun depth 30' in.³ of guns 1700

Pre-Plot	Shotpoint	File No.	Time	#ldir.	Cable Depth	W.D.	Reel No.	Line No.	Remarks
✓	910	401	2206	NW	50,58,60,58	210	13979	6	RPM 675
	1	3			63,56,57,60	14.02	"A"		HEADING 120°
	2	5							T.B. N.V.
	3	7							S.O.B. 5.4
	4	9							
	5	411							
	6	3							
	7	5							
	8	7							
	9	9							
✓	920	421	2212			204'			
	1	3				62.20			
	2	5							
	3	7							
	4	9							
	5	431							
	6	3							
	7	5							
	8	7							
	9	9							
✓	930	441	2217			204'			
	1	3				62.20			
	2	5					13979		LSP-932 LF-446
	3	7			T/C		13980		FSP-933 FF-447
	4	9					"B"		
	5	451							
	6	3							
	7	5							
	8	7							
	9	9							
✓	940	461	2224			198'			
	1	3				60.37			
	2	5							
	3	7							
	4	9							
	5	471							
	6	3							
	7	5							
	8	7							
	9	9							
✓	950	481	2230			192'			
	1	3				58.54			
	2	5							
	3	7							
	4	9							
	5	491							
	6	3							
	7	5							
	8	7							
	959	499							

SLOT 5026

SLOT 14988

414

OBSERVERS MARINE REPORT

Client USGS Type instrument DF5 III Offset distance 1134'
 Area EAST COAST Record filter 8/18/62 Group interval 328/164
 State NEW JERSEY Sample rate 4 ms Fold coverage 36
 Observer Mc DANIEL gun depth 30' in.³ of guns 1700

Pre-Plot	Shotpoint	File No.	Time	#/dir.	Cable Depth	W.D.	Reel No.	Line No.	Remarks
✓	960	501	2236	NW	50,56,58,59	186'	13980	6	RPM 675
	1	3			64,57,58,60	56.71	"B"		HEADING 120°
	2	5							T.B. N.V.
	3	7							S.O.B. 5.4
	4	9							
	5	511			T/c		13980		LSP-962 LF-506
	6	3					13981		FSP-963 FF-507
	7	5					"A"		
	8	7							
	9	9							
✓	970	521	2242			186'			
	1	3				56.71			
	2	5							
	3	7							
	4	9							
	5	531							
	6	3							
	7	5							
	8	7							
	9	9							
✓	980	541	2248			198'			
	1	3				60.37			
	2	5							
	3	7							
	4	9							
	5	551							
	6	3							
	7	5							
	8	7							
	9	9							
✓	990	561	2254			204'			
	1	3				62.20			
	2	5			T/c		13981		LSP-992 LF-566
	3	7			T/c		13982		FSP-993 FF-567
	4	9					"B"		
	5	571							
	6	3							
	7	5							
	8	7							
	9	9							
✓	1000	581	2259			222'			
	1	3				67.68			
	2	5							
	3	7							
	4	9							
	5	591							
	6	3							
	7	5							
	8	7							
	1009	599							

614

LESS
SLOT 5927

SLOT 5928

OBSERVERS MARINE REPORT

Client USGS Type instrument DFS-III Offset distance 1134'
 Area EAST COAST Record filter 8/18/62 Group interval 328/164
 State NEW JERSEY Sample rate 4 MS Fold coverage 36
 Observer MC DANIEL gun depth 30' in.³ of guns 1700³₁₄

Pre-Plot	Shotpoint	File No.	Time	#/dir.	Cable Depth	W.D.	Reel No.	Line No.	Remarks
✓	1010	601	1125	NW	53, 58, 60, 61	240	13982	6	RPM 625
	1	3			63, 58, 60, 63	73.17	"B"		HEADING 112°
	2	5							T.B. N.I.
	3	7							S.O.B. 5.1
	4	9							
	5	611							INCREASE SPEED TO
	6	3							650 RPM - PR.
	7	5							
	8	7							SHOOTING 1390 IN ³ DUE
	9	9							TO CHECK GUNS
✓	1020	621	2311			231'			
	1	3				70.43			
	2	5					13982		LSP - 1022 - LF 626
	3	7					13983		FSP - 1023 - FF 627
	4	9					"A"		
	5	631							
	6	3							
	7	5							
	8	7							
	9	9							
✓	1030	641	2318			216'			
	1	3				65.95			
	2	5							
	3	7							
	4	9							
	5	651							
	6	3							FILE 653 PARTY ERROR
	7	5							
	8	7							
	9	9							
✓	1040	661	2324			234'			
	1	3				71.34			
	2	5							
	3	7							
	4	9							
	5	671							
	6	3							
	7	5							
	8	7							
	9	9							
✓	1050	681	2331			228'			
	1	3				69.51			
	2	5					13983		LSP - 1052 LF - 686
	3	7					13984		FSP - 1053 FF - 687
	4	9					"B"		
	5	691							
	6	3							
	7	5							
	8	7							
	9	9							
	1059	699							

614

GROSS LOTS

OBSERVERS MARINE REPORT

Client USGS Type instrument DFS-III Offset distance 1134'
 Area EAST COAST Record filter 8/18/62 Group interval 328/164
 State NEW JERSEY Sample rate 4ms Fold coverage 36
 Observer Mc DANIEL gun depth 30' in.³ of guns 1390

Pre-Plot	Shotpoint	File No.	Time	#/dir.	Cable Depth	W.D.	Reel No.	Line No.	Remarks
✓	1060	701	2337	NW	51,58,60,66	228'	13984	6	RPM 650
	1	3			69,57,58,63	69.51	"B"		HEADING 110°
	2	5							T.B. N.V.
	3	7							S.O.B 5.0
	4	9							
	5	711							
	6	3							
	7	5							
	8	7							
	9	9							
✓	1070	721	2343			234'			
	1	3				71.34			
	2	5							
	3	7							
	4	9							
	5	731							
	6	3							
	7	5							
	8	7							
	9	9							
✓	1080	741	2349			240'			
	1	3				73.17			
	2	5			T/C		13984		LSP-1082 LF-746
	3	7			/C		13985		FSP-1083 FF-747
	4	9					"A"		
	5	751							
	6	3							
	7	5							
	8	7							
	9	9							
✓	1090	761	2355			253			
	1	3				77.13			
	2	5							
	3	7							
	4	9							
	5	771							
	6	3							
	7	5							
	8	7							
	9	9							
	1100	781			END OF DAY				
	1	3							
	2	5							
	3	7							
	4	9							
	5	791							
	6	3							
	7	5							
	8	7							
	1109	799							

614

SLOT 5930

SLOT 5931

OBSERVERS MARINE REPORT

Client USGS Type instrument DFS-III Offset distance 346M 1134'
 Area EAST COAST Record filter 8/18/62 Group interval 328/164
 State NEW JERSEY Sample rate 4 MS. Fold coverage 36
 Observer ~~XXXXXXXXXX~~ HINES gun depth 30' in.³ of guns 1390

Pre-Plot	Shotpoint	File No.	Time	#/dir.	Cable Depth	W.D.	Reel No.	Line No.	Remarks
✓	1100	781	0002	NW	50, 58, 59, 60	252'	13985	6	RPM - 650 PAIR
	1	3			62, 55, 60, 63		A		HEADING - 109°
	2	5			15 17 X 18	76.83			T.B. - N.U.
	3	7			19 16 X 19				S.O.B. - 5.0
	4	9							
	5	791							
	6	3							
	7	5							
	8	7							
	9	9							
✓	1110	801	0009			264'			
	1	3				80.49			
	2	5							
	3	7			T/C		13985		LF-808 LSP-1113
	4	9			T/C		13986		FF-809 FSP-1114
	5	811					B		
	6	3							
	7	5							
	8	7							
	9	9							
✓	1120	821	0016			270'			
	1	3				82.32			
	2	5							
	3	7							
	4	9							
	5	831							
	6	3							
	7	5							
	8	7							
	9	9							
✓	1130	841	0023			267'			
	1	3				81.40			
	2	5							
	3	7							
	4	9							
	5	851							
	6	3							
	7	5							
	8	7							
	9	9							
✓	1140	861	0030			270'			
	1	3				82.32			
	2	5							
	3	7							
	4	9			T/C				LF 870 LSP 1144
	5	871			T/C		13987		FF 871 FSP 1145
	6	3					A		
	7	5							
	8	7							
	1149	9							

614

506-3-68

M/V GULF SEAL



66
 digicon inc.
 HOUSTON, TEXAS

Date 16 SEPT 77

Type Coverage 3/4 FOLD

MARINE LOG ADMS

Area USGS NEW JERSEY

Shot Point Spacing 328'

Party No. 511 2-298

TIME	LINE	SHOT POINTS	D I R	TOTAL SHOT POINTS	MILES	OTHER TIMES				Chargeable TIME	REMARKS
						TRAVEL	LINE CHANGE	DOWN	SURV.		
01:55 00:01	6	1258 1100	5/6	159	9.88						CIRCLE-FISHING VESSELS.
03:24 03:14	6	1258A 1240A	5/6	-	-						"A" SHOTS-OVERLAP
24:00 03:24	6	1259 3000	5/6	1742	108.20						END DAY 16/SEPT.
											WEATHER - GOOD
											SEAS - CALM.
											HEAVY CURRENT
											UP TO 5 1/2 KNOTS.
											60° CRAB ANGLE.
											GUN & CABLE GOOD.
											1100 -
											2489
											1-29
				1901	118.08						TOTALS

TOTAL MEN 26
 TOTAL MEALS 78

ACC. MILES PROSPECT 610.35
 ACC. MILES FOR MONTH 761.92

[Signature]
 PARTY MANAGER

OBSERVERS MARINE REPORT

Client USGS Type instrument DFS III Offset distance 1134'
 Area EAST COAST Record filter 0-18/62 Group interval 328/164
 State NEW JERSEY Sample rate 4MS. Fold coverage 36
 Observer HINES gun depth 30' in.³ of guns 1390

Pre-Plot	Shotpoint	File No.	Time	#/dir.	Cable Depth	W.D.	Reel No.	Line No.	Remarks
✓	1150	881	0036	M/W	51565755	276'	13987	6	RPM-650 PAIR
	1	3			56,5953,59	24.15	'A'		HEAD-117
	2	5			15 16 X 16				T.B.-N.V.
	3	7			16 X 17 X 17				S.O.B.-5.0
	4	9							
	5	891							PARITY ERROR - FILE 889
	6	3							
	7	5							
	8	7							
	9	9							
✓	1160	901	0043			276'			
	1	3				24.15			
	2	5							
	3	7							
	4	9							
	5	911							
	6	3							
	7	5							
	8	7							
	9	9							
✓	1170	921	0049			282'			
	1	3				25.98			
	2	5							
	3	7							
	4	9							
	5	931					13988		LF 930 LSP 1174
	6	3					'B'		FF 931 FSP 1175
	7	5							
	8	7							
	9	9							
✓	1180	941	0056			300'			
	1	3				21.16			
	2	5							
	3	7							
	4	9							
	5	951							
	6	3							
	7	5							
	8	7							
	9	9							
✓	1190	961	0103			312'			
	1	3				25.12			
	2	5							
	3	7							
	4	9							
	5	971							
	6	3							
	7	5							
	8	7							
	1199	979							

OBSERVERS MARINE REPORT

Client USGS Type instrument DFS III Offset distance 1134'
 Area EAST COAST Record filter 8-18-62 Group interval 328/164
 State NEW JERSEY Sample rate 4MS Fold coverage 36
 Observer HINES gun depth 30' in.³ of guns 1390

Pre-Plot	Shotpoint	File No.	Time	#dir.	Cable Depth	W.D.	Reel No.	Line No.	Remarks
✓	1200	981	0110	NW	51,55,58,56	336	13988	6	RPM'S - 650 PAIR
	1	3			58,52,55,58	102.44	'B'		HEADING - 120
	2	5			15, 16, X 16				TAIL BUOY - N.V.
	3	7			17, 15, X 17				SDB - 4.7
	4	9							
	5	991			T/C				LF 992 LSP 1205
	6	3			T/C		13989		FF 993 FSP 1206
	7	5					'A'		* NOW SHOOTING WITH
	8	7							1700 in ³ ON GUNS.
✓	1210	001	0117	← 1)		360'			
	1	3				109.76			
	2	5							
	3	7							
	4	9							
	5	011							
	6	3							
	7	5							
	8	7							
	9	9							
✓	1220	021	0124			354'			
	1	3				107.93			
	2	5							
	3	7							
	4	9							
	5	031							
	6	3							
	7	5							
	8	7							
	9	9							
✓	1230	041	0132			354'			
	1	3				107.93			
	2	5							
	3	7							
	4	9							
	5	051							
	6	3			T/C		13989		LF - 054 LSP - 1236
	7	5			T/C		13990		FF - 055 FSP - 1237
	8	7					'B'		
	9	9							INCREASE TO 700
	1240	061	0141			366'			ON A PAIR. TURNING
	1	3				111.59			3° STB. MAX OFF
	2	5							LINE - 900'
	3	7							* SPEED UP TO 800
	4	9							ON A PAIR. 3° MORE
	5	071							STB. GETTING BACK
	6	3							ON LINE.
	7	5			(076)				3° MORE STB.
	8	7							
	1249	079							PARITY - FILE #073

506-3-68

OBSERVERS MARINE REPORT

Client U.S.G.S Type instrument DFS III Offset distance 1134'
 Area EAST COAST Record filter 8-18/62 Group interval 328/164
 State NEW JERSEY Sample rate 4ms. Fold coverage 36
 Observer HINES gun depth 30' in.³ of guns 1700

Pre-Plot	Shotpoint	File No.	Time	#/dir.	Cable Depth	W.D.	Reel No.	Line No.	Remarks
▲	1240	001	0314	N/W	50, 52, 55, 56	366'	13990	6	RPM - 725/750 ↑
	1	3			60, 52, 51, 50	111.59	B		HEAD - 120°
	2	5			15, 15 X 16				T.B. - 0°
	3	7			16, 15 X 15				S.O.B. - 5.3 62Y
	4	9							
	5	011							
	6	3							
	7	5			T/		13990		LF-016 LSP-247A
	8	7			/C		13991		FF-017 FSP-248A
	9	9					A		
✓	1250	021	0320			414'			
	1	3				126.22			
	2	5							
	3	7							
	4	9							
	5	031							
	6	3							
	7	5							
	8	7	**						* SP# 1258 - LAST "A" SHOT.
	9	9							
✓	1260	041	0325			402'			
	1	3				122.56			
	2	5							
	3	7							
	4	9							
	5	051							
	6	3							
	7	5							
	8	7							
	9	9							
✓	1270	061	0331			426'			
	1	3				129.88			
	2	5							
	3	7							
	4	9							
	5	071							
	6	3							
	7	5							
	8	7					13991		LF-078 LSP-1278
	9	9					13992		FF-079 FSP-1279
✓	1280	081	0338			666'			
	1	3				203.05			
	2	5							
	3	7							
	4	9							
	5	091							
	6	3							
	7	5							
	8	7							
	1289	099							

OBSERVERS MARINE REPORT

Client USGS Type instrument DFS AT Offset distance 1134'
 Area EAST COAST Record filter 8-18-62 Group interval 328/164
 State NEW JERSEY Sample rate 4MS Fold coverage 36
 Observer HINES gun depth 30' in.³ of guns 1700

Pre-Plot	Shotpoint	File No.	Time	#/dir.	Cable Depth	W.D.	Reel No.	Line No.	Remarks
✓	1250	089	0150	NW	4954, 5655	414'	13990	6	RPNL - 800 PAIR
	1	3			51, 44, 46, 46	126.22	B		HEAD - 123°
	2	5			14, 15 X 15				T.B. - N.V.
	3	7			15, 13 X 13				S.O.B. - 6.1
	4	9							
	5	091							FILE # 084 - SLOW
	6	3							TO 550 ON A PAIR.
	7	5							
	8	7	0155			396'			LF - 098 LSP - 1258
	9	9							
	1260	101							STOP SHOOTING
	1	3							HEAVY TRAFFIC
	2	5							
	3	7							
	4	9							
	5	111							
	6	3							
	7	5							
	8	7							
	9	9							
	1270	121							
	1	3							
	2	5							
	3	7							
	4	9							
	5	131							
	6	3							
	7	5							
	8	7							
	9	9							
	1280	141							
	1	3							
	2	5							
	3	7							
	4	9							
	5	151							
	6	3							
	7	5							
	8	7							
	9	9							
	1290	161							
	1	3							
	2	5							
	3	7							
	4	9							
	5	171							
	6	3							
	7	5							
	8	7							
	9	9							
	1299	179							

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OBSERVERS MARINE REPORT

Client USGS Type instrument DFS III Offset distance 1134'
 Area EAST COAST Record filter 8-18/62 Group interval 328/164
 State N.J. Sample rate 4MS. Fold coverage 36
 Observer HINES gun depth 30' ~~8-18/62~~ in.³ of guns 1700

Pre-Plot	Shotpoint	File No.	Time	#/dir.	Cable Depth	W.D.	Reel No.	Line No.	Remarks
✓	1290	101	0344	N/W	4954,5956	1008'	13992	6	BPM - 725 / 750
	1	3			60,54,55,56	307.32	B		HEAD - 120°
	2	3							T.B. - 0°
	3	7							S.O.B. - 5.5 (W.T.)
	4	9							
	5	111							
	6	3							SLOW TO 700 ON
	7	5							A PAIR.
	8	7							
	9	9							
✓	1300	121	0350			1344'			
	1	3				409.76			
	2	3							SP # 1302 - BOTH FILES ARE 126. FILE # 125 DOES NOT EXIST.
	3	3							
	4	9							
	5	131							
	6	3							
	7	3							FILE # 135 NO GOOD.
	8	7							
	9	9					13992		LF-141 LSP-1310
	1310	141			T/C				
	1	3	0356			1600'			FF-142 FSP-1310
	2	5				487.80			
	3	7					13993		SPLIT SP # 1310 DUE TO TAPE CHANGE.
	4	9					A		
	5	151							
	6	3							
	7	5							
	8	7							
	9	9							
✓	1320	161	0401			1950'			
	1	3				544.51			
	2	5							
	3	7							
	4	9							
	5	171							
	6	3							
	7	5							
	8	7							
	9	9							
✓	1330	181	0407			2500'			
	1	3				762.20			
	2	5							
	3	7							
	4	9							
	5	191							
	6	3							194
	7	5							FILE # 194 - START 12 SECOND RECORDS.
	8	7							
	1339	199							

OBSERVERS MARINE REPORT

Client USGS Type instrument DFS III Offset distance 1134'
 Area E. COAST Record filter 8-18/62 Group interval 328/164
 State N.J. Sample rate 4ms. Fold coverage 36
 Observer HINES gun depth 30' in.³ of guns 1700

Pre-Plot	Shotpoint	File No.	Time	# dir.	Cable Depth	W.D.	Reel No.	Line No.	Remarks
✓	1340	201	0413	NW	T/C	3150'	13993	6	RPM - 700 PAIR
	1	3			IC	960.37	13994		HEAD - 118°
	2	5					B		T.B. - N.V.
	3	7							S.D.B. - 5.0 (W.T.)
	4	9			50, 51, 56, 57				
	5	211			60, 52, 54, 58				
	6	3							LF-202 LSP-1340
	7	5							FF-203 FSP-1341
	8	7							
	9	9							
✓	1350	221	0420			3300'			
	1	3				1006.10			
	2	5							
	3	7							
	4	9							
	5	231							
	6	3							
	7	5							
	8	7							
	9	9							
✓	1360	241	0426			3875'			
	1	3				1181.40			
	2	5							
	3	7							
	4	9							
	5	251							
	6	3							
	7	5							
	8	7			T/C		13994		LF-258 LSP-1368
	9	9			IC		13995		FF-259 FSP-1369
✓	1370	261	0432			4625'	A		
	1	3				1410.06			
	2	5							
	3	7							
	4	9							
	5	271							
	6	3							
	7	5							
	8	7							
	9	9							
✓	1380	281	0438			5000'			
	1	3				1524.39			
	2	5							
	3	7							
	4	9							
	5	291							
	6	3							
	7	5							
	8	7							
	1380	299							

021

SLOT 18641

SLOT 18642

* FILE # 285 - CHANGE TO 13 SECOND RECORD.

SLOW TO 675 ON A PAIR.

OBSERVERS MARINE REPORT

Client USGS Type instrument DFS III Offset distance 1134'
 Area E. COAST Record filter 8-18/62 Group interval 328/164
 State N.J. Sample rate 4ms. Fold coverage 36
 Observer HINES gun depth 30' in.³ of guns 1700

Pre-Plot	Shotpoint	File No.	Time	#/dir.	Cable Depth	W.D.	Reel No.	Line No.	Remarks
✓	1390	301	0443	N/W	50, 54, 58, 56 60, 52, 56, 59	5100' 1534.88	13995 "B"	6	RPM - 67.8 FAIR HEAD - 115° T.B. - N.U. S.O.B. - 5.0 (W.T.)
	1	3							
	2	5							
	3	7							
	4	9					A		
	5	311			T/		13995		LF-312 LSP-1395
	6	3			I/C		13996		FF-313 FSP-1396
	7	5					B		
	8	7					13996		
	9	9					B		
✓	1400	321	0449			5715			
	1	3				1608.23			
	2	5							
	3	7							PICKING UP SLIGHT AMOUNT OF SCREW NOISE.
	4	9							
	5	331							
	6	3							
	7	5							
	8	7							
	9	9							
✓	1410	341	0457			5600			
	1	3				1707.32			
	2	5							
	3	7							
	4	9							
	5	351							
	6	3							
	7	5							
	8	7							
	9	9							
✓	1420	361	0503			5850			
	1	3			T/	1783.54	13996		LF-364 LSP-1421
	2	5			I/C		13997		FF-365 FSP-1422
	3	7					A		
	4	9							
	5	371							
	6	3							
	7	5							
	8	7							
	9	9							
✓	1430	381	0509			6175			
	1	3				1882.62			
	2	5							
	3	7							
	4	9							
	5	391							
	6	3							
	7	5							
	8	7							
	1439	399							

021

OBSERVERS MARINE REPORT

Client USGS Type instrument DFS III Offset distance 1134'
 Area E. COAST Record filter 8-18/62 Group interval 328/164
 State N. J. Sample rate 4ms. Fold coverage 36
 Observer HINES gun depth 30' in.³ of guns 1700

Pre-Plot	Shotpoint	File No.	Time	#/dir.	Cable Depth	W.D.	Reel No.	Line No.	Remarks
✓	1440	401	0516	N/W	50, 56, 58, 56	6340	13997	6	RPM - 675 PAIR
	1	3			60, 52, 55, 60	1932.93	A		HEAD - 113°
	2	5							T.B. - N.U.
	3	7							S.O.B. - 4.9 (W.T.)
	4	9							
	5	411							
	6	3							
	7	5			T/		13997		LF - 416 LSP - 1447
	8	7			I/C		13998		FF - 417 FSP - 1448
	9	9					B		
✓	1450	421	0523			6350			
	1	3				1935.96			
	2	5							
	3	7							
	4	9							
	5	431							
	6	3							
	7	5							
	8	7							
	9	9							
✓	1460	441	0530			6500			
	1	3				1981.71			
	2	5							
	3	7							
	4	9							
	5	451							
	6	3							
	7	5							
	8	7							
	9	9							
✓	1470	461	0536			6550			
	1	3				1996.95			
	2	5							
	3	7							
	4	9							
	5	471							
	6	3							
	7	5							
	8	7							
	9	9							
✓	1480	481	0544			6800			
	1	3				2073.17			
	2	5							
	3	7							
	4	9							
	5	491							
	6	3							
	7	5							
	8	7							
	1489	499							

624

18645
SLOT

18644
SLOT

OBSERVERS MARINE REPORT

Client USGS Type instrument DFS III Offset distance 1134'
 Area E. COAST Record filter 8-18/62 Group interval 328/164
 State N.J. Sample rate 4ms. Fold coverage 36
 Observer HINES gun depth 30' in.³ of guns 1700

Pre-Plot	Shotpoint	File No.	Time	#/dir.	Cable Depth	W.D.	Reel No.	Line No.	Remarks
✓	1490	501	0550	N/W	49,54,56,58	6925'	13999	6	BPM - 675 PAIR
	1	3			60,54,55,60	2111.28	A		HEAD - 109°
	2	5							T.B. - N.O.
	3	7							S.O.B. - S.1 (W.T.)
	4	9							
	5	511							
	6	3							PICKING UP SMALL
	7	5							AMOUNT OF SCREW
	8	7							NOISE.
	9	9			T/C		13999		LF-520 LSP-1499
✓	1500	521	0557		T/C	7075'	14000		FF-521 FSP-1500
	1	3				2157.01	B		
	2	5							
	3	7							
	4	9							
	5	531							
	6	3							
	7	5							
	8	7							
	9	9							
✓	1510	541	0603			7200'			PARITY FILE # 540
	1	3				2195.12			
	2	5							
	3	7							
	4	9							
	5	551							
	6	3							
	7	5							
	8	7							
	9	9							
✓	1520	561	0610			7300'			
	1	3				2235.61			
	2	5							
	3	7							
	4	9							
	5	571			T/C		14000		LF-572 LSP-1525
	6	3			T/C		14001		FF-573 FSP-1526
	7	5					A		
	8	7							
	9	9							
✓	1530	581	0617			7375'			
	1	3				2248.48			
	2	5							SONABUOY OVERBOARD
	3	7							SP # 1535
	4	9							
	5	591							
	6	3							
	7	5							
	8	7							
	1539	599							

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OBSERVERS MARINE REPORT

Client USGS Type instrument DFS III Offset distance 1134'
 Area E. COAST Record filter 8-18/62 Group interval 328/164
 State N.J. Sample rate 4ms. Fold coverage 36
 Observer HINES gun depth 30' in.³ of guns 1700

Pre-Plot	Shotpoint	File No.	Time	#/dir.	Cable Depth	W.D.	Reel No.	Line No.	Remarks
✓	1540	601	0624	N/W		1500 2286.59	14001 A	6	RPM - 675 PAIR HEAD - 109° T.B. - N.J. S.O.B. - 5.0 (W.T.)
	1	3							
	2	3							
	3	7							
	4	9							
	5	611							
	6	3							
	7	5							
	8	7							
✓	1550	621	0630			7550 2301.83	14001 14002		LF-624 LSP-1551 FF-625 FSP-1552
	1	3			T/C				
	2	3			T/C				
	3	7					B		
	4	9							* SP# 1550 - CHANGE TO 14 SECOND RECORD.
	5	631							
	6	3							
	7	5							
	8	7							
	9	9							
✓	1560	641	0636			7625 2324.70		5939	
	1	3							
	2	5							
	3	7							
	4	9							
	5	651							
	6	3							
	7	5							
	8	7							
	9	9							
✓	1570	661	0644			7600 2317.07			
	1	3							
	2	5							
	3	7							
	4	9							
	5	671			T/C				LF 672 LSP 1575
	6	3			T/C		14003		FF 673 FSP 1576
	7	5					A		
	8	7							
	9	9							
✓	1580	681	0652			7600 2317.07			
	1	3							
	2	5							
	3	7							
	4	9							
	5	691							
	6	3							
	7	5							
	8	7							
	1589	699							

624

SLOT 5939

SLOT 5940

OBSERVERS MARINE REPORT

Client USGS Type instrument DFS III Offset distance 1134'
 Area E. COAST Record filter 8-18/62 Group interval 328/164
 State N.J. Sample rate 4ms. Fold coverage 36
 Observer XINES gun depth 30' in.³ of guns 1700'

Pre-Plot	Shotpoint	File No.	Time	#/dir.	Cable Depth	W.D.	Reel No.	Line No.	Remarks
✓	1590	701	0659	N/W	5,555,587,775		14003	6	RPM-675 PAIR
	1	3			61,54,55,60	2370.43	A		HEAD-115
	2	5							T.B. - N.V.
	3	7							S.O.B. - 5.0(W.T.)
	4	9							
	5	711							
	6	3							FILE 701 - SONA BUOY
	7	5							THROWN IN.
	8	7							
	9	9							
✓	1600	721	0700		T/C	7850			LF 722 LSP 1600
	1	3				2393.29	14004		FF 723 FSP 1600
	2	5					B		
	3	7							FILE 722 - SHORT FILE
	4	9							
	5	731							
	6	3							
	7	5							
	8	7							
	9	9							
✓	1610	741	0712			7880			
	1	3				2402.44			
	2	5							
	3	7							
	4	9							
	5	751							
	6	3							
	7	5							
	8	7							
	9	9							
✓	1620	761	0718			7900			
	1	3				2408.54			
	2	5							
	3	7							
	4	9							
	5	771			T/C		14005		LSP 1624 LF 770
	6	3					A		FSP 1625 FF 771
	7	5							
	8	7							
	9	9							
✓	1630	781	0725			7950			
	1	3				2423.78			
	2	5							
	3	7							
	4	9							
	5	791							
	6	3							
	7	5							
	8	7							
	1639	799							

624

1755
5941

1755
5942

OBSERVERS MARINE REPORT

Client USGS Type instrument DFS III Offset distance 1134'
 Area E. COAST Record filter 8-18-62 Group interval 328/164
 State N.J. Sample rate 4ms Fold coverage 36
 Observer HINES gun depth 30' in.³ of guns 1700

Pre-Plot	Shotpoint	File No.	Time	#idir	Cable Depth	W.D.	Reel No.	Line No.	Remarks
✓	1640	801	0732	NW	51,55,57,58,100	2469.51	14005	6	RPM'S - 675 HEADING - 115 TAILBUOY - N.V. SOB - 5.1 (W.T.)
	1	3							
	2	5							
	3	7							
	4	9							
	5	811							SP 1645 BOTH FILES ARE #812
	6	3							
	7	5							
	8	7							
	9	9							
✓	1650	821	0739		T/C		8110	14006	LF 819 LSP 1649 FF 820 FSP 1650
	1	3				2472.56		'B'	
	2	5							PARITY ERROR - FILE 820
	3	7							" " FILE 823
	4	9							
	5	831							
	6	3							
	7	5							
	8	7							
	9	9							
✓	1660	841	0745				8175		
	1	3				2492.38			
	2	5							
	3	7							
	4	9							
	5	851							
	6	3							
	7	5							
	8	7							
	9	9							
✓	1670	861	0751				8250		
	1	3				2515.24			
	2	5							
	3	7							
	4	9							
	5	871						14007	LF 868 LSP 1673 FF 869 FSP 1674
	6	3						'A'	
	7	5							
	8	7							
	9	9							
✓	1680	881	0758				8280		
	1	3				2524.39			
	2	5							
	3	7							
	4	9							
	5	891							
	6	3							
	7	5							
	8	7							
	1689	899							

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OBSERVERS MARINE REPORT

Client USGS Type instrument DFS III Offset distance 1134'
 Area E. COAST Record filter 8-18-62 Group interval 328/164
 State N.J. Sample rate 4MS Fold coverage 36
 Observer HINES gun depth 30' in.³ of guns 1700

Pre-Plot	Shotpoint	File No.	Time	#/dir.	Cable Depth	W.D.	Reel No.	Line No.	Remarks
✓	1690	901	0804	NW	51,55,57,59		14007	6	RPM'S - 550 PAIR
	1	3			59,54,56,59		'A'		HEADING - 109
	2	5							TAILBUOY - N.V.
	3	7							SOB - 5.0(W.T)
	4	9							
	5	911							STARTING AT FILE
	6	3							897 - TALKING TO HOUSTON
	7	5							MAY CAUSE INTERFERENCE
	8	7			T/C				
	9	9					14008		LF 17 LSP 1698
✓	1700	921	0811				'B'		FF 18 FSP 1698
	1	3							SPLIT SP 1698 ON TAPE
	2	5							
	3	7							
	4	9							SPEED BACK UP TO
	5	931							650 PAIR.
	6	3							
	7	5							PICKING UP SMALL
	8	7							AMOUNT OF SCREW
	9	9							NOISE.
✓	1710	941	0818			8500			
	1	3				2591.46			
	2	5							
	3	7							
	4	9							
	5	951							
	6	3							
	7	5							
	8	7							
	9	9							
✓	1720	961	0825			8550			
	1	3				2606.71			
	2	5			T/C				LF 966 LSP 1722
	3	7			T/C		14009		FF 967 FSP 1723
	4	9					'A'		
	5	971							
	6	3							
	7	5							
	8	7							
	9	9							
✓	1730	981	0832			8625			
	1	3				2629.57			
	2	5							
	3	7							
	4	9							
	5	991							
	6	3							
	7	5							
	8	7							
	1739	999							

file 959

OBSERVERS MARINE REPORT

Client	<u>USGS</u>	Type instrument	<u>DFS III</u>	Offset distance	<u>1134'</u>
Area	<u>E. COAST</u>	Record filter	<u>8-18-62</u>	Group interval	<u>328/164</u>
State	<u>N.J.</u>	Sample rate	<u>4MS</u>	Fold coverage	<u>36</u>
Observer	<u>HINES</u>	gun depth	<u>30'</u>	in. ³ of guns	<u>1700</u>

Pre-Plot	Shotpoint	File No.	Time	#Dir.	Cable Depth	W.D.	Reel No.	Line No.	Remarks
✓	1740	001	0840	NW	51.54, 59.58	8700	14009	6	RPM'S - 650 PAIR
	1	3			60.52, 54.60	2652.44	'A'		HEADING - III
	2	5							TAILBUOY - N.V.
	3	7							SQB - 5.2 (W.T.)
	4	9							
	5	011							
	6	3			T/C				LF 014 LSP 1746
	7	5					14010		FF 015 FSP 1747
	8	7					'B'		
	9	9							
✓	1750	021	0847			8750			
	1	3				2667.68			
	2	5							
	3	7							
	4	9							
	5	031							
	6	3							
	7	5							
	8	7							
	9	9							
✓	1760	041	0853			8800			
	1	3				2682.93			
	2	5							
	3	7							
	4	9							
	5	051							
	6	3							
	7	5							
	8	7							
	9	9							
✓	1770	061	0859		T/C	8860			LF 062 LSP 1770
	1	3			T/C	2701.22	14011		FF 063 FSP 1771
	2	5					'A'		
	3	7							
	4	9							
	5	071							
	6	3							
	7	5							
	8	7							
	9	9							
	1780	081	0906			8870			
	1	3				2704.27			
	2	5							
	3	7							
	4	9							
	5	091							
	6	3							
	7	5							
	8	7							
	1789	099							

OBSERVERS MARINE REPORT

Client USGS Type instrument DFS III Offset distance 1134'
 Area E. COAST Record filter 8-18-62 Group interval 328/164
 State N.S. Sample rate 4MS Fold coverage 36
 Observer HINES gun depth 30' in.³ of guns 1700

Pre-Plot	Shotpoint	File No.	Time	#/dir.	Cable Depth	W.D.	Reel No.	Line No.	Remarks
	1790	101	0914	NW	51,55,58,56	8890	14011	6	RPM'S - 650 PAIR
	1	3			60,52,55,59	2710.37	'A'		HEADING - 112
	2	5			16,17, X 17				TAILBUOY - N.V.
	3	7			18,16, X 18				SOB - 5.3 (W.T.)
	4	9			T/				
	5	111			C		14012		LF 110 LSP 1794
	6	3					'B'		FF 111 FSP 1795
	7	5							
	8	7							
	9	9							
Start ✓	1800	121	0920			8900			
	1	3				2713.41			
	2	5							
	3	7							
	4	9							
	5	131							
	6	3							
	7	5							
	8	7							
	9	9							
✓	1810	141	0927			8950			
	1	3				2728.66			
	2	5							
	3	7							
	4	9							
	5	151							
	6	3							
	7	5							
	8	7			T/		14012		LF 158 LSP 1818
	9	9			C		14013		FF 159 FSP 1819
✓	1820	161	0934			9050	A		
	1	3				2759.15			
	2	5							
	3	7							
	4	9							
	5	171							
	6	3							
	7	5							
	8	7							
	9	9							
✓	1830	181	0941			9100			
	1	3				2774.39			
	2	5							
	3	7							
	4	9							
	5	191							
	6	3							
	7	5							
	8	7							
	1839	199							

SLOT 5949

SLOT 5950

OBSERVERS MARINE REPORT

Client	<u>USGS</u>	Type instrument	<u>DFS III</u>	Offset distance	<u>1134'</u>
Area	<u>E. COAST</u>	Record filter	<u>8-18-62</u>	Group interval	<u>328/164</u>
State	<u>N. J.</u>	Sample rate	<u>4MS</u>	Fold coverage	<u>36</u>
Observer	<u>HINES</u>	gun depth	<u>30'</u>	in. ³ of guns	<u>1700</u>

Pre-Plot	Shotpoint	File No.	Time	#/dir.	Cable Depth	W.D.	Reel No.	Line No.	Remarks
✓	1840	201	0950	NW	525457.56	9100	14013	6	RPM'S - 650 PAIR
	1	3			60, 54, 55, 59	2774.39	'A'		HEADING - 112
	2	5			T/C				TAILBUOY - N.Y.
	3	7					14014		SOB - 5.1 (W.T.)
	4	9			16, 16, X, 17		'B'		
	5	211			18, 16, X, 18				LF 206 LSP 1842
	6	3							FF 207 FSP 1843
	7	5							
	8	7							
✓	1850	221	0956			9125			
	1	3				2782.01			
	2	5							
	3	7							
	4	9							
	5	231							
	6	3							
	7	5							
	8	7							
	9	9							
✓	1860	241	1004			9150			
	1	3				2789.68			
	2	5							
	3	7							
	4	9							
	5	251							
	6	3			T/C				LF 254 LSP 1866
	7	5					14015		FF 255 FSP 1867
	8	7					'A'		
✓	1870	261	1011			9250			
	1	3				2820.12			
	2	5							FILE # 265 - SHOOTING
	3	7							WITH 1500 IN ³ ON GUNS
	4	9							BIG GUN (300 IN ³) OFF-
	5	271							LINE. ALL SPARES ON.
	6	3							
	7	5							
	8	7							
✓	1880	281	1018			9250			
	1	3				2820.12			
	2	5							
	3	7							
	4	9							
	5	291							
	6	3							
	7	5							
	8	7							
	1889	299							

DATE 9/16/74

506-3-68

OBSERVERS MARINE REPORT

Client USGS Type instrument DFS # Offset distance 1134'
 Area E.COAST Record filter 8-18-62 Group interval 328/164
 State N.J. Sample rate 4MS Fold coverage 36
 Observer HINES gun depth 30' in.³ of guns 1500

Pre-Plot	Shotpoint	File No.	Time	#Dir.	Cable Depth	W.D.	Reel No.	Line No.	Remarks
✓	1890	301	1026	NW	T/C	9275	14015	6	RPM'S - 650 PAIR
	1	3			T/C	2927.74	14016		HEADING - 110
	2	5					'B'		TAIL BUOY - N.V.
	3	7			52,55,58,57				SAB - 5.4 (W.T.)
	4	9			60,53,54,58				
	5	311							LF 302 LSP 1890
	6	3			16,17,X,17				FF 303 FSP 1891
	7	5			18,16,X,18				
	8	7							
	9	9							FILE 315 - NOW SHOOTING
✓	1900	321	1034			9290			1700 (300 IN ³ GUN ON-LINE)
	1	3				2935.37			
	2	5							
	3	7							
	4	9							
	5	331							
	6	3							
	7	5							
	8	7							
	9	9							
✓	1910	341	1041			9350			SINGLE TRACE PLOTTER MESSING UP. CHANGING PAPER. STYLUS CUTTING PAPER.
	1	3				2950.61			
	2	5							
	3	7							
	4	9							
	5	351			T/C				LF 351 LSP 1915
	6	3			T/C				FF 352 FSP 1916
	7	5					14017		
	8	7					'A'		SPLIT SP 1915 ON TAPE.
	9	9							
✓	1920	361	1048						
	1	3							
	2	5							
	3	7							
	4	9							
	5	371							
	6	3							
	7	5							
	8	7							
	9	9							
✓	1930	381	1055						
	1	3							
	2	5							
	3	7							
	4	9							
	5	391							
	6	3							
	7	5							
	8	7							
	9	9							
	1939	399			T/C				LF 400 LSP 1939
									FF 401 FSP 1940

SLOT 5953

NO WATER DEPTHS

SLOT 5954

506-3-68

OBSERVERS MARINE REPORT

Client	<u>USGS</u>	Type instrument	<u>DFS #</u>	Offset distance	<u>1134'</u>
Area	<u>E. COAST</u>	Record filter	<u>8-18-62</u>	Group interval	<u>328/164</u>
State	<u>N.J.</u>	Sample rate	<u>4MS</u>	Fold coverage	<u>36</u>
Observer	<u>HINES</u>	gun depth	<u>30'</u>	in. ³ of guns	<u>1700</u>

Pre-Plot	Shotpoint	File No.	Time	#/dir.	Cable Depth	W.D.	Reel No.	Line No.	Remarks
✓	1940	401	1103	NW	51,55,57,59 60,53,54,55		14018	6	RPMS - 675 PAIR HEADING - 112 TAILBUOY - N.V SOB - 4.4 (W.T)
	1	3							
	2	5							
	3	7			16,17,X,17				
	4	9			18,16,X,17				
	5	411							INCREASING SPEED
	6	3							TO 700-PAIR.
	7	5							
	8	7							
	9	9							
✓	1950	421	1111						
	1	3							
	2	5							
	3	7							
	4	9							
	5	431							
	6	3							
	7	5							
	8	7							
	9	9							
✓	1960	441	1118						
	1	3							
	2	5							
	3	7							
	4	9							
	5	451							
	6	3							
	7	5							
	8	7							
	9	9							
✓	1970	461	1125						
	1	3							
	2	5							
	3	7							
	4	9							
	5	471							
	6	3							
	7	5							
	8	7							
	9	9							
✓	1980	481	1131				9550		
	1	3					2911.59		
	2	5							
	3	7							
	4	9							
	5	491							
	6	3							
	7	5							
	8	7							
	9	9							
✓	1989	499					4020		
	1	3					'B'		
	2	5							
	3	7							
	4	9							
	5	491							
	6	3							
	7	5							
	8	7							
	9	9							
									LF 448 LSP 1963 FF 449 FSP 1964
									LF 496 LSP 1987 FF 497 FSP 1988
									FILE 498 - PARITY ERROR

 DATE 9/16/74

OBSERVERS MARINE REPORT

Client	<u>USGS</u>	Type instrument	<u>DFS III</u>	Offset distance	<u>1134'</u>
Area	<u>E. COAST</u>	Record filter	<u>8-18-62</u>	Group interval	<u>328/164</u>
State	<u>N.J.</u>	Sample rate	<u>4MS</u>	Fold coverage	<u>36</u>
Observer	<u>HINES</u>	gun depth	<u>30'</u>	in. ³ of guns	<u>1700</u>

Pre-Plot	Shotpoint	File No.	Time	#/dir.	Cable Depth	W.D.	Reel No.	Line No.	Remarks
	1990	501		NW	50, 54, 56, 57, 9600	14020	6		RPM'S - 700 PAIR
	1	3			61, 54, 53, 52, 292683				HEADING - 112
	2	5							TAILBUOY - N.V.
	3	7			15, 16, X, 17				SOB - 5.1 (W.T)
	4	9			18, 16, X, 16				
	5	511							
	6	3							
	7	5							
	8	7							
	9	9							
✓	2000	521	1143			9625			USGS
	1	3				2934.45			SHOT
	2	5							
	3	7							
	4	9							
	5	531							
	6	3							
	7	5							
	8	7							
	9	9							
✓	2010	541	1151			9650			USGS
	1	3				2942.07			SHOT
	2	5			T/C				
	3	7					14021		LF 546 LSP 2012
	4	9					'A'		FF 547 FSP 2013
	5	551							FILE 546 - SHORT FILE
	6	3							
	7	5							
	8	7							
	9	9							
✓	2020	561	1158			9625			USGS
	1	3				2934.45			SHOT
	2	5							
	3	7							
	4	9							
	5	571							
	6	3							
	7	5							
	8	7							
	9	9							
✓	2030	581	1205			9625			USGS
	1	3				2934.45			SHOT
	2	5							
	3	7							
	4	9							
	5	591							
	6	3			T/C				LSP 2036 LF 594
	7	5					14022		FSP 2037 FF 595
	8	7					B		
	2039	599							

506-3-68

OBSERVERS MARINE REPORT

Client USGS Type instrument DFS III Offset distance 1134'
 Area E. COAST Record filter 8-18-62 Group interval 328/164
 State NEW JERSEY Sample rate 4MS Fold coverage 36
 Observer [REDACTED] MCDANIEL gun depth 30' in.³ of guns 1700

Pre-Plot	Shotpoint	File No.	Time	#/dir.	Cable Depth	W.D.	Reel No.	Line No.	Remarks
✓	2040	601	1211	NW	50, 54, 56, 57	9625	14022	6	RPM'S - 700
	1	3			60, 54, 53, 52	2934.45	B		HEADING - 118°
	2	5							TAIL BUOY - N.U
	3	7			15, 16, X, 17				SOB - 4.6 Q.T
	4	9			18, 16, X, 16				
	5	611							
	6	3							
	7	5							
	8	7							
	9	9							
✓	2050	621	1217			9700'			
	1	3				2957.32			
	2	5							
	3	7							
	4	9							
	5	631							
	6	3							
	7	5							
	8	7							
	9	9							
✓	2060	641	1224		T/C	9700'			LSP - 2060 LF - 642
	1	3				2957.32	14023		FSP - 2061 FF - 643
	2	5					'A'		
	3	7							
	4	9							
	5	651							
	6	3							
	7	5							
	8	7							
	9	9							
✓	2070	661	1230			9700'			
	1	3				2957.32			
	2	5							
	3	7							
	4	9							
	5	671							
	6	3							
	7	5							
	8	7							
	9	9							
✓	2080	681	1237			9750'			SONO BUOY IN WATER -
	1	3				2972.56			SP - 2080
	2	5							SHOOTING 1510 IN ³
	3	7							
	4	9			T/C				LSP - 2084 LF - 690
	5	691					14024		FSP - 2085 FF - 691
	6	3					B		
	7	5							
	8	7							
	2089	699							

OBSERVERS MARINE REPORT

Client USGS Type instrument DFS III Offset distance 1134'
 Area EAST COAST Record filter B/18/62 Group interval 328/164
 State NEW JERSEY Sample rate 4 MS Fold coverage 36
 Observer MC DANIEL gun depth 30' in.³ of guns 1510

Pre-Plot	Shotpoint	File No.	Time	#ldir.	Cable Depth	W.D.	Reel No.	Line No.	Remarks
✓	2090	701	1244	NW	59, 54, 57, 57	9750'	14024	6	RPM 700
	1	3			63, 53, 52, 54	2972.56	"B"		HEADING 117°
	2	5			15, 16, X, 17				T.B N.V.
	3	7			19, 16, X, 16				S.O.W 4.7 W.T.
	4	9							
	5	711							
	6	3							
	7	5							
	8	7							
	9	9							
✓	2100	721	1250			9750'			
	1	3				2972.56			
	2	5							
	3	7							
	4	9							
	5	731							
	6	3							
	7	5							
	8	7							
	9	9							
					T/C				LSP - 2108 LF - 738
					T/C				FSP - 2109 FF - 739
✓	2110	741	1256			9750'			
	1	3				2972.56			
	2	5							
	3	7							
	4	9							
	5	751							
	6	3							
	7	5							
	8	7							
	9	9							
✓	2120	761	1302			9775'			
	1	3				2980.18			
	2	5							
	3	7							
	4	9							
	5	771							
	6	3							
	7	5							
	8	7							
	9	9							
✓	2130	781	1308			9800'			
	1	3				2987.80			
	2	5							
	3	7							
	4	9							
	5	791							
	6	3							
	7	5							
	8	7							
	9	9							
	2139	799							

OBSERVERS MARINE REPORT

Client USGS Type instrument DFS III Offset distance 1134'
 Area EAST COAST Record filter 8/18/62 Group interval 328/164
 State NEW JERSEY Sample rate 4 MS Fold coverage 36
 Observer MC DANIEL gun depth 30' in.³ of guns 1700

Pre-Plot	Shotpoint	File No.	Time	#/dir.	Cable Depth	W.D.	Reel No.	Line No.	Remarks
✓	2140	801	1314	NW	50, 54, 57, 57	9800'	14026	6	RPM 700
	1	3			64, 57, 52, 52	2987.80	"B"		HEADING 112°
	2	5			15, 16, X, 17				T.B. N.V.
	3	7			19, 17, X, 16				S.O.B. 4.8 W.T.
	4	9							
	5	811							
	6	3							
	7	5							
	8	7							
	9	9							
✓	2150	821	1322			9800'			
	1	3				2987.80			
	2	5							
	3	7							
	4	9							
	5	831							
	6	3							
	7	5							
	8	7							
	9	9							
							14027		LSP 2156 LF- 834
					T/C		"A"		FSP 2157 FF- 835
✓	2160	841	1330			9800'			
	1	3				2987.80			
	2	5							
	3	7							
	4	9							
	5	851							
	6	3							
	7	5							
	8	7							
	9	9							
✓	2170	861	1337			9890'			
	1	3				3015.24			
	2	5							
	3	7							
	4	9							
	5	871							
	6	3							
	7	5							
	8	7							
	9	9							
✓	2180	881	1343			9875'	14027		LSP-2180 LF- 882
	1	3				3010.67	14028		FSP-2181 FF- 883
	2	5					"B"		
	3	7							
	4	9							
	5	891							
	6	3							
	7	5							
	8	7							
	2189	899							

OBSERVERS MARINE REPORT

Client USGS Type instrument DESIIC Offset distance 1134'
 Area EAST COAST Record filter 8/18/62 Group interval 328/168
 State NEW JERSEY Sample rate A MS. Fold coverage 36
 Observer MR DANIEL gun depth 30' in.³ of guns 1700

Pre-Plot	Shotpoint	File No.	Time	#ldir	Cable Depth	W.D.	Reel No.	Line No.	Remarks
✓	2190	901	1348	NW	49,53,57,57	9900	14028	6	RPM 700
	1	3			63,54,54,54	3018.29	"B"		HEADING 113°
	2	5			15,16,X,17				T.B. N.V.
	3	7			19,16,X,16				S.O.B. 4.9 W.T.
	4	9							
	5	911							
	6	3							
	7	5							
	8	7							
	9	9							
✓	2200	921	1356			9900			
	1	3				3018.29			
	2	5							
	3	7							
	4	9							
	5	931			T/C				LSP 2204 LF-930
	6	3							FSP 2205 FF-931
	7	5							15 SEC. RECORD LENGTH
	8	7							FILE-931
	9	9							
✓	2210	941	1401			9900			
	1	3				3018.29			
	2	5							
	3	7							
	4	9							
	5	951							
	6	3							
	7	5							
	8	7							
	9	9							
✓	2220	961	1407			9900			
	1	3				3018.29			
	2	5							
	3	7							
	4	9							
	5	971							
	6	3							
	7	5							
	8	7							
	9	9							
	1	3							
	2	5							
	3	7							
	4	9							
	5	971							
	6	3							
	7	5							
	8	7							
	9	9							
✓	2230	981	1414			9900			
	1	3				3018.29			
	2	5							
	3	7							
	4	9							
	5	991							
	6	3							
	7	5							
	8	7							
	2239	999							

OBSERVERS MARINE REPORT

Client USGS Type instrument DFS-III Offset distance 1134'
 Area EAST COAST Record filter 8/18/62 Group interval 328/16f
 State NEW JERSEY Sample rate 4 MS. Fold coverage 36
 Observer MC DANIEL gun depth 30' in.³ of guns 1700

Pre-Plot	Shotpoint	File No.	Time	#ldir	Cable Depth	W.D.	Reel No.	Line No.	Remarks
✓	2240	001	1421	NW	50, 54, 57, 57, 99, 90	3018.29	14030	6	RPM 675
	1	3			62, 56, 57, 60	3018.29	"B"		HEADING 121°
	2	5							T.A N.U.
	3	7			15, 16, X, 17				S.O.B
	4	9			19, 17, X, 18				
	5	011							
	6	3							
	7	5							
	8	7							
	9	9							
✓	2250	021	1427		T/C	19,000			LSP-2250 LF-022
	1	3				3048.78	14031		FSP-2251 FF-023
	2	5					A		
	3	7							
	4	9							
	5	031							
	6	3							
	7	5							
	8	7							
	9	9							
✓	2260	041	1434			10,125			
	1	3				3086.89			
	2	5							
	3	7							
	4	9							
	5	051							
	6	3							
	7	5							
	8	7							
	9	9							
✓	2270	061	1442			10,200			
	1	3				3109.76			
	2	5							
	3	7			T/C		14031		LSP-2273 LF-068
	4	9			T/C		14032		FSP-2274 FF-069
	5	071					"B"		
	6	3							
	7	5							
	8	7							
	9	9							
✓	2280	081	1449			10,200			
	1	3				3109.76			
	2	5							
	3	7							
	4	9							
	5	091							
	6	3							
	7	5							
	8	7							
	2289	099							SHOOTING WITH 1350 ^{3/4}

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OBSERVERS MARINE REPORT

Client USGS Type instrument DPS III Offset distance 1134'
 Area EAST COAST Record filter 9/18/62 Group interval 328/164
 State NEW JERSEY Sample rate 4 ms. Fold coverage 36
 Observer Mc DANIEL gun depth 30' in.³ of guns 1350
~~1200~~

Pre-Plot	Shotpoint	File No.	Time	#ldir.	Cable Depth	W.D.	Reel No.	Line No.	Remarks
✓	2290	101	1456	NW	50, 55, 57, 57	10, 250	14032	6	RPM 675
	1	3			62, 53, 56, 60	3125	"B"		HERDING 1170
	2	5			15, 17, X, 17				T.P. N.V.
	3	7			19, 16, X, 18				S.O.B. 4.9
	4	9							
	5	111							
	6	3			T/				LSP - 2296 LF - 114
	7	5			/C		14033		FSP - 2297 FF - 115
	8	7					"A"		
	9	9							
✓	2300	121	1504			10, 250			
	1	3				3125			
	2	5							
	3	7							
	4	9							
	5	131							
	6	3							
	7	5							
	8	7							
	9	9							
✓	2310	141	1512			10, 250			
	1	3				3125			
	2	5							
	3	7							
	4	9							
	5	151							
	6	3							
	7	5							
	8	7							
	9	9					14033		LSP - 2319 LF - 160
✓	2320	161	1520			10, 300	14034		FSP - 2320 FF - 161
	1	3				3140.24	"B"		
	2	5							
	3	7							
	4	9							
	5	171							SILTY
	6	3							
	7	5							
	8	7							
	9	9							
✓	2330	181	1527			10, 250			
	1	3				3125			
	2	5							
	3	7							
	4	9							
	5	191							
	6	3							
	7	5							
	8	7							
	2339	199							

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OBSERVERS MARINE REPORT

Client USGS Type instrument DFS-III Offset distance 1134'
 Area EAST COAST Record filter 8/19/62 Group interval 328/164
 State NEW JERSEY Sample rate 4 MS Fold coverage 36
 Observer Mc DANIEL gun depth 30' in.³ of guns 1350

Pre-Plot	Shotpoint	File No.	Time	#Dir.	Cable Depth	W.D.	Reel No.	Line No.	Remarks
✓	2340	201	1534	NW	50, 53, 57, 57	10, 250	14034	6	RPM 675
	1	3			63, 54, 56, 60	3125	"B"		HEADING 118°
	2	5			15, 16, X, 17				T.B. N.V.
	3	7			19, 16, X, 18				S.O.B. 5.0 W.T.
	4	9							
	5	211			T/C				LSP-2342 LF-206
	6	3					14035		FSP-2343 FF-207
	7	5					"A"		
	8	7							
	9	9							
✓	2350	221	1542			10375			
	1	3				3163.11			
	2	5							
	3	7							
	4	9							
	5	231							
	6	3							
	7	5							
	8	7							
	9	9							
✓	2360	241	1549			10375			
	1	3				3163.11			
	2	5							
	3	7							
	4	9							
	5	251			T/C		14035		LSP-2365 LF-252
	6	3			T/C		14036		FSP-2366 FF-253
	7	5					"B"		
	8	7							
	9	9							
✓	2370	261	1556			10,375			
	1	3				3163.11			
	2	5							
	3	7							
	4	9							
	5	271							
	6	3							
	7	5							
	8	7							SHOOTING 1200 IN ³
	9	9							
✓	2380	281	1603			10,375			
	1	3				3163.11			SOUND BUOY IN WATER -
	2	5							SP 2383
	3	7							
	4	9							
	5	291							
	6	3							
	7	5							
	8	7					14036		LSP-2388 LF-298
	2389	299			T/C		14037		FSP-2389 FF-299

2665 14715

2665 14715

OBSERVERS MARINE REPORT

Client USGS Type instrument DFS-III Offset distance 1134'
 Area EAST COAST Record filter 8/18/62 Group interval 328/164
 State NEW JERSEY Sample rate 4 MS. Fold coverage 36
 Observer Mc DANIEL gun depth 30' in.³ of guns 1700

Pre-Plot	Shotpoint	File No.	Time	# dir.	Cable Depth	W.D.	Reel No.	Line No.	Remarks
✓	2390	301	1611	NW	50, 54, 58, 57	10, 375	14037	6	RPW 675
	1	3			60, 52, 56, 60	3163.11	"A"		HEADING 122°
	2	5							T.O. N.V.
	3	7			15, 16, X, 17				S.O.B. 4.9 W.T.
	4	9			18, 16, X, 18				
	5	311							
	6	3							
	7	5							
	8	7							
	9	9							
✓	2400	321	1620			10, 250			
	1	3				3125			
	2	5							
	3	7							
	4	9							
	5	331							
	6	3							
	7	5							
	8	7							
	9	9							
✓	2410	341	1627			10, 250			
	1	3			T/	3125	14037		LSP-2411 LF-344
	2	5			lc		14038		FSP-2412 FF-345
	3	7					"B"		
	4	9							
	5	351							
	6	3							
	7	5							
	8	7							
	9	9							
✓	2420	361	1435			10, 250			
	1	3				3125			
	2	5							
	3	7							
	4	9							
	5	371							
	6	3							
	7	5							
	8	7							
	9	9							
✓	2430	381	1442			10, 250			
	1	3				3125			
	2	5							
	3	7							
	4	9			T/		14038		LSP-2434 LF-390
	5	391			lc		14039		FSP-2435 FF-391
	6	3					"A"		
	7	5							
	8	7							
	2439	399							

OBSERVERS MARINE REPORT

Client USGS Type instrument DFS-III Offset distance 1134'
 Area EAST COAST Record filter 8/18/62 Group interval 328/164
 State NEW JERSEY Sample rate 4 MS. Fold coverage 36
 Observer MCDANIEL gun depth 30' in.³ of guns 1700

Pre-Plot	Shotpoint	File No.	Time	#Dir.	Cable Depth	W.D.	Reel No.	Line No.	Remarks
✓	2440	401	1649	NW	50, 54, 57, 57	10,250'	14039	6	RPM 625
	1	3			61, 53, 56, 59	3125	"A"		HEADING 129°
	2	5							T.B N.V.
	3	7							S.O.B 3.8 W.T.
	4	9							
	5	411							
	6	3							
	7	5							
	8	7							
	9	9							
✓	2450	421	1657			10,250'			
	1	3				3125			
	2	5							
	3	7							
	4	9							
	5	431							
	6	3							
	7	5			T/c		14034		LSP-2457 LF-436
	8	7			c		14040		FSP-2458 FF-437
	9	9					"B"		
✓	2460	441	1705			10,250'			
	1	3				3125			
	2	5							
	3	7							
	4	9							
	5	451							
	6	3							
	7	5							
	8	7							
	9	9							
✓	2470	461	1712			10,250'			
	1	3				3125			
	2	5							
	3	7							
	4	9							
	5	471							
	6	3							
	7	5							
	8	7							
	9	9							
✓	2480	481	1718			10,125'	14040		LSP-2480 LF-482
	1	3				3086.89	14041		FSP-2481 FF-483
	2	5					"A"		
	3	7							
	4	9							
	5	491							
	6	3							
	7	5							
	8	7							
	2489	499							

OBSERVERS MARINE REPORT

Client USGS Type instrument DFS-III Offset distance 1134'
 Area EAST COAST Record filter 8/18/62 Group interval 328/164
 State NEW JERSEY Sample rate 4 MS. Fold coverage 36
 Observer Mc DANIEL gun depth 30' in.³ of guns 1700

Pre-Plot	Shotpoint	File No.	Time	#ldir.	Cable Depth	W.D.	Reel No.	Line No.	Remarks
✓	2490	501	1725	NW	50, 54, 58, 59	10, 125	14041	6	RPM 675
	1	3			62, 54, 56, 60	3086.89	"A"		HEADING 131°
	2	5							T.B. Nil.
	3	7			15, 16, X, 18				S.O.B. 4.0 W.T.
	4	9			19, 16, X, 18				
	5	511							
	6	3							
	7	5							
	8	7							
	9	9							
✓	2500	521	1733			10, 250			
	1	3				3125			
	2	5							
	3	7			T/C				LSP-2503 LF-528
	4	9			T/C		14042		FSP-2504 FF-529
	5	531					"B"		
	6	3							
	7	5							
	8	7							
	9	9							
✓	2510	541	1740			10, 375			
	1	3				3163.11			
	2	5							
	3	7							
	4	9							
	5	551							
	6	3							
	7	5							
	8	7							
	9	9							
✓	2520	561	1747			10, 250			
	1	3				3125			
	2	5							
	3	7							
	4	9							
	5	571							
	6	3			T/C		14042		LAST FILE - 574 Sp 2526
	7	5			T/C		14043		FIRST FILE - 575 Sp 2527
	8	7					"A"		
	9	9							
✓	2530	581	1754			10, 200			
	1	3				3109.75			
	2	5							
	3	7							
	4	9							
	5	591							
	6	3							
	7	5							
	8	7							
	2539	599							

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OBSERVERS MARINE REPORT

Client USGS Type instrument DFS-III Offset distance 1134'
 Area EAST COAST Record filter 8/18/62 Group interval 328/164
 State NEW JERSEY Sample rate 4 ms. Fold coverage 36
 Observer Mc DANIEL gun depth 30' in.³ of guns 1700

Pre-Plot	Shotpoint	File No.	Time	#/dir.	Cable Depth	W.D.	Reel No.	Line No.	Remarks
	2540	601	1802	NW	57, 56, 58, 58	10250	14043	6	RPM 675 ft.
	1	3			63, 55, 58, 60	3125	"A"		HERDING 1420
	2	5							T.B. N.V.
	3	7			15, 17, X, 18				S.O.B. A-1
	4	9			19, 17, X, 18				
	5	611							
	6	3							
	7	5							
	8	7							
	9	9			T/				LSP- 2549 LF- 626
✓	2550	621	1810		T/	10250	14044		FSP- 2550 FF- 621
	1	3				3125	"B"		
	2	5							
	3	7							
	4	9							
	5	631							
	6	3							
	7	5							
	8	7							
	9	9							
✓	2560	641	1816			10,200			
	1	3				3109.76			
	2	5							
	3	7							
	4	9							
	5	651							
	6	3							
	7	5							
	8	7							
	9	9							
✓	2570	661	1822			10,125			
	1	3				3086.89			
	2	5			T/		14044		LSP- 2572 LF- 666
	3	7			T/		14045		FSP- 2573 FF- 667
	4	9					"A"		
	5	671							
	6	3							
	7	5							
	8	7							
	9	9							
✓	2580	681	1829			10,050			
	1	3				3064.02			
	2	5							
	3	7							
	4	9							
	5	691							
	6	3							
	7	5							
	8	7							
	9	9							
	2589	699							

1865 5981

7965 5982

OBSERVERS MARINE REPORT

Client USGS Type instrument DFSTII Offset distance 1134'
 Area EAST COAST Record filter 8/18/62 Group interval 328/164
 State NEW JERSEY Sample rate 4 MS Fold coverage 36
 Observer MCDANIEL gun depth 30' in.³ of guns 1700

Pre-Plot	Shotpoint	File No.	Time	#/dir.	Cable Depth	W.D.	Reel No.	Line No.	Remarks
✓	2590	701	1836	HW	50, 56, 58, 58	10,050	14045	6	RPM 675
	1	3			60, 54, 58, 60	3048.02	"A"		HEADING 141°
	2	5							T.B. N.U.
	3	7			15, 17, X, 18				S.O.B. 4.6 W.T.
	4	9			18, 16, X, 18				
	5	711			T/				LSP- 2595 LF- 712
	6	3			IC		14046		FSP- 2596 FF- 713
	7	5					"B"		
	8	7							FILE 715 PARTLY ERROR
	9	9							
✓	2600	721	1844			10,025			
	1	3				3056.40			
	2	5							
	3	7							
	4	9							
	5	731							
	6	3							
	7	5							
	8	7							
	9	9							
✓	2610	741	1851			10,000			
	1	3				3048.78			
	2	5							
	3	7							
	4	9							
	5	751							
	6	3							
	7	5							
	8	7			T/		14046		LSP- 2618 LF- 758
	9	9			IC		14047		FSP- 2619 FF- 759
✓	2620	761	1857			10,000	"A"		
	1	3				3048.78			
	2	5							
	3	7							
	4	9							
	5	771							
	6	3							
	7	5							
	8	7							
	9	9							
✓	2630	781	1905			10,000			
	1	3				3048.78			
	2	5							
	3	7							
	4	9							
	5	791							
	6	3							
	7	5							
	8	7							
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OBSERVERS MARINE REPORT

Client USCGS Type instrument DFS-III Offset distance 1134'
 Area EAST COAST Record filter 8-18-62 Group interval 308/164
 State NEW JERSEY Sample rate AMS. Fold coverage 36
 Observer MC DANIEL gun depth 30' in.³ of guns 1700

Pre-Plot	Shotpoint	File No.	Time	#/dir.	Cable Depth	W.D.	Reel No.	Line No.	Remarks
✓	2640	801	1914	N/W	50, 54, 57, 56	10,000'	14047	6	RPM- 675
	1	3			57, 50, 56, 60	3049.78	'A'		HEADING 145°
	2	5							T/B. N.V.
	3	7			15, 16, X, 17				SOB. 4.5 W-T.
	4	9			17, 15, X, 18				
	5	811			T/				LSP-2641 LF-804
	6	3			/C		14048		FSP-2642 FF-805
	7	5					'B'		
	8	7							
	9	9							
✓	2650	821	1921			10,000'			
	1	3				3049.78			
	2	5							
	3	7							
	4	9							
	5	831							
	6	3							
	7	5							
	8	7							
	9	9							
✓	2660	841	1929			9990'			
	1	3				3045.73			
	2	5							
	3	7							
	4	9			T/		14048		LSP-2664 LF-850
	5	851			/C		14049		FSP-2665 FF-851
	6	3					'A'		
	7	5							
	8	7							
	9	9							
✓	2670	861	1936			9990'			
	1	3				3045.73			
	2	5							
	3	7							
	4	9							
	5	871							
	6	3							
	7	5							
	8	7							
	9	9							
✓	2680	881	1944			9990'			
	1	3				3045.73			
	2	5							
	3	7							
	4	9							
	5	891							
	6	3							
	7	5			T/				LSP-2687 LF-896
	8	7			/C		14050		FSP-2688 FF-897
	2689	899					'B'		

OBSERVERS MARINE REPORT

Client USGS Type instrument DFS-III Offset distance 1134'
 Area EAST COAST Record filter 8/16/62 Group interval 328/164
 State NEW JERSEY Sample rate 4 MS. Fold coverage 36
 Observer McDANIEL gun depth 30' in.³ of guns 1700

Pre-Plot	Shotpoint	File No.	Time	#ldir	Cable Depth	W.D.	Reel No.	Line No.	Remarks
✓	2690	901	1952	NW	50, 56, 58, 58	9990'	14050	6	RPA 675
	1	3			63, 56, 60, 62	3045.73	"B"		HEADING 148°
	2	5							T.B. N.V.
	3	7			15, 17, X, 18				S.O.B. 4.6 W.T.
	4	9			19, 17, X, 19				
	5	911							
	6	3							
	7	5							
	8	7							
	9	9							
✓	2700	921	1959			9990'			
	1	3				3045.73			
	2	5							
	3	7							
	4	9							
	5	931							
	6	3							
	7	5							
	8	7							
	9	9							
✓	2710	941	2007		T/	9990'	14050		LSP-2710 LF-942
	1	3			T/	3045.73	14051		FSP-2711 FF-943
	2	5					"A"		
	3	7							
	4	9							
	5	951							
	6	3							
	7	5							
	8	7							
	9	9							
✓	2720	961	2014			10,000'			
	1	3				3048.78			
	2	5							
	3	7							
	4	9							
	5	971							
	6	3							
	7	5							
	8	7							
	9	9							
✓	2730	981	2021			10,000'			
	1	3				3048.78			
	2	5							
	3	7			T/		14051		LSP-2733 LF-988
	4	9			T/		14052		FSP-2734 FF-989
	5	991					"B"		
	6	3							
	7	5							
	8	7							
	2739	999							

OBSERVERS MARINE REPORT

Client USGS Type instrument DFS-III Offset distance 1138'
 Area EAST COAST Record filter 8/18/62 Group interval 328/164
 State NEW JERSEY Sample rate 4 MS. Fold coverage _____
 Observer McDANIEL gun depth 30' in.³ of guns 1700

Pre-Plot	Shotpoint	File No.	Time	#/dir.	Cable Depth	W.D.	Reel No.	Line No.	Remarks
✓	2740	001	2028	NW	56, 56, 59, 59	10,025	14052	6	RPM 625
	1	3			64, 57, 60, 62	3056.40	"B"		HEADING 125°
	2	05							T.B. N.U.
	3	7			15, 17, X, 18				S.O.B. 4.1 W.T
	4	9			19, 17, X, 19				
	5	011							
	6	3							
	7	5							
	8	7							
	9	9							
✓	2750	021	2036			10,025			
	1	3				3056.40			
	2	5							
	3	7							
	4	9							
	5	031							
	6	3			T/		14052		LSP-2756 LF-034
	7	5			/C		14053		FSP-2757 FF-035
	8	7					A		
	9	9							
✓	2760	041	2044			10,050			
	1	3				3061.02			
	2	5							
	3	7							
	4	9							
	5	051							
	6	3							
	7	5							
	8	7							
	9	9							
✓	2770	061	2052			10,125			
	1	3				3086.89			
	2	5							
	3	7							
	4	9							
	5	071							
	6	3							
	7	5							
	8	7							
	9	9			T/		14053		LSP-2779 LF-030
✓	2780	081	2100			10,125	14054		FSP-2780 FF-081
	1	3				3086.89	"B"		
	2	5							
	3	7							
	4	9							
	5	091							
	6	3							
	7	5							
	8	7							
	2789	099							

OBSERVERS MARINE REPORT

Client USGS Type instrument DFS-III Offset distance 1134'
 Area EAST COAST Record filter 8/18/62 Group interval 328/164
 State NEW JERSEY Sample rate 4 MS Fold coverage 36
 Observer MC DANIEL gun depth 30' in.³ of guns 1700

Pre-Plot	Shotpoint	File No.	Time	#ldir.	Cable Depth	W.D.	Reel No.	Line No.	Remarks
✓	2790	101	2108	NW	50,54,58,57	10,250	14054	6	RPM 675
	1	3			61,54,57,62	3125	"B"		HEADING 160°
	2	5							T.B. N.V.
	3	7			15,16,x,17				S.O.B. 4.0 W.T
	4	9			19,16,x,19				
	5	111							
	6	3							
	7	5							
	8	7							
	9	9							
✓	2800	121	2115			10,250'			
	1	3				3125			
	2	5			T/C		14054		LSP-2802 LF-126
	3	7			T/C		14055		FSP-2803 FF-127
	4	9					"A"		
	5	131							
	6	3							
	7	5							
	8	7							
	9	9							
✓	2810	141	2124			10,250			
	1	3				3125			
	2	5							
	3	7							
	4	9							
	5	151							
	6	3							
	7	5							
	8	7							
	9	9							
✓	2820	161	2132			10,300'			
	1	3				3140.24			
	2	5							
	3	7							
	4	9							
	5	171			T/C		14055		LSP-2825 LF-172
	6	3			T/C		14056		FSP-2826 FF-173
	7	5					"B"		
	8	7							
	9	9							
✓	2830	181	2141			10,375'			
	1	3				3163.11			
	2	5							
	3	7							
	4	9							
	5	191							
	6	3							
	7	5							
	8	7							
	2839	199							

OBSERVERS MARINE REPORT

Client USGS Type instrument DFS-III Offset distance 1134'
 Area EAST COAST Record filter 8/18/62 Group interval 328/164
 State NEW JERSEY Sample rate 4 MS Fold coverage 36
 Observer MCDANIEL gun depth 30' in.³ of guns 1700

Pre-Plot	Shotpoint	File No.	Time	#1dir.	Cable Depth	W.D.	Reel No.	Line No.	Remarks
✓	2840	201	2149	NW	56, 56, 57, 56	10,300'	14056	6	RPM 625
	1	3			62, 53, 56, 58	3140, 24	"B"		HEADING 162°
	2	5							T.B. N.U.
	3	7			15, 17, X, 17				S.O.B. 4.7 W.T.
	4	9			19, 16, X, 18				
	5	211							
	6	3							
	7	5							
	8	7			T/		14056		LSP - 2848 LF- 218
	9	9			/c		14057		FSP - 2849 FF- 219
✓	2850	221	2158			10,375	"A"		
	1	3				3163.11			
	2	5							
	3	7							
	4	9							
	5	231							
	6	3							
	7	5							
	8	7							
	9	9							
✓	2860	241	2205			10,425'			
	1	3				3178.35			
	2	5							
	3	7							
	4	9							
	5	251							
	6	3							
	7	5							
	8	7							
	9	9							
✓	2870	261	2213			10,400'			
	1	3			T/	3170.73	14057		LSP - 2871 LF 264
	2	5			/c		14058		FSP - 2872 FF 265
	3	7					"B"		
	4	9							
	5	271							
	6	3							
	7	5							
	8	7							
	9	9							
✓	2880	281	2222			10,550'			
	1	3				3216.46			
	2	5							
	3	7							
	4	9							
✓	2889	299							SONO BUOY IN WATER
	5	291							SP- 2885 (22:28)
	6	3							
	7	5							
	8	7							

OBSERVERS MARINE REPORT

Client USGS Type instrument DFS-III Offset distance 1134'
 Area EAST COAST Record filter 8/18/62 Group interval 328/164
 State NEW JERSEY Sample rate 4 ms. Fold coverage 36
 Observer MC DANIEL gun depth 30' in.³ of guns 1700

Pre-Plot	Shotpoint	File No.	Time	#ldir.	Cable Depth	W.D.	Reel No.	Line No.	Remarks
✓	2890	301	2232	NW	50,54,58,56	10,750	14058	6	RPM 700
	1	3			64,52,53,58	3277.4	"B"		HEADING 178°
	2	5			15,16, X, 17				T.B. N.V.
	3	7			19,16, X, 18				S.O.B. 3.4 W.T.
	4	9			T/	10750			LSP-2894 LF-310
	5	311			Tc		14059		FSP-2895 FF-311
	6	3					"A"		
	7	5							
	8	7							
	9	9							
✓	2900	321	2243			10,700			
	1	3				3262.20			
	2	5							
	3	7							
	4	9							
	5	331							
	6	3							
	7	5							
	8	7							
	9	9							
✓	2910	341	2253			10,600			
	1	3				3231.71			
	2	5							
	3	7							
	4	9							
	5	351							
	6	3							
	7	5							
	8	7			T/		14059		LSP-2917 LF-356
	9	9			Tc		14060		FSP-2918 FF-357
	9	9					"B"		
✓	2920	361	2302			10,575			
	1	3				3224.09			
	2	5							
	3	7							
	4	9							
	5	371							
	6	3							
	7	5							
	8	7							
	9	9							
✓	2930	381	2309			10,625			
	1	3				3239.33			
	2	5							
	3	7							
	4	9							
	5	391							
	6	3							
	7	5							
	8	7							
	2939	399							

SLOGS TOTS

SLOGS TOTS

OBSERVERS MARINE REPORT

Client USGS Type instrument DFS-III Offset distance 1134'
 Area EAST COAST Record filter 8/18/62 Group interval 328/164
 State NEW JERSEY Sample rate 4 MS Fold coverage 36
 Observer MCDANIEL gun depth 30' in.³ of guns 1700

Pre-Plot	Shotpoint	File No.	Time	#Dir.	Cable Depth	W.D.	Reel No.	Line No.	Remarks
	2940	401	2317	NW	50, 55, 57, 56	10625	14060	6	RPM 750/725
	1	3			61, 51, 50, 50	3239.33	"B"		HEADING 172°
	2	5			15, 17, X, 17				T.P. NU.
	3	7			19, 16, X, 15				S.O.B. 4.5 W.T.
	4	9			T/1				LSP - 2940 LF - 402
	5	411			1C		14061		FSP - 2941 FF - 403
	6	3					"A"		
	7	5							
	8	7							
	9	9							
✓	2950	421	2323			10650			
	1	3				3246.95			
	2	5							
	3	7							
	4	9							
	5	431							
	6	3							
	7	5							
	8	7							
	9	9							
✓	2960	441	2333			10650			
	1	3				3246.95			
	2	5							
	3	7			T/1		14061		LSP - 2963 LF - 448
	4	9			1C		14062		FSP - 2964 FF - 449
	5	451					"B"		
	6	3							
	7	5							
	8	7							
	9	9							
✓	2970	461	2341			10700			
	1	3				3262.20			
	2	5							
	3	7							
	4	9							
	5	471							
	6	3							
	7	5							
	8	7							
	9	9							
✓	2980	481	2349			10700			
	1	3				3262.20			
	2	5							
	3	7							
	4	9							
	5	491							
	6	3			T/1		14062		LSP - 2986 LF - 494
	7	5			1C		14063		FSP - 2987 FF - 495
	8	7			2988B		"A"		
	2989	499							

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OBSERVERS MARINE REPORT

Client USGS Type instrument DFS III Offset distance 1134'
 Area EAST COAST Record filter 8/18/62 Group interval 328/164
 State NEW JERSEY Sample rate 4 MS Fold coverage 36
 Observer MCDANIEL gun depth 30' in.³ of guns 1700

Pre-Plot	Shotpoint	File No.	Time	#ldir.	Cable Depth	W.D.	Reel No.	Line No.	Remarks
✓	2990	501	2356	NW	50, 52, 53, 57	10,700	14063	6	RPM 725
	1	3			60, 53, 52, 51	3262.20	"A"		HEADING 170°
	2	5							T.B. N.V.
	3	7			15, 16, X, 17				S.O.B. 4.4
	4	9			18, 16, X, 16				
	5	511							
	6	3							
	7	5							
	8	7							
	9	9							
✓	3000	521	0002						
					END OF DAY				

OBSERVERS MARINE REPORT

Client U.S.G.S. Type instrument DEB III Offset distance ³⁴⁶ 1134'
 Area E. COAST Record filter 8-18/62 Group interval 328/164
 State N. J. Sample rate 4ms. Fold coverage 36
 Observer HINES gun depth 30' in.³ of guns 1700

Pre-Plot	Shotpoint	File No.	Time	#ldir.	Cable Depth	W.D.	Reel No.	Line No.	Remarks
	3001	523		N/W	49,53,58,58		14063	6	RPM - 725 FAIR
	2	5			60,52,51,53		A		HEAD - 170°
	3	7			15 16 x 18				T.P. - N.V.
	4	9			18 16 x 16				S.D.B. - 4.6 (W.T.)
	5	531					SHOT 599		
	6	3							
	7	5							
	8	7							FILE # 525 - REDUCE
	9	9					14063		SPEED 25RPMs ON
✓	3010	541	0008		T/C	10,750	1406A		ONE.
	1	3				3277	B		
	2	5							LF - 540 LSP - 3009
	3	7							FF - 541 FSP - 3010
	4	9							
	5	551							
	6	3							
	7	5							
	8	7							
✓	3020	561	0015			10,790			
	1	3				3290			
	2	5							
	3	7							
	4	9							
	5	571							
	6	3							
	7	5							
	8	7							
✓	3030	581	0022			10,820			
	1	3				3299			
	2	5			T/C		1406A		LF - 586 LSP - 3032
	3	7			T/C		14065		FF - 587 FSP - 3033
	4	9					A		
	5	591							
	6	3							
	7	5							
	8	7							
✓	3040	601	0030			10,875			
	1	3				3316			
	2	5							
	3	7							
	4	9							
	5	611							
	6	3							
	7	5							
	8	7							
✓	3050	621	0038			10,900			

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OBSERVERS MARINE REPORT

Client U.S.G.S. Type instrument DFS III Offset distance 113A'
 Area E. COAST Record filter 8-18/62 Group interval 328/164'
 State N.J. Sample rate 4ms. Fold coverage 36
 Observer HINES gun depth 30' in.³ of guns 1700

Pre-Plot	Shotpoint	File No.	Time	#/dir.	Cable Depth	W.D.	Reel No.	Line No.	Remarks
	3051	623		N/W	50,54,57,58		14065	6	RPM - 700 / 725
	2	5			59,53,50,56		A		HEAD - 172°
	3	7			15 16 x 18				T.B. - N.U.
	4	9			18 16 x 17				S.O.B. - 4.0 (W.T.)
	5	631			T/		14065		LF-632 LSP-3055
	6	3			/C		14066		FF-633 FSP-3056
	7	5					B		
	8	7							
	9	9							
✓	3060	641	0046			10,975			
	1	3				3346			
	2	5							
	3	7							
	4	9							
	5	651							
	6	3							
	7	5							
	8	7							
	9	9							
	3070	661	0054			11,000			
	1	3				3354			
	2	5							
	3	7							
	4	9							
	5	671							
	6	3							
	7	5							
	8	7			T/		14066		LF-678 LSP-3078
	9	9			K		14067		FF-679 FSP-3079
✓	3080	681	0102			11,050	A		
	1	3				3369			
	2	5							
	3	7							
	4	9							
	5	691							
	6	3							
	7	5							
	8	7							
	9	9							
✓	3090	701	0109			11,100			
	1	3				3384			
	2	5							
	3	7							
	4	9							
	5	711							
	6	3							
	7	5							
	8	7							
	9	9							
✓	3100	721	0116			11,180			
						3409			

OBSERVERS MARINE REPORT

Client U.S.G.S. Type instrument DFS III Offset distance 1134'
 Area E. COAST Record filter 8-18/62 Group interval 328/164
 State N.J. Sample rate 4ms. Fold coverage 36
 Observer HINES gun depth 30' in.³ of guns 1700

Pre-Plot	Shotpoint	File No.	Time	#/dir.	Cable Depth	W.D.	Reel No.	Line No.	Remarks
✓	3101	723		N/W	T/C		14067	6	BPM - 700/725
	2	5			T/C		14068		HEAD - 164°
	3	7					B		T.B. - N.V.
	4	9			49.51, 59.57				S.O.B. - 4.9 (W.T.)
	5	731			60.52, 53.54				
	6	3			15 16 X 17				
	7	5			18 16 X 16				
	8	7							LF-724 LSP-3101
	9	9							FF-725 FSP-3102
✓	3110	741	0122			11,200			
	1	3				3415			
	2	5							
	3	7							
	4	9							
	5	751							
	6	3							
	7	5							
	8	7							
	9	9							
✓	3120	761	0129			11,250			
	1	3				3430			
	2	5							
	3	7							
	4	9			T/C		14068		LF-770 LSP-3124
	5	771			T/C		14069		FF-771 FSP-3125
	6	3					A		
	7	5							
	8	7							
	9	9							
✓	3130	781	0135			11,275			SLOW TO 700 ON
	1	3				3438			A PAIR.
	2	5							
	3	7							
	4	9							
	5	791							
	6	3							
	7	5							
	8	7							
	9	9							
✓	3140	801	0140			11,300			
	1	3				3445			
	2	5							
	3	7							PARITY FILE # 813?
	4	9							
	5	811							
	6	3							
	7	5			T/C		14069		LF-816 LSP-3147
	8	7			T/C		14070		FF-817 FSP-3148
	9	9					B		
✓	3150	821	0146			11,350			

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OBSERVERS MARINE REPORT

Client U.S.G.S. Type instrument DFS-III Offset distance 1134'
 Area E. COAST Record filter 8-18/62 Group interval 328/164
 State N.J. Sample rate 4ms. Fold coverage 36
 Observer HINES gun depth 30' in.³ of guns 1700

Pre-Plot	Shotpoint	File No.	Time	#ldir	Cable Depth	W.D.	Reel No.	Line No.	Remarks
	3151	823		N/W	48.54, 58.57		14070	6	BPM - 700 PAIR
	2	5			56.50, 55.56		B		HEAD - 149°
	3	7			15.16 X 17				T.B. - N.U.
	4	9			17.15 X 17				S.O.B. - 5.0 (W.T.)
	5	831							
	6	3							
	7	5							
	8	7							
	9	9							
✓	3160	841	0152			11,375			SONABUOY OVERBOARD
	1	3				3468			SP # 3159
	2	5							
	3	7							
	4	9							
	5	851							
	6	3							
	7	5							
	8	7							
	9	9							
✓	3170	861	0158		T/	11,460'	14070		LF-862 LSP-3170
	1	3			IC	3494	14071		FF-863 FSP-3171
	2	5					A		
	3	7							
	4	9							
	5	871							
	6	3							
	7	5							
	8	7							
	9	9							
✓	3180	881	0204			11,500			
	1	3				3506			
	2	5							
	3	7							
	4	9							
	5	891							
	6	3							
	7	5							
	8	7							
	9	9							
✓	3190	901	0210			11,540			
	1	3				3518			
	2	5							
	3	7			T/		14071		LF-908 LSP-3193
	4	9			IC		14072		FF-909 FSP-3194
	5	911					B		
	6	3							
	7	5							
	8	7							
	9	9							
60	✓	3200	921	0216		11,620			STOP HERE

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OBSERVERS MARINE REPORT

Client U.S.G.S. Type instrument DFS III Offset distance 1134'
 Area E. COAST Record filter B-18/62 Group interval 328/164
 State N.J. Sample rate 4ms. Fold coverage 36
 Observer HINES gun depth 30' in.³ of guns 1700

Pre-Plot	Shotpoint	File No.	Time	#Dir.	Cable Depth	W.D.	Reel No.	Line No.	Remarks
	3201	923		N/W			14072	6	RPM - 700 PAIR
60	2	5					B		HEAD - 150°
	3	7							T.B. - N.V.
	4	9							S.O.B. - S.G (W.T.)
	5	931							
	6	3							
	7	5							
	8	7							
	9	9							
✓	3210	941	0222			11,640			
	1	3							
	2	5							
	3	7							
	4	9							
	5	951							
	6	3							
	7	5			T/C		14072		LF-954 LSP-3216
	8	7			T/C		14073		FF-955 FSP-3217
	9	9					A		
✓	3220	961	0228			11,700			
	1	3							NEW SHOOTING 1560 ³
	2	5							IN ON GUNS - 300° IN.
	3	7							GUN OFF LINE.
	4	9							
	5	971							SLOW TO 700/675.
	6	3							
	7	5							
	8	7							
	9	9							
✓	3230	981	0234			11,760			
	1	3							
	2	5							
	3	7							
	4	9							
	5	991							
	6	3							
	7	5							
	8	7							
	9	9							
✓	3240	001	0240			11,840	14074		LF 000 LSP 3239
	1	3					B		FF 001 FSP 3240
	2	5							
	3	7							
	4	9							
	5	011							
	6	3							
	7	5							
	8	7							
	9	9							
✓	3250	021	0246			11,880			

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OBSERVERS MARINE REPORT

Client U.S.G.S. Type instrument DFS III Offset distance 1134'
 Area E. COAST Record filter 8-18/62 Group interval 328/164
 State N.J. Sample rate 4ms. Fold coverage 36
 Observer HINES gun depth 30' in.³ of guns 1560

Pre-Plot	Shotpoint	File No.	Time	#Dir.	Cable Depth	W.D.	Reel No.	Line No.	Remarks
	3251	023		N/W	50,55,58,56 57,52,54,55		14074 'B'	6	RPM - 675/700 HEAD - 151 T.B. - N.V. S.O.B. - 5.5 (W.T)
	2	5							
	3	7							
	4	9							
	5	031							
	6	3							
	7	5							
	8	7							
	9	9							
✓	3260	041	0252			12,000			FILE 039 - PARITY ERROR
	1	3							
	2	5			T/C				LF 046 LSP 3262
	3	7					14075		FF 047 FSP 3263
	4	9					'A'		
	5	051							
	6	3							
	7	5							
	8	7							
	9	9							
✓	3270	061	0258			12,100			
	1	3							
	2	5							
	3	7							
	4	9							
	5	071							
	6	3							
	7	5							
	8	7							
	9	9							
✓	3280	081	03:04			12,125			
	1	3							
	2	5							
	3	7							
	4	9							
	5	091							
	6	3							
	7	5					14076		LAST FILE #092
	8	7					'B'		FIRST FILE #093
	9	9							
✓	3290	101	03:10			12,140			
	1	3							
	2	5							
	3	7							
	4	9							
	5	111							
	6	3							
	7	5							
	8	7							
	9	9							
✓	3300	121	03:16			12,140			

OBSERVERS MARINE REPORT

Client USGS Type instrument DFS III Offset distance 1134'
 Area E. COAST Record filter 8-18-62 Group interval 328/164
 State N.J. Sample rate 4ms Fold coverage 36
 Observer HINES gun depth 30' in.³ of guns 1560

Pre-Plot	Shotpoint	File No.	Time	#1dir	Cable Depth	W.D.	Reel No.	Line No.	Remarks
	3301	123		NW	52-54-58-56 58-59-56-60		14076	6	RPM'S - 675 PR. HEADING - 196° TAILBUOY - NN. SAB - 5.6
	2	5					"B"		
	3	7							
	4	9							
	5	131							
	6	3							
	7	5							
	8	7							
	9	9					14077		LAST FILE 138 FIRST FILE 139
✓	3310	141	03:22			12,225	"A"		
	1	3							
	2	5							
	3	7							TRACES 47 AND 48 TRIPPED INTO FINAL GAN ON WATER BREAK.?
	4	9							
	5	151							
	6	3							
	7	5							
	8	7							
	9	9							
✓	3320	161	03:28			12,260			
	1	3							
	2	5							
	3	7							
	4	9							
	5	171							
	6	3							
	7	5							
	8	7							
	9	9							
✓	3330	181	03:34			12,290			
	1	3							LAST FILE #184 FIRST FILE #185
	2	5					14078		
	3	7					"B"		
	4	9							
	5	191							
	6	3							
	7	5							
	8	7							
	9	9							
✓	3340	201	03:40			12,350			
	1	3							
	2	5							
	3	7							
	4	9							
	5	211							
	6	3							
	7	5							
	8	7							
	9	9							
✓	3350	221	03:46			12,400			

 DATE 9/17/74

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OBSERVERS MARINE REPORT

Client USGS Type instrument DFS II Offset distance 1134
 Area EAST COAST Record filter B-18-62 Group interval 328/164
 State N.J. Sample rate 4ms Fold coverage 36
 Observer HINES gun depth 30' in.³ of guns 1560

Pre-Plot	Shotpoint	File No.	Time	#Dir.	Cable Depth	W.D.	Reel No.	Line No.	Remarks
	3351	223		N/W	54-56-58-56 58-52-54-60		14078	6	RPM - 650-675
	2	5					B		HEADING - 151°
	3	7							TAILBUOY - N/V
	4	9							SUB - 5.9
	5	231							
	6	3							
	7	5							
	8	7					14079		
	9	9					A		
✓	3360	241	03:51			12,480			LAST FILE # 230 FIRST FILE # 231
	1	3							
	2	5							1700 ³ IN.
	3	7							
	4	9							
	5	251							
	6	3							
	7	5							
	8	7							
	9	9							
✓	3370	261	03:58			12,540			
	1	3							
	2	5							
	3	7							
	4	9							
	5	271							
	6	3							
	7	5					14079		LF-276 LSP-3377
	8	7					14080		FF-277 FSP-3378
	9	9					B		
✓	3380	281	04:04			12,560			
	1	3							
	2	5							
	3	7							
	4	9							
	5	291							
	6	3							
	7	5							
	8	7							
	9	9							
✓	3390	301	04:09			12,625			
	1	3							
	2	5							
	3	7							
	4	9							
	5	311							
	6	3							
	7	5							
	8	7							
	9	9							
✓	3400	321	04:15				14080		LF-322 LSP-3400

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 T/C FF-323 FSP-3401 PAGE 8 of

OBSERVERS MARINE REPORT

Client U.S.G.S. Type instrument D.F.S. III Offset distance 1134
 Area EAST COAST Record filter 8-18-62 Group interval 328/164
 State N. J. Sample rate 4ms Fold coverage 36
 Observer HINES gun depth 30' in.³ of guns 1700

Pre-Plot	Shotpoint	File No.	Time	#ldir	Cable Depth	W.D.	Reel No.	Line No.	Remarks
	3401	323		N/W	50, 54, 58, 56	12,150	14081	6	R.P.M. - 675/650
	2	5			57, 51, 55, 60	12,150	A		HEADING - 145°
	3	7				12,150			TAILBUOY - N.O.
	4	9				12,150	14081		S.O.B. - 5.4 (W.T.)
	5	331			T/C				
	6	332			T/C		14082		
	7	5				12,150	B		PARITY FILE # 324
	8	7			T/C		14082		" " # 326
	9	9			T/C				# 327
✓	3410	341	0421		T/C	12,150	14083		# 328
	1	3					A		# 329
	2	5							# 330
	3	7							# 331
	4	9							# 333
	5	351							# 334
	6	3							# 335
	7	5							# 336
	8	7							# 337
	9	9							# 338
✓	3420	361	0428			12,760			# 339
	1	3							PARITY COMING THRU
	2	5							ON SINGLE TRACE
	3	7							PLOTTER.
	4	9							
	5	371							LF-331 LSP-3405
	6	3							FF-332 FSP-3405
	7	5							
	8	7							
	9	9							LF-339 LSP-3409
✓	3430	381	0434			12,790			FF-340 FSP-3409
	1	3			T/C		14083		
	2	5			T/C		14084		LF-384 LSP-3431
	3	7			T/C		14084		FF-385 FSP-3432
	4	9			T/C				
	5	391			T/C		14085		LF-389 LSP-3434
	6	3					A		FF-390 FSP-3434
	7	5							
	8	7							PARITY # 385 & 386, 387
	9	9							388, 389.?
✓	3440	401	0440			12,850			
	1	3							
	2	5							
	3	7							
	4	9							
	5	411							
	6	3							
	7	5							
	8	7							
	9	9							
✓	3450	421	0446			12,875			

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OBSERVERS MARINE REPORT

Client U.S.G.S Type instrument DFS - III Offset distance 1134'
 Area E. COAST Record filter 8-18/62 Group interval 328/164
 State N.J. Sample rate 4MS. Fold coverage 36
 Observer HINES gun depth 30' in.³ of guns 1700

Pre-Plot	Shotpoint	File No.	Time	#/dir.	Cable Depth	W.D.	Reel No.	Line No.	Remarks
.	3451	423		N/W	49,54,57,55		14085	6	RPM - 675/650
.	2	5			59,53,55,61		A		HEAD - 137°
.	3	7							T.B. - N.U.
.	4	9							S.O.B. - 5.4 (W.T.)
.	5	431							
.	6	3			T/		14085		LF-435 LSP-3457
.	7	5			/C		14086	6088	FF-436 FSP-3457
.	8	7					B		LF-439 LSP-3459
.	9	9			T/				FF-440 FSP-3459
✓	3460	441	0453		/C	12,900	14087		
.	1	3					A		
.	2	5							
.	3	7							PARITY ON FILES #
.	4	9							436, 437, 438, & 439!
.	5	451							
.	6	3							
.	7	5							
.	8	7							
.	9	9							
✓	3470	461	0459			13,000			
.	1	3							SONABUOY OVERBOARD.
.	2	5							
.	3	7							
.	4	9							
.	5	471							
.	6	3							
.	7	5							
.	8	7							FILE # 486 WAS A
.	9	9							SHORT FILE.
✓	3480	481	0505			13,100'			
.	1	3							
.	2	5			T/		14087		LF-486 LSP-3482
.	3	7			/C		14088	6088	FILES # 487 & 488?
.	4	9					14089		FF-489 FSP-3484
.	5	491					A		
.	6	3							
.	7	5							PARITY ON FILES # 487
.	8	7							& 488.
.	9	9							
✓	3490	501	0511			13,125			
.	1	3							NOW ONLY USING
.	2	5							ONE TRANSPORT "A".
.	3	7							"B" TRANSPORT OUT
.	4	9							OF ORDER.
.	5	511							
.	6	3							
.	7	5							
.	8	7							
.	9	9							
✓	3500	521	0518			13,160			

DATE 9/17/74

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OBSERVERS MARINE REPORT

Client U.S.G.S Type instrument DFS 4H Offset distance 1134'
 Area E. COAST Record filter 8-10/162 Group interval 328/164
 State N.J. Sample rate 4ms. Fold coverage 36
 Observer HINES gun depth 30 in.³ of guns 1700

Pre-Plot	Shotpoint	File No.	Time	#/dir.	Cable Depth	W.D.	Reel No.	Line No.	Remarks
	3501	523		N/W			14089	6	RPM - 650/675
	2	5					A		HEAD - 141°
	3	7							T.B. - N.W.
	4	9							S.O.B. - S.E. (W.T.)
	5	531							
	6	3			T/C		14089		LF-534 LSP-3506
	7	5			/C		14090		FF-535 FSP-3507
	8	7					B		
✓	3510	541	05:25			13,225			NOW USING "B" XTP.?
	1	3							
	2	5							
	3	7							
	4	9							
	5	551							
	6	3							
	7	5							
	8	7							FILE #558 PARITY.?
	9	9							FILE #560 PARITY.?
✓	3520	561	05:31			13,320			FILE #564 PARITY.?
	1	3							
	2	5							
	3	7							TAPE CHANGE.
	4	7							LAST FILE # 568
	5	571					14091		FIRST FILE # 569
	6	3							
	7	5							
	8	7							
	9	9							
✓	3530	581	05:37			13,350			
	1	3							
	2	5							
	3	7							
	4	9							
	5	591							
	6	3							
	7	5							
	8	7							
	9	9							
✓	3540	601	05:44			13,375			
	1	3							USING "A" TRANSPORT
	2	5							ONLY.?
	3	7							
	4	9							
	5	611							
	6	3					14091		LAST FILE 614
	7	5							MISSED 2 POPS TAPE CHANGE
	8	7					14092		FIRST FILE 617
	9	9							
✓	3550	621				13,425			

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OBSERVERS MARINE REPORT

Client U.S.G.S. Type instrument DFS-TL Offset distance 1134'
 Area E. COAST Record filter 8-18/62 Group interval 328/64
 State N.J. Sample rate 4ms. Fold coverage 36
 Observer HINES gun depth 30' in.³ of guns 1700

Pre-Plot	Shotpoint	File No.	Time	#ldir	Cable Depth	W.D.	Reel No.	Line No.	Remarks
	3551	623		N/W	50-54-52-56 56-58-52-60		14092	6	RPM - 685 PAIR HEAD - 136° T.B. - N/U S.O.B. - 5.4
	2	5					A		
	3	7							
	4	9							
	5	631							
	6	3							
	7	5							
	8	7							
	9	9							
✓	3560	641	05:56			13,400	14092		
	1	3							
	2	5							
	3	7							
	4	9							
	5	651							
	6	3							
	7	5							
	8	7							
	9	9							
✓	3570	661	06:02			13,400	14092		LAST FILE # 664 MISSED 2 POPS FIRST FILE # 665
	1	3							
	2	5					14093		
	3	7					A		
	4	9							
	5	671							
	6	3							
	7	5							
	8	7							
	9	9							
✓	3580	681	06:08			13,400			
	1	3							
	2	5							
	3	7							
	4	9							
	5	691							AIR LEAK - FILES 689, 700?
	6	3							
	7	5							
	8	7							
	9	9							
✓	3590	701	06:16			13,410			
	1	3							
	2	5							
	3	7							
	4	9							
	5	711							LF 710 LSP 3594 MISSED SP 3595 (FILES 711 + 712) FF 713 FSP 3596
	6	3					14094		
	7	5					A		
	8	7							
	9	9							
✓	3600	721	06:22			13,430			

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OBSERVERS MARINE REPORT

Client USGS Type instrument DFS III Offset distance 1139
 Area E. COAST Record filter 8-18-62 Group interval 328/164
 State N.J. Sample rate 4ms Fold coverage 36
 Observer HINES gun depth 30' in.³ of guns 1700

Pre-Plot	Shotpoint	File No.	Time	#Dir.	Cable Depth	W.D.	Reel No.	Line No.	Remarks
	3601	723		NW	50, 54, 56, 54		14094	6	RPM'S - 625 PAIR
	2	5			53, 58, 55, 60		'A'		HEADING - 140
	3	7							TAILBUOY - N.V.
	4	9							SOB - 5.5 (W.T.)
	5	731							
	6	3							
	7	5							
	8	7							
	9	9							
✓	3610	741	0629			13,500			
	1	3							
	2	5							
	3	7							
	4	9							
	5	751							
	6	3							
	7	5							
	8	7							
	9	9							
✓	3620	761	0636			13,525	14095		LF 758 LSP 3618 ✓ MISSED SP 3619 (FILES 759 + 760)
	1	3					'A'		FF 761 FSP 3620
	2	5							
	3	7							
	4	9							
	5	771							
	6	3							
	7	5							
	8	7							
	9	9							
✓	3630	781	0642			13,550			
	1	3							
LE	2	5							INCREASED SPEED TO
	3	7							625/650.
	4	9							
LE	5	791							
	6	3							
	7	5							
	8	7							
	9	9							
✓	3640	801	0650			13,550			
	1	3							
	2	5							LF 806 LSP 3642 ✓
	3	7							MISSED SP 3643 (FILES 807 + 808)
	4	9							FF 809 FSP 3644
	5	811					14096		
	6	3					'A'		
	7	5							
	8	7							
	9	9							
✓	3650	821	0657			13,575			

OBSERVERS MARINE REPORT

Client USGS Type instrument DFS-11T Offset distance 1134'
 Area EAST COAST Record filter 8-18-62 Group interval 328/164
 State NEARLY TERSER Sample rate AMS. Fold coverage 36
 Observer MCDONNELL gun depth 30' in.³ of guns 1700³IN

Pre-Plot	Shotpoint	File No.	Time	#ldir	Cable Depth	W.D.	Reel No.	Line No.	Remarks
"A"	3633	002	2057	N/W	50, 63, 54	1350	1A098	6	RPM - 050
	4	4			52, 53, 54	4116	"A"		HEADING 1130
	5	6							T/B. N-V.
	6	8							SUB. 4-5 (WT)
	7	010							
	8	2							
	9	4							
	3640	6	2112						
	1	8							
A STAYS	2	020							
	3	2							
	4	4							
	5	6							
	6	8							
	7	030							
	8	2							
	9	4							
	3650	6	2118						
1	8					13625			
2	040					4154			
3	2								
4	4						1A098	LAST FILE 045 sp 3655	
5	6						1A099	FIRST FILE 046 sp 3656	
6	8						"B"		
7	050								
8	2								
9	4								
3660	6	2124							
1	8								
2	060								
3	2								
4	4								
5	6								
6	8								
7	070								
8	2								
9	4								
3670	6	2130							
1	8						13550		
2	080						4131		
3	2								
4	4								
5	6								
6	8								
7	090								
8	2								
9	4								
3680	6	2137							
1	8								
2	100								

 DATE 9-19-74

M/V GULF SEAL



digicon inc.
HOUSTON, TEXAS

Date 19 SEPT 74

Type Coverage 36 FOLD

MARINE LOG

Area USGS New Jersey

Shot Point Spacing 328'

Party No. 511 2-298

TIME	LINE	SHOT POINTS	D I R	TOTAL SHOT POINTS	MILES	OTHER TIMES				Chargeable TIME	REMARKS
						TRAVEL	LINE CHANGE	DOWN	SURV.		
17:30											REACHED LAYOUT
21:07 21:36	6	3633A 3678A	5/2	-	-						"A" SHOTS - OVERLAP EXTRA TO COVER A FEW WORK POPS AT LINE CUT OFF.
21:36 24:00	6	3679 3882	5/2	204	12.67						END DAY 19 SEPT
											WEATHER GOOD CABLE + GUNS GOOD P.T.O. O.K. PLUGGED 2 MORE TUBES IN SYBD COOLER (STOPPED LEAK)
											3633- 3880 1-5
				204	12.67						TOTALS

TOTAL MEN 24
TOTAL MEALS 72

ACC. MILES PROSPECT 670.13
ACC. MILES FOR MONTH 816.71

[Signature]
PARTY MANAGER

OBSERVERS MARINE REPORT

Client USGS Type instrument DFS III Offset distance 1134
 Area E. COAST Record filter 8-18-62 Group interval 328/164
 State N.S. Sample rate 4ms Fold coverage 36
 Observer HINES gun depth 30' in.³ of guns 1700

Pre-Plot	Shotpoint	File No.	Time	#ldir.	Cable Depth	W.D.	Reel No.	Line No.	Remarks
	3651	823		NW	50,54,56,55		14096	6	RPM'S - 625/650
	2	5			54, 50, 55, 60		'A'		HEADING - 135
	3	7							TAILBUOY - N.V.
	4	9							SOB - 4.7(W.T.)
	5	831							
	6	3							NOW SHOOTING 1660 IN ³ ON GUNS
	7	5							
	8	7							
	9	9							
✓	3660	841	0705			13,600			
	1	3							
	2	5							
	3	7							
	4	9							
	5	851							
	6	3							
	7	5							
	8	7							
	9	9							
	✓ 3670	861	0713			13,625			NOW SHOOTING WITH 1500 IN ³ ON GUNS.
	1	3							
	2	5							
	3	7							
	4	9							
	5	871							NOW SHOOTING 1420 IN ³ ON GUNS.
	6	3							
	7	5							
	8	7	0719			13,725			ONE COMPRESSOR OFF-LINE. DECREASING SPEED TO 575 PAIR.
	9	9							
	3680	881							DECREASED SPEED TO CLUTCH ON A PAIR
	1	3							
	2	5							
	3	7							
	4	9							
	5	891							
	6	3							
	7	5							
	8	7							
	9	9							
	3690	901							
	1	3							
	2	5							
	3	7							
	4	9							
	5	911							
	6	3							
	7	5							
	8	7							
	9	9							
	3700	921							

SLOT 6432

14097 'A'

SLOT 6433

STOPPED SHOOTING BECAUSE OF COMPRESSOR TROUBLE (STD COMPRESSOR)
 LSP 3678 LF 878

506-3-68

OBSERVERS MARINE REPORT

Client USGS Type instrument DPS-II Offset distance 1134'
 Area EAST COAST Record filter 8-18-62 Group interval 328/164
 State NEW-JERSEY Sample rate 4MG Fold coverage 36
 Observer MRE gun depth 30' in.³ of guns 1700

Pre-Plot	Spotpoint	File No.	Time	#1dir.	Cable Depth	W.D.	Reel No.	Line No.	Remarks
✓	3683	002		Y	50, 56, 63, 50		1A100	6	RPT. 025-650 HEADLINE 113° TB. N.V. SOB. 4.5 WT-
	4	4			53, 52, 56, 58				
	5	6							
	6	8							
	7	110							
	8	2							
✓	3690	6	2145			13625			
	1	8				4154			
	2	120							
	3	2							
	4	4							
	5	6							
	6	8							
	7	130							
	8	2							
	9	4							
✓	3700	6	2152			11250	14100		LAST FILE-137 SP 3700
	1	8				3436	14101		FIRST FILE-138 SP 3701
	2	140					15		
	3	2							
	4	4							
	5	6							
	6	8							
	7	150							
	8	2							
	9	4							
✓	3710	6	2159			16875			
	1	8				3316			
	2	160							
	3	2							
	4	4							
	5	6							
	6	8							
	7	170							
	8	2							
	9	4							
✓	3720	6	2206			10575			
	1	8				3163			
	2	180							
	3	2					14101		LSP-3723 LF-153
	4	4					14102		KSP-3724 LF-154
	5	6					"A"		
	6	8							
	7	190							
	8	2							
	9	4							
✓	3730	6	2213			9750			
	1	8				2973			
	2	200							

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OBSERVERS MARINE REPORT

Client USGS Type instrument DFS III Offset distance 1134
 Area EAST COAST Record filter 8/18/62 Group interval 328/164
 State NEW JERSEY Sample rate 4 MS Fold coverage 36
 Observer Mc DANIEL gun depth 30' in.³ of guns 1700

Pre-Plot	Shotpoint	File No.	Time	#/dir.	Cable Depth	W.D.	Reel No.	Line No.	Remarks
	3733	202		NW	50, 56 , 63 56		14102	6	RPM 625/650
	4	4			53, 52, 54 58		'A'		HEADING 131°
	5	6							T.B. N.W.
	6	8							5.0. B. 4.6 W.T.
	7	210							
	8	2							
	9	4							
✓	3740	6	2220				9750		
	1	8					2973		
	2	220							
	3	2							
	4	4							
	5	6							
	6	8							
	7	230			TC		14102		LSP-3746 LF-229
	8	2					14103		FSP-3747 FF-230
	9	4					'B'		
✓	3750	6	2228				9625		
	1	8					2934		
	2	240							
	3	2							
	4	4							
	5	6							
	6	8							
	7	250							
	8	2							
	9	4							
✓	3760	6	2234				10,000		
	1	8					3049		
	2	260							
	3	2							
	4	4							
	5	6							
	6	8							
	7	270							
	8	2							
	9	4							
✓	3770	6	2242				11,250	14104	LSP-3769 LF 275
	1	8					3430	'A'	FSP-3770 FF 276
	2	280							
	3	2							
	4	4							
	5	6							
	6	8							
	7	290							DECREASE RPM TO 600 A PAIR
	8	2							
	9	4							
✓	3780	6	2250				12,250		
	1	8					3735		
	2	300							

OBSERVERS MARINE REPORT

Client USGS Type instrument DFS-III Offset distance 1134'
 Area EAST COAST Record filter 8/18/62 Group interval 328/164
 State NEW JERSEY Sample rate 4 ms. Fold coverage 36
 Observer MR DANIEL gun depth 30' in.³ of guns 1700

Pre-Plot	Shotpoint	File No.	Time	#dir.	Cable Depth	W.D.	Reel No.	Line No.	Remarks
	3783	302		NW	46, 46, 63, 52		14104	6	RPM 600
	4	4			45, 46, 46, 62		"A"		HEADING 128°
	5	6							T.B. N.U.
	6	8							S.O.B. 4.4 W.T
	7	310							
	8	2							
	9	4							
✓	3790	6	2256			13500'			INCREASE RPMs TO 650 ON PAIR
	1	8				4116			
	2	320			T/C		14104		LSP-3792 LF-321
	3	2					14105		FSP-3793 FF-322
	4	4					"B"		
	5	6							
	6	8							
	7	330							
	8	2							
✓	3800	6	2304			13375'			
	1	8				4078			
	2	340							INCREASE RPM- TO 700 RPM PR.
	3	2							
	4	4							
	5	6							
	6	8							
	7	350							
	8	2							
✓	3810	6	2312			13375'			SEND BUOY IN WATER - SP-3810?
	1	8				4078			PAINTY ERROR - FILE 358?
	2	360							
	3	2							
	4	4							
	5	6					14104		LSP-3815 LF-367
	6	8			T/C		14106		FSP-3816 FF-368
	7	370					"A"		
	8	2							
✓	3820	6	2318			13375'			
	1	8				4078			
	2	380							
	3	2							
	4	4							
	5	6							
	6	8							
	7	390							
	8	2							
✓	3830	6	2325			13375'			
	1	8				4078			
	2	400							

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OBSERVERS MARINE REPORT

Client USGS Type instrument DFS-III Offset distance 1134
 Area EAST COAST Record filter 8/18/62 Group interval 328/164
 State NEW JERSEY Sample rate 4 MS Fold coverage 36
 Observer MCDANIEL gun depth 30' in.³ of guns 1700

Pre-Plot	Shotpoint	File No.	Time	#dir.	Cable Depth	W.D.	Reel No.	Line No.	Remarks
	3833	402		NW	52, 65, 53		14106	6	RPM 700
	4	4			50, 50, 58		"A"		HEADING 125°
	5	6							T.B. N.V.
	6	8							S.O.B. 5.4 W.T
	7	410							
	8	2			1		14106		LSP-3838 LF-413
	9	4			1c		14107		FSP-3839 FF-414
✓	3840	6	2332				13375 "B"		
	1	8					4078		
	2	420							
	3	2							
	4	4							
	5	6							
	6	8							
	7	430							
	8	2							
	9	4							
✓	3850	6	2338				13375		
	1	8					4078		
	2	440							
	3	2							
	4	4							
	5	6							
	6	8							
	7	450							
	8	2							
	9	4							
✓	3860	6	2344				13400		
	1	8					4085	14108	LSP-3861 LF-459
	2	460			1c			14108	FSP-3862 FF-460
	3	2						"A"	
	4	4							
	5	6							
	6	8							
	7	470							
	8	2							
	9	4							
✓	3870	6	2350				13450		
	1	8					4101		
	2	480							
	3	2							
	4	4							
	5	6							
	6	8							
	7	490							
	8	2							
	9	4							
✓	3880	6	2357				13500	13500	
	1	8					4116		
	2	500							

OBSERVERS MARINE REPORT

Client USGS Type instrument DES-III Offset distance 1134'
 Area EAST COAST Record filter 8/18/62 Group interval 328/164
 State NEW JERSEY Sample rate 4 MS Fold coverage 36
 Observer HINES gun depth 30' in.³ of guns 1700

Pre-Plot	Shotpoint	File No.	Time	#1 dir.	Cable Depth	W. D.	Reel No.	Line No.	Remarks
	3883	502		NW	50, 56, 62, 52		14108	6	RPM - 700 PAIR
	4	4	T/		50, 51, 54, 60		'A'		HEADING - 123°
	5	6	/C				14109		T.B. - N.V.
	6	8					B		S.O.B. - 4.9 (W.T.)
	7	510							
	8	2							LF-505 LSP-3884
	9	4							FF-506 FSP-3885
✓	3890	516	0005			13,500			
	1	8							
	2	520							
	3	2							
	4	4							
	5	6							
	6	8							
	7	530							
	8	2							
	9	4							
✓	3900	6	0011			13,510			
	1	8							
	2	540							
	3	2							
	4	4							
	5	6							
	6	8							
	7	550			T/		14109		LF-551 LSP-3907
	8	2			/C		14110		FF-552 FSP-3908
	9	4					A		
✓	3910	6	0019			13,540			
	1	8							
	2	560							
	3	2							
	4	4							
	5	6							
	6	8							
	7	570							
	8	2							
	9	4							
✓	3920	6	0026			13,550			
	1	8							
	2	580							
	3	2							
	4	4							
	5	6							
	6	8							
	7	590							
	8	2							
	9	4							
	3930	6	0032		T/	13,560	14110		LF-597 LSP-3930
	1	8			/C		14111		FF-598 FSP-3931
	3932	600					B		

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M/V GULF SEAL



digicon inc.
HOUSTON, TEXAS

Date 20 SEPT 74

Type Coverage 2 1/2 FOLD

MARINE LOG (9500)

Area USCG NEW JERSEY

Shot Point Spacing 328'

Party No. 511 2-298

TIME	LINE	SHOT POINTS	D I R	TOTAL SHOT POINTS	MILES	OTHER TIMES				Chargeable TIME	REMARKS
						TRAVEL	LINE CHANGE	DOWN	SURV.		
08:26 09:01	6	4652 3883	5/6	770	47.83						LINE #6 COMPLETE
10:00											* These Field TAPES have been Demultiplexed AND output IN SEGTY Format @ 6250 BPI New op Demultiplexed TAPES will be listed
											* Representing <u>Kenny</u> 8/15/83
											CABLE IN USED FOR DEMAND HEAD SHORE CALLS IN ABOUT PRE-LOTS FOR LINE 'B' - AGAIN HAVE WRONG CUES ON TAPE. MAY HAVE TO GO INTO MOOREHEAD CITY TO PICK UP NEW PRE-LOTS. (JUPITER)
				770	47.83						TOTALS

TOTAL MEN 24
TOTAL MEALS 72

ACC. MILES PROSPECT 77.76
ACC. MILES FOR MONTH 064.54

[Signature]
PARTY MANAGER

OBSERVERS MARINE REPORT

Client U.S.G.S. Type instrument DFS III Offset distance 1134'
 Area E. COAST Record filter 8-18/62 Group interval 328/164'
 State N.J. Sample rate 4ms. Fold coverage 36
 Observer HINES gun depth 30' in.³ of guns 1700

Pre-Plot	Shotpoint	File No.	Time	#ldir	Cable Depth	W.D.	Reel No.	Line No.	Remarks
	3933	602		H/W	52.56, 62.54		14111	6	RPM - 700 PAIR
	4	4			50.50, 52.59		B		HEAD - 118°
	5	6							T.B. - N.U.
	6	8							S.O.B. - 5.1 (W.T.)
	7	610							
	8	2							
✓	3940	6	0039			13,580			
	1	8							
	2	620							
	3	2							
	4	4							
	5	6							
	6	8							
	7	630							
	8	2							
	9	4							
✓	3950	6	0046			13,600			
	1	8							
	2	640							
	3	2			T/C		14111		
	4	4			T/C		14112		
	5	6					A		
	6	8							
	7	650							
	8	2							
	9	4							
✓	3960	6	0053			13,625			
	1	8							
	2	660							
	3	2							
	4	4							
	5	6							
	6	8							
	7	670							
	8	2							
	9	4							
✓	3970	6	0059			13,640			
	1	8							
	2	680							
	3	2							
	4	4							
	5	6							
	6	8							
	7	690			T/C		14112		LF - 689 LSP-3976
	8	2			T/C		14113		FF - 690 FSP-3977
	9	4					B		
✓	3980	6	0106			13,650			
	1	8							
	3982	700							

OBSERVERS MARINE REPORT

Client U.S. G.S. Type instrument DFS III Offset distance 1134'
 Area E. COAST Record filter 8-18/62 Group interval 328/164
 State N.J. Sample rate 4ms. Fold coverage 36
 Observer HINES gun depth 30' in.³ of guns 1700

Pre-Plot	Shotpoint	File No.	Time	#Dir.	Cable Depth	W.D.	Reel No.	Line No.	Remarks
	3983	702		N/W	51,54,61,54		14113	6	RPM - 700 PAIR
	4	4			50,50,55,60		B		HEAD - 115°
	5	6							T.B. - N.V.
	6	8							S.O.B. - 4.5 (W.T.)
	7	710							
	8	2							
	9	4							
✓	3990	6	0112			13690			
	1	8							
	2	720							
	3	2							
	4	4							
	5	6							
	6	8							
	7	730							
	8	2							
	9	4							
✓	4000	6	0119		T/C	13720	14114		LF-735 LSP-3999
	1	8					A		FF-736 FSP-4000
	2	740							
	3	2							
	4	4							
	5	6							
	6	8							
	7	750							
	8	2							
	9	4							
✓	4010	6	0126			13730			
	1	8							
	2	760							
	3	2							
	4	4							
	5	6							
	6	8							
	7	770							
	8	2							
	9	4							
✓	4020	6	0132			13740			
	1	8							
	2	780			T/C		14114		LF-781 LSP-4022
	3	2					14115		FF-782 FSP-4023
	4	4					B		
	5	6							
	6	8							
	7	790							
	8	2							
	9	4							
✓	4030	6	0139			13750			
	1	8							
	4032	0							

OBSERVERS MARINE REPORT

Client U.S.G.S. Type instrument DFS III Offset distance 1134'
 Area E. COAST Record filter 8-18/62 Group interval 328/164
 State N.J. Sample rate 4ms. Fold coverage 36
 Observer HINES gun depth 30' in.³ of guns 1700

Pre-Plot	Shotpoint	File No.	Time	#ldir.	Cable Depth	W.D.	Reel No.	Line No.	Remarks
-	4033	802		N/W	51,53,62,54		14115	6	BPM - 700 PAIR
	4	4			50,44,54,60		B		HEAD - 120°
	5	6							T.B. - N.V.
	6	8							S.O.B. - 4.5 (W.T)
	7	810							
	8	2							
	9	4							
✓	4040	6	0146			13,750			
	1	8							
	2	820							
	3	2							
	4	4							
	5	6							
	6	8							
	7	830					14115		LF - 829 LSP - 4046
	8	2					14116		FF - 830 FSP - 4047
	9	4					A		
✓	4050	6	0153			13,760			
	1	8							
	2	840							
	3	2							
	4	4							
	5	6							
	6	8							
	7	850							
	8	2							Now SHOOTING 1620 ³
	9	4							IN. ON GUNS.
✓	4060	6	0201			13,770			
	1	8							
	2	860							INCREASE SPEED TO
	3	2							700/725. RPMs.
	4	4							
	5	6							
	6	8							
	7	870							
	8	2							
	9	4							
✓	4070	6	0209			13,790	14116		LF - 875 LSP - 4069
	1	8					14117		FF - 876 FSP - 4070
	2	880					B		
	3	2							
	4	4							
	5	6							
	6	8							
	7	890							
	8	2							
	9	4							
✓	4080	6	0210			13,800			
	1	8							
	4082	900							

OBSERVERS MARINE REPORT

Client U.S.G.S. Type instrument DFS-III Offset distance 1139'
 Area E. COAST Record filter 8-18/62 Group interval 328/164'
 State N.J. Sample rate 4MS. Fold coverage 36
 Observer HINES gun depth 30' in.³ of guns 1620³

Pre-Plot	Shotpoint	File No.	Time	#ldir.	Cable Depth	W.D.	Reel No.	Line No.	Remarks
	4083	902		NW	50.55, 61.54		14117	6	BPM - 700 / 725
	4	4			51.50, 54.58		B		HEAD - 120°
	5	6							T.B. - N.U.
	6	8							S.O.B. - 4.3 (W.T.)
	7	910							
	8	2							
	9	4							
✓	4090	6	0223			13,820			INCREASE SPEED TO 725 ON A PAIR.
	1	8							
	2	920			T/C		14117		LF- 921 LSP- 4092
	3	2			T/C		14118		FF- 922 FSP- 4093
	4	4					A		
	5	6							
	6	8							
	7	930							
	8	2							
	9	4							
✓	4100	6	0230			13,860			
	1	8							
	2	940							
	3	2							
	4	4							
	5	6							
	6	8							
	7	950							
	8	2							
	9	4							
✓	4110	6	0237			13,875			
	1	8							
	2	960							
	3	2							
	4	4							
	5	6			T/C		14118		LF 967 LSP- 4115
	6	8			T/C		14119		FF 968 FSP- 4116
	7	970					B		
	8	2							
	9	4							
✓	4120	6	0243			13,890			
	1	8							
	2	980							
	3	2							
	4	4							
	5	6							
	6	8							
	7	990							
	8	2							
	9	4							
✓	4130	6	0250			13,900			
	1	8							
	4132	000							

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OBSERVERS MARINE REPORT

Client U.S.G.S. Type instrument DFS III Offset distance 1134'
 Area E. COAST Record filter 8-18/62 Group interval 328/164
 State N.J. Sample rate 4ms. Fold coverage 36
 Observer LINES gun depth 30' in.³ of guns 1620

Pre-Plot	Shotpoint	File No.	Time	#1dir.	Cable Depth	W.D.	Reel No.	Line No.	Remarks
	4133	002		NW	50,56,62,54		1419	6	BPM - 725 PAIR
	4	4			50,50,54,58		B		HEAD - 117°
	5	6							T.B. - N.V.
	6	8							S.D.B. - 4.8 (W.T.)
	7	010							
	8	2			TC		1419		LF-013 LSP-4138
	9	4			TC		1420		FF-014 FSP-4139
✓	4140	6	0256			13,900	A		
	1	8							
	2	020							
	3	2							
	4	4							
	5	6							
	6	8							
	7	030							
	8	2							
	9	4							
✓	4150	6	0303			13,900			
	1	8							
	2	040							
	3	2							
	4	4							
	5	6							
	6	8							
	7	050							
	8	2							
	9	4							
✓	4160	6	0309			13,900			
	1	8					14120		LF-059 LSP-4161
	2	060			TC		14121		FF-060 FSP-4162
	3	2					B		
	4	4							
	5	6							
	6	8							
	7	070							
	8	2							
	9	4							
✓	4170	6	0316			13,910			
	1	8							
	2	080							
	3	2							
	4	4							
	5	6							
	6	8							
	7	090							
	8	2							
	9	4							
✓	4180	6	0322			13,920			
	1	8							
	4182	100							

OBSERVERS MARINE REPORT

Client U.S.G.S. Type instrument DFS-III Offset distance 1134'
 Area E. COAST Record filter 8-18/62 Group interval 328/164
 State N.J. Sample rate 4MS. Fold coverage 36
 Observer AINES gun depth 30' in.³ of guns 1620³

Pre-Plot	Shotpoint	File No.	Time	#/dir.	Cable Depth	W.D.	Reel No.	Line No.	Remarks
	4183	102		NW	51, 56, 61, 54		14121	6	BPM- 725 PAIR
	4	4	T/		50, 51, 55, 60		B		HEAD- 120°
	5	6	K				14122		T.B- N.U.
	6	8					A		S.O.B- 4.8 (W.T.)
	7	110							
	8	2							
	9	4							LF- 103 LSP- 4184
✓	4190	6	0328			13,930'			FF- 106 FSP- 4185
	1	8							
	2	120							
	3	2							
	4	4							
	5	6							
	6	8							
	7	130							
	8	2							
	9	4							
✓	4200	6	0335			13,940'			
	1	8							
	2	140							
	3	2							
	4	4							NOW SHOOTING WITH
	5	6							1540 IN ³ ON GUNS.
	6	8							
	7	150							
	8	2					14122		LF- 153 LSP- 4208
	9	4					14123		FF- 154 FSP- 4209
✓	4210	6	0341			13,940'	B		
	1	8							
	2	160							
	3	2							
	4	4							
	5	6							
	6	8							
	7	170							
	8	2							
	9	4							
✓	4220	6	0347			13,950'			
	1	8							
	2	180							
	3	2							
	4	4							
	5	6							
	6	8							
	7	190							
	8	2							
	9	4							
✓	4230	6	0354			13,960'			
	1	8					14123		LF- 199 LSP- 4231
	4232	200					14124		FF- 200 FSP- 4232

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OBSERVERS MARINE REPORT

Client U.S.G.S. Type instrument DFS-III Offset distance 1134'
 Area E. COAST Record filter 8-18/62 Group interval 328/164
 State N.J. Sample rate 4ms. Fold coverage 36
 Observer JINES gun depth 30' in.³ of guns 1540

Pre-Plot	Shotpoint	File No.	Time	#ldir.	Cable Depth	W.D.	Reel No.	Line No.	Remarks
	4233	202		NW	52, 54, 63, 55		14124	6	RPM-725 PAIE
	4	4			50, 51, 54, 59		A		HEAD-118°
	5	6							T.B.-N.U.
	6	8							S.O.B.-4.9 (W.T.)
	7	210							
	8	2							
	9	4							
✓	4240	6	0400			13960			
	1	8							
	2	220							
	3	2							
	4	4							
	5	6							
	6	8							
	7	230							
	8	2							
	9	4							
✓	4250	6	0407			13960			
	1	8							
	2	240							
	3	2							
	4	4			T/C		14124		LF-245 LSP-4254
	5	6			T/C		14125		FF-246 FSP-4255
	6	8					B		
	7	250							
	8	2							
	9	4							
✓	4260	6	0413			13970			
	1	8							
	2	260							
	3	2							
	4	4							
	5	6							
	6	8							
	7	270							
	8	2							
	9	4							
✓	4270	6	0420			13970			
	1	8							
	2	280							
	3	2							
	4	4							
	5	6							
	6	8							
	7	290					14125		
	8	2			T/C		14126		
	9	4					A		
✓	4280	6	0426			13970			
	1	8							
	4282	300							

OBSERVERS MARINE REPORT

Client U.S.G.S. Type instrument DFS III Offset distance 1134'
 Area E. COAST Record filter 8-18/62 Group interval 328/164
 State N.J. Sample rate 4ms. Fold coverage 36
 Observer HINES gun depth 30' in.³ of guns 1540

Pre-Plot	Shotpoint	File No.	Time	#ldir.	Cable Depth	W.D.	Reel No.	Line No.	Remarks
	4283	302		NW	51,55,62,52		14126	6	RPM - 725 PAIR
	4	4			50,49,54,58		A		HEAD - 115°
	5	6							T.B. - N.U.
	6	8							S.O.B. - 5.1 (W.T.)
	7	310							
	8	2							
	9	4							
✓	4290	6	0433			13,980			
	1	8							
	2	320							
	3	2							
	4	4							
	5	6							
	6	8							
	7	330							
	8	2							
	9	4							
✓	4300	6	0439		T/C	14000'	14126		LF - 337 LSP - 4300
	1	8			T/C		14127		FF - 338 FSP - 4301
	2	340					B		
	3	2							
	4	4							
	5	6							
	6	8							
	7	350							
	8	2							
	9	4							
✓	4310	6	0446			14000'			
	1	8							
	2	360							
	3	2							
	4	4							
	5	6							
	6	8							
	7	370							
	8	2							
	9	4							
✓	4320	6	0452			14,010			
	1	8							
	2	380							
	3	2			T/C		14127		LF - 383 LSP - 4323
	4	4			T/C		14128		FF - 384 FSP - 4324
	5	6					A		
	6	8							
	7	390							
	8	2							
	9	4							
✓	4330	6	0458			13,980'			
	1	8							
	4332	400							

OBSERVERS MARINE REPORT

Client U.S.G.S. Type instrument DFS III Offset distance 1134'
 Area E. COAST Record filter 8-18/62 Group interval 328/164
 State N.J. Sample rate 4ms Fold coverage 36
 Observer HINES gun depth 30' in.³ of guns 1540

Pre-Plot	Shotpoint	File No.	Time	#Dir.	Cable Depth	W.D.	Reel No.	Line No.	Remarks
	4333	402		NW	50, 54, 63, 53		14128	6	BPM - 725 PAIR
	4	4			51, 57, 56, 61		A		HEAD - 116°
	5	6							T.B. - N.V.
	6	8							S.O.B. - 9.9 (W.T.)
	7	410							
	8	2							
	9	4							
✓	4340	6	0505			14,500			
	1	8							
	2	420							
	3	2							
	4	4							
	5	6							
	6	8			T/C		14128		LF - 429 LSP - 4346
	7	430			/C		14129		FF - 430 FSP - 4347
	8	2					B		
	9	4							
✓	4350	8	0512			14,600			
	1	8							
	2	440							
	3	2							
	4	4							
	5	6							
	6	8							
	7	450							
	8	2							
	9	4							
✓	4360	6	0518			14,050			
	1	8							
	2	460							
	3	2							
	4	4							
	5	6							
	6	8							
	7	470							
	8	2							
	9	4					14129		LF - 475 LSP - 4369
✓	4370	6	0524			14,125	14130		FF - 476 FSP - 4370
	1	8					A		
	2	480							
	3	2							
	4	4							
	5	6							
	6	8							
	7	490							
	8	2							
	9	4							
✓	4380	6	0531			14,125			
	1	8							
	4382	50.0							

OBSERVERS MARINE REPORT

Client U.S.G.S. Type instrument DFS III Offset distance 1134'
 Area E. COAST Record filter 8-18/62 Group interval 328/104
 State N.J. Sample rate 4ms. Fold coverage 36
 Observer HINES gun depth 30' in.³ of guns 1540

Pre-Plot	Shotpoint	File No.	Time	#Dir.	Cable Depth	W.D.	Reel No.	Line No.	Remarks
	4383	502		NW	50,55,60,54		14130	6	BPM - 725 PAIR
	4	4			50,51,54,55		A		HEAD - 118
	5	6							T.B. - N.V.
	6	8							S.O.B. - 5.4 (W.T.)
	7	510							
	8	2							
	9	4							
✓	4390	6	0537				14125		
	1	8							
	2	520			T/C				LF 521 LSP 4392
	3	2			T/C		14131		FF 522 FSP 4393
	4	4					B		
	5	6							
	6	8							
	7	530							
	8	2							
	9	4							
✓	4400	6	0544				14125		
	1	8							
	2	540							
	3	2							
	4	4							
	5	6							
	6	8							
	7	550							
	8	2							
	9	4							
✓	4410	6	0550				14125		
	1	8							
	2	560							NEW SHOOTING 1480 ³
	3	2							ON GUNS.
	4	4							
	5	6			T/C		14131		LF - 567 LSP - 4415
	6	8			T/C		14132		FF - 568 FSP - 4416
	7	570					A		
	8	2							
	9	4							
✓	4420	6	0556				14125		
	1	8							
	2	580							
	3	2							
	4	4							
	5	6							
	6	8							
	7	590							
	8	2							
	9	4							
✓	4430	6	0603				14125		
	1	8							
	4432	600							

OBSERVERS MARINE REPORT

Client	<u>USGS</u>	Type instrument	<u>DFS III</u>	Offset distance	<u>1134'</u>
Area	<u>E. COAST</u>	Record filter	<u>8-18-62</u>	Group interval	<u>328/164</u>
State	<u>N.J.</u>	Sample rate	<u>4ms</u>	Fold coverage	<u>36</u>
Observer	<u>HINES</u>	gun depth	<u>30'</u>	in. ³ of guns	<u>1480³</u>

Pre-Plot	Shotpoint	File No.	Time	#ldir.	Cable Depth	W.D.	Reel No.	Line No.	Remarks
	4433	602		NW	51,54,61,54		14132	6	RPM - 725 PAIR
	4	4			50,52,56,58		A		HEADING - 118°
	5	6							TAIL BURY - N.U.
	6	8							SOB - 5.3 (W.T.)
	7	610							
	8	2			T/C		14132		LF - 613 LSP - 4438
	9	4			T/C		14133		FF - 614 FSP - 4439
✓	4440	6	0609			14200	B		
	1	8							
	2	620							PARITY # 614 FILE?
	3	2							
	4	4							
	5	6							
	6	8							
	7	630							
	8	2							
✓	4450	6	0615			14300			
	1	8							
	2	640							
	3	2							
	4	4							
	5	6							
	6	8							
	7	650							
	8	2							
✓	4460	6	0622			14200			
	1	8			T/C		14133		LF - 659 LSP - 4461
	2	660			T/C		14134		FF - 660 FSP - 4462
	3	2					A		
	4	4							
	5	6							
	6	8							
	7	670							
	8	2							
✓	4470	6	0628			14125			
	1	8							
	2	680							
	3	2							
	4	4							
	5	6							
	6	8							
	7	690							
	8	2							
✓	4480	6	0634			14125			
	1	8							
	4482	700							

OBSERVERS MARINE REPORT

Client U.S.G.S. Type instrument DFS-III Offset distance 1134'
 Area E. COAST Record filter B-18/62 Group interval 328/164"
 State N.J. Sample rate 4MS. Fold coverage 36
 Observer AINES gun depth 30' in.³ of guns 1480³

Pre-Plot	Shotpoint	File No.	Time	#ldir.	Cable Depth	W. D.	Reel No.	Line No.	Remarks
	4483	702		NW			14134	6	RPM - 725 PAIR
	4	4			T/		A		HEAD -
	5	6			T/		14135		T.B. - N.V.
	6	8					B		S.O.B. - (W.T.)
	7	710							
	8	2							
	9	4							LF-705 LSP-4484
✓	4490	6	0641			14,125			FF-706 FSP-4485
	1	8							
	2	720							
	3	2							
	4	4							
	5	6							
	6	8							
	7	730							
	8	2							
	9	4							
✓	4500	6	0647			14,160			
	1	8							
	2	740							
	3	2							
	4	4							
	5	6							
	6	8							
	7	750			T/		14135		LF-751 LSP-4507
	8	2			T/		14136		FF-752 FSP-4508
	9	4					A		
✓	4510	6	0654			14,200			
	1	8							
	2	760							
	3	2							
	4	4							
	5	6							
	6	8							
	7	770							
	8	2							
	9	4							
	4520	6	0701			14,225			
	1	8							
	2	780							
	3	2							
	4	4							
	5	6							
	6	8							
	7	790							
	8	2							
	9	4							
✓	4530	6	0707		T/	14,250			LF 797 LSP 4530
	1	8			T/		14137		FF 798 FSP 4531
	4532	800					B		

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OBSERVERS MARINE REPORT

Client USGS Type instrument DFS-III Offset distance 1134'
 Area E. COAST Record filter 8-18/102 Group interval 328/164
 State N.J. Sample rate 4MS. Fold coverage 36
 Observer AVNES gun depth 30' in.³ of guns 1480

Pre-Plot	Shotpoint	File No.	Time	#Dir.	Cable Depth	W.D.	Reel No.	Line No.	Remarks
	4533	802		NW	51,54,63,54		14137	6	RPM - 725 PAIR
	4	4			55,54,52,53		B		HEAD - 126°
	5	6							T.B. - N.O.
	6	8							S.O.B. - 5.0 (W.T.)
	7	810							
	8	2							
✓	4540	6	0714			14,175			
	1	8							
	2	820							
	3	2							
	4	4							
	5	6							
	6	8							
	7	830							
	8	2							
	9	4							
✓	4550	6	0721			14,175			
	1	8							
	2	840							
	3	2			T/C		14137		LF - 843 LSP - 4553
	4	4			T/C		14138		FF - 844 FSP - 4554
	5	6					A		
	6	8							
	7	850							
	8	2							
	9	4							
✓	4560	6	0727			14,190			
	1	8							
	2	860							
	3	2							
	4	4							
	5	6							
	6	8							
	7	870							
	8	2							
	9	4							
✓	4570	6	0734			14,190			
	1	8							
	2	880							
	3	2							
	4	4							
	5	6							
	6	8					14138		LF - 889 LSP - 4576
	7	890			T/C		14139		FF - 890 FSP - 4577
	8	2					B		
	9	4							
✓	4580	6	0740			14,200			
	1	8							
	4582	900							

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OBSERVERS MARINE REPORT

Client USGS Type instrument DFS III Offset distance 1134'
 Area E. COAST Record filter 8-18/62 Group interval 328/164
 State N.J. Sample rate 4MS. Fold coverage 36
 Observer HINES gun depth 30' in.³ of guns 1480

Pre-Plot	Shotpoint	File No.	Time	#Dir.	Cable Depth	W.D.	Reel No.	Line No.	Remarks
	4583	902		NW	4955, 6454		14139	6	BPM - 725 PAIR
	4	4			5352, 5051		B		HEAD - 117°
	5	6							T.B. - N.U.
	6	8							B.O.B. - 5.2 (W.T.)
	7	910							
	8	2							
	9	4							
✓	4590	6	0746			14,225			
	1	8							
	2	920							
	3	2							
	4	4							
	5	6							
	6	8							
	7	930							
	8	2							
	9	4							
✓	4600	6	0753		T/C	14,250	14139		LF-935 LSP-4599
	1	8					14140		FF-936 FSP-4600
	2	940					A		
	3	2							
	4	4							
	5	6							
	6	8							
	7	950							
	8	2							
	9	4							
✓	4610	6	0759			14,260			
	1	8							
	2	960							
	3	2							
	4	4							
	5	6							
	6	8							
	7	970							
	8	2							
	9	4							
✓	4620	6	0806			14,275			
	1	8							
	2	980			T/C		14140		LF-981 LSP-4622
	3	2			/C		14141		FF-982 FSP-4603
	4	4					B		
	5	6							
	6	8							
	7	990							
	8	2							
	9	4							
	4630	6	0812			14,300			
	1	8							
	4632	000							

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OBSERVERS MARINE REPORT

Client U.S.G.S Type instrument DFS-III Offset distance 1134'
 Area E. COAST Record filter 8-18/62 Group interval 328/1164
 State N.J. Sample rate 4MS. Fold coverage 36
 Observer HINES gun depth 30' in.³ of guns 1480

Pre-Plot	Shotpoint	File No.	Time	#ldir.	Cable Depth	W.D.	Reel No.	Line No.	Remarks	
.	4633	002		NW	49,56,63,54		14141	6	RPM - 725 PAIR	
.	4	4			51,50,53,54		B		HEAD - 119°	
.	5	6							T.B. - N.V.	
.	6	8							S.P.B. - 4.8 (W.T.)	
.	7	010								
.	8	2								
.	9	2								
✓	4640	6	0818				14310			
.	1	8								
.	2	020								
.	3	2								
.	4	0								
+	5	6			T/C		14141		LF-027 LSP-4645	
.	6	8					14142		FF-028 FSP-4646	
.	7	030					A			
.	8	2								
.	9	2								
✓	4650	6	0824				14310			
.	1	8								
.	4652	040	0826				14142		LF-041 LSP-4652	
					E.O.L.					
					6					

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