M/V Gulf Seal

Type Coverage 36 Fold

Shot Point Spacing 328'

digiconinc.
HOUSTON, TEXAS

MARINE LOG

Date 9 Sept 74

Area Georges Bank

Party No. 511 2-248

TIME	LINE	SHOT POINTS	DIR	TOTAL SHOT POINTS	MILES	OTHER TIMES: TRAVEL	LINE CHANGE	DOWN	SURV.	Chargeable TIME	REMARKS
											Circle Fishing
											Jessers - Lobster
											Pots - Working Cable.
03:16 / 02:52	4	1649A / 1610A	S/E	—	—						"A" Shots - Overlap.
05:12 / 03:16	4	1806 / 1645	S/E	162	10.06						Circle - Production
											Tape Taped Over
											Reel # 13759 -
											Recorded Over With
											Reel # 13761)
09:55 / 08:48	4	1806A / 1700A	S/E	—	—						"A" Shots: Overlap.
24:00 / 09:55	4	3014 / 1807	S/E	1208	75.03						End Day 9 Sept.
											Started Line
											With 9 Second
											Record Length
											Switched To
											12 Sec. Then To 14 Sec.
											To Get 8 Sec
											Data.
											Equipment Good
											Weather Good.
				1370	85.09						TOTALS

TOTAL MEN 26

TOTAL MEALS 78

ACC. MILES PROSPECT 180.99

ACC. MILES FOR MONTH 327.57

PARTY MANAGER

522-10-68

OBSERVERS MARINE REPORT

digicon inc. # 511

Client	U.S.G.S.	Type instrument	DFS. II	Offset distance	346m 1134'
Area	Georges Bank	Record filter	8-18-62	Group interval	328/164
State	Mass	Sample rate	4 ms	Fold coverage	36
Observer	Hines - [redacted]	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
X	1610 A	001	0252	N/W	46,57,~~70~~,62	1500'	13756	4	R.P.M. - 700 PAIR
	1	3			55,56,~~56~~,54	~~457.38~~	B		HEADING - 140°
	2	5			14,17,X 19	457			TAILBUOY - 0°
	3	7			17,17,16				S.O.B. - 4.6 (W.T)
	4	9							
	5	011					570		
	6	3							
	7	5							
	8	7							
	9	9							
✓	1620 A	021	0300			2250'			
	1	3				~~685.98~~			
?	2	5				686			
	3	7							
	4	9							
	5	031							
"A"	6	3							
	7	5							
	8	7							
	9	9							
✓	1630 A	041	0307			2500'			
	1	3				762 ~~20~~			
	2	5							
	3	7							
	4	9							
	5	051							
	6	3							
	7	5							
	8	7							
	9	9							
	1640 A	061	0314			2750'			
	1	3				838 #			
	2	5							
	3	7							
	1644 A	9							
	5	071							
	6	3			T/C		13756		LF-074 LSP-1646
	7	5					13757		FF-075 FSP-1647
	8	7					A		
	9	9							
✓	1650	081	0321			3000'			
	1	3				~~914.63~~			
	2	5				915	570		
	3	7							
	4	9							
	5	091							
	6	3							
	7	5							
	8	7							
	1659	099							

DATE 9-9-74

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OBSERVERS MARINE REPORT

digicon inc. # 511

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

Pre-Plot	Shotpoint	File No.	Time	#1dir.	Cable Depth	W.D.	Reel No.	Line No.	Remarks
✓	1660	101	0328	N/W	45,54,53,61	2900'	13757	4	RPM - 700 PAIR
	1	3			55,56,56,57	884.35	A		HEAD - 141°
	2	5			14,16,X 19				T.B. - 1° PORT
	3	7			17,17,X17				SOB - 4.3 (W.T.)
	4	9							
	5	111							
	6	3							
	7	5					5		
	8	7							
	9	9							
✓	1670	121	0335			3200'			
	1	3				~~975.61~~ 976			
	2	5							
	3	7							
	4	9							
	5	131							
	6	3							
	7	5							
	8	7							
	9	9							
✓	1680	141	0342			3100'			
	1	3				945.~~12~~			
	2	5							
	3	7			T/		13757		LF - 148 LSP - 1683
	4	9			/C		13758		FF - 149 FSP - 1684
	5	151					B		
	6	3							
	7	5							
	8	7							
	9	9							
✓	1690	161	0349			2800'			
	1	3				~~853.66~~ 854			
	2	5					9		
	3	7					5101		
	4	9							
	5	171							
	6	3							
	7	5							
	8	7							
	9	9							
✓	1700	181	0356			3300'			
	1	3				1006.10			
	2	5							
	3	7							
	4	9							
	5	191							
	6	3							
	7	5							
	8	7							
	1709	199							

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OBSERVERS MARINE REPORT

digicon inc. # 511

Client	USGS	Type instrument	DFS III	Offset distance	1134'
Area	GEO. BANK	Record filter	8-18/62	Group interval	328/164
State	MASS.	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
	1710	201	0404	N/W	45,55,~~63~~62	3800'	13758	4	RPM - 700 PAIR
	1	3			56,55,~~54~~55	#58,54	B		HEAD - 143°
	2	5			14, 17, X, 19	1159			T.B. - 0°
	3	7			17, 17, X, 17		5709		S.O.B. - 46 (W.T.)
	4	9							
	5	211							
	6	3							
	7	5							
	8	7							
	9	9							STOP
✓	1720	221	0412	STOP	T/C	4200'	13758		LF-222 LSP-1720
	1	3				1280.49	13759		FF-223 FSP-1721
	2	5					A		
	3	7							
	4	9							
	5	231							
	6	3							
	7	5							
	8	7							
	9	9							
✓	1730	241	0419			4300'			
	1	3				~~1310.98~~			
	2	5				1311			TAPED
	3	7							OVER
	4	9							BY
	5	251							REEL
	6	3							#13761 ✓
	7	5							
	8	7							
	9	9							
✓	1740	261	0424						
	1	3							
	2	5							
	3	7							
	4	9							
	5	271							
	6	3 ✱							
	7	5							
	8	7							
	9	9							
✓	1750	281	0431						
	1	3							
	2	5							
	3	7							
	4	9							
	5	291							
	6	3							
	7	5			T/C		13759		LF-296 LSP-1757
	8	7					13760		FF-297 FSP-1758
	1759	299					B		

CHANGING BELTS ON FLY!

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OBSERVERS MARINE REPORT

digicon inc. # 511

Client	USGS	Type instrument	DFS III	Offset distance	1134'
Area	GEO. BANK	Record filter	8-18/62	Group interval	328/164
State	MASS.	Sample rate	4ms.	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
✓	1760	301	0438	N/W	46,56,62,60	4800'	13760	4	RPM - 700 PAIR
	1	3			55,54,56,56	1463.41	B		HEAD - 145°
	2	5							T.B. - 0°
	3	7							S.O.B. - 4.5 (W.T.)
	4	9							
	5	311 *							
	6	3							
	7	5							* FILE # 311 - NOW
	8	7							USING 12 SECOND ✓
	9	9							RECORDS.
✓	1770	321	0445			5200'			
	1	3				1585.37			
	2	5							
	3	7							
	4	9							
	5	331							
	6	3							
	7	5							
	8	7							
	9	9							
✓	1780	341	0453						
	1	3							
	2	5							
	3	7							
	4	9							
	5	351							
	6	3							
	7	5			T/		13760		LF - 356 LSP - 1787
	8	7			/C		13761		FF - 357 FSP - 1788
	9	9					A		
✓	1790	361	0500						
	1	3							
	2	5							
	3	7			REEL # 13761 HAS				
	4	9			DATA FROM REEL # 13759				
	5	371							
	6	3			WILL RESHOOT FROM				
	7	5			SP # 1700.				
	8	7							
	9	9							
	1800	381							
	1	3							
	2	5							
	3	7							
	4	9							
	5	391							
	6	3							
					STOP SHOOTING - TAPE 13761				
					WAS RECORDED ON REEL 13759				
		3							

DATE 9/9/74

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M/V GULF SEAL

Type Coverage 36 FOLD

Shot Point Spacing 328'

digicon inc.
HOUSTON, TEXAS

MARINE LOG

Date 7 SEPT 74

Area USGS GEORGES BANK

Party No. 311 2-248

TIME	LINE	SHOT POINTS	DIR	TOTAL SHOT POINTS	MILES	OTHER TIMES: TRAVEL	LINE CHANGE	DOWN	SURV.	Chargeable TIME	REMARKS
											WORKING ON
											GEAR.
											ELIMINATED INTER-
											FERENCE - TIME
											BREAK PROBLEM
											CORRECTED.
											TOO ROUGH TO
											START.
											SEAS 12'-14'
											WINDS TO 40 KNOTS
											RAIN SQUALLS
											SEAS CALMING DOWN.
24:00 / 20:33	4	412 / 101	S/E	312	19.38						END DAY 7 SEPT.
											CABLE + GUNS
											GOOD CONDITION.
											ALL GEAR WORKING.
											TOTALS

TOTAL MEN 26

TOTAL MEALS 78

ACC. MILES PROSPECT 19.38

ACC. MILES FOR MONTH 165.96

PARTY MANAGER

522-10-68

OBSERVERS MARINE REPORT

digicon inc. # 511

Client	USGS.	Type instrument	DFS-III	Offset distance	1134' 346M
Area	GEORGES BANK	Record filter	8/18/62	Group interval	328/164
State	MASS.	Sample rate	4MS	Fold coverage	36
Observer	McDANIEL	gun depth	30'	in.³ of guns	1700 3N

Pre-Plot	Shotpoint	File No.	Time	#Idir.	Cable Depth	W.D.	Reel No.	Line No.	Remarks
✓	101	001	2033	N/W	78, 77, 74, 63	1038	13712	4	RPMs 700 Pr.
	2	3			60, 61, 64, 62	316.46	'B'		HEADING 148°
	3	5			24, 23X, 19				T.B. N.V.
	4	7			18, 19, X, 19				S.O.B 4.2 (W.T.)
	5	9							
	6	011							
	7	3							
	8	5							
	9	7							
✓	110	9	2039			1032'			
	1	021				314.63			
	2	3							
	3	5							
	4	7							
	5	9							
	6	031							
	7	3							
	8	5							
	9	7							
✓	120	9	2044			924'			
	1	041				281.71			
	2	3							
	3	5							
	4	7							
	5	9							
	6	051							
	7	3							
	8	5							
	9	7							
✓	130	9	2051			972'			
	1	061				296.34			
	2	3							
	3	5							
	4	7							
	5	9							
	6	071							
	7	3							
	8	5			T/C				LSP 138 LF# 076
	9	7					13713		FSP 139 FF# 077
✓	140	9	2057			954	A		
	1	081				290.85			FILE #77 + 79 N.G. ✓
	2	3							~~PARTY~~ Gun MISSFIRE
	3	5							
	4	7							SONO BUOY OVER ON T
	5	9							FILE #081
	6	091							
	7	3							
	8	5							
	9	7				289.02			
✓	150	099	21:04			948			

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OBSERVERS MARINE REPORT

digicon inc. # 511

Client	USGS	Type instrument	DFS - III	Offset distance	1134'
Area	GEORGES BANK	Record filter	8-18-62	Group interval	328/164
State	MASS.	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
	151	101		N/W	28,27,26,63		13713	LINE 4	RPM 700
	2	3			60,61,64,63		A		HEADING 140°
	3	5			24,23,X,19				T.B. N.V.
	4	7			18,19,X,19				S.O.B. 5.4 W.T.
	5	9							
	6	111							
	7	3							
	8	5							
	9	7							
✓	160	9	2109			936'			
	1	121				285.37			
	2	3							
	3	5							
	4	7							
	5	9							
	6	131							
	7	3							
	8	5							
	9	7							
✓	170	9	2115			924'			
	1	141				281.71			
	2	3							
	3	5							
	4	7							
	5	9			T/C				LSP# 175 LF# 150
	6	151					13714		FSP# 176 FF# 151
	7	3					B		
	8	5							
	9	7							
✓	180	9	2121			918'			
	1	161				279.88			
	2	3							
	3	5							
	4	7							
	5	9							
	6	171							
	7	3							
	8	5							
	9	7							
✓	190	9	2128						
	1	181				918'			
	2	3				279.88			
	3	5							
	4	7							
	5	9							
	6	191							
	7	3							
	8	5							
	9	7				274.39			
✓	200	9	2133			900'			

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OBSERVERS MARINE REPORT

digicon inc. # 511

Client	USGS	Type instrument	DFS - III	Offset distance	1134'
Area	GEORGES BANK	Record filter	8/18/62	Group interval	328/164
State	MASS.	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
	201	201		N/W	78, 77, 74, 63		13714	LINE 4	RPM 700
	2	3			58, 60, 60, 58		B		HEADING 142°
	3	5			[illegible] X19				T.B. N.V.
	4	7			18 18 X 18				S.O.B. 9.5 W.T.
	5	9							
	6	211							
	7	3							PICKING UP SCREW
	8	5							NOISE - VESSEL ON
	9	7							PORT SIDE ASTERN
✓	210	9	2140			876'			
	1	221				267.07			
	2	3							
	3	5			T/C				LSP# 213 LF# 226
	4	7					13715		FSP# 214 FF# 227
	5	9					A		
	6	231							
	7	3							
	8	5							
	9	7							
✓	220	9	2145			864'			
	1	241				263.41			
	2	3							PICKING UP RANDOM
	3	5							NOISE DUE TO ROUGH
	4	7							SEAS
	5	9							
	6	251							
	7	3							
	8	5							
	9	7							
✓	230	9	2151			846'			
	1	261				257.93			
	2	3							
	3	5							
	4	7							
	5	9							
	6	271							
	7	3							
	8	5							
	9	7							
✓	240	9	2156			828'			
	1	281				252.44			
	2	3							
	3	5							
	4	7							
	5	9							
	6	291							
	7	3							
	8	5				241.46			
	9	7				792			LSP 250 LF# 300
✓	250	9	2201		T/C		13716		FSP 251 FF 301

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OBSERVERS MARINE REPORT

digicon inc. # 511

Client	USGS	Type instrument	DFS-III	Offset distance	1134'
Area	GEORGES BANK	Record filter	8/18/62	Group interval	328/164
State	MASS	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
	251	301		N/W	78,77,74,63		13716	4	RPM 700
	2	3			64,60,62,58		B		HEADING 136°
	3	5			24,23 X 19				T.B N.U.
	4	7			20,18 X 18				S.O.B. 5.0 W.T.
	5	9			T/C				LAST FILE - 308 SP - 254
	6	311					13717		FIRST FILE - 309 SP - 255
	7	3					A		
	8	5							FILE - 302 - thru - 307 ✓
	9	7							MISSED FIRE TRP DIDN'T
✓	260	9	2208			774'			START —
	1	321				235.97			
	2	3							
	3	5							
	4	7							
	5	9							
	6	331							
	7	3							
	8	5							
	9	7							
✓	270	9	2214			744			
	1	341				226.83			
	2	3							
	3	5							
	4	7							
	5	9							
	6	351							
	7	3							
	8	5							
	9	7							
✓	280	9	2221			702			
	1	361				214.02			
	2	3							
	3	5							
	4	7							
	5	9							INCREASE SPEED 725 RPM.
	6	371							
	7	3							
	8	5							
	9	7							
✓	290	9				678'			
	1	381	2228		T/C	206.71			LSP# 291 LF # 382
	2	3					13718		FSP # 292 FF # 383
	3	5					B		
	4	7							
	5	9							PICKING UP RANDOM
	6	391							NOISE ON CABLE
	7	3							
	8	5							
	9	7				208.54			
✓	300	9	2234			684			

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OBSERVERS MARINE REPORT

digicon inc. # 511

Client	USGS	Type instrument	DFS-III	Offset distance	1134'
Area	GEORGES BANK	Record filter	8/18/62	Group interval	328/164
State	MASS	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
	301	401.		N/W	78,77.74,63		13718	4	RPM 725
	2	3			64, 5860 60		B		HEADING 136°
	3	5			24,23,X,18				T.R. N.U.
	4	7			20,18,X,18				S.O.P. 4.9 W.T.
	5	9							
	6	411							
	7	3							
	8	5							
	9	7							PICKING UP RANDOM
✓	310.	9	2242			666'			NOISE ON CABLE
	1	421				203.05			ANOTHER CREW IN
	2	3							AREA
	3	5							
	4	7							
	5	9							
	6	431							
	7	3							
	8	5							
	9	7							
✓	320.	9	2249			612'			
	1.	441				186.59			SHOOTING ~~1400~~ 1520 IN^3
	2	3							
	3	5							
	4	7							
	5	9							
	6.	451							
	7.	3							
	8.	5			T/C				LSP # 328 LF # 456
	9	7					13719		FSP # 329 FF 457
✓	330	9	2256			606'	A		
	1	461				184.76			
	2	3							
	3	5							
	4	7							
	5	9							
	6	471							
	7	3							
	8	5							
	9	7							
✓	340	9	2304			606			
	1	481				184.76			
	2	3							
	3	5							
	4	7							
	5	9							
	6	491							
	7	3							
	8	5							
	9	7				175.61			
✓	350	9	2310			576'			

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OBSERVERS MARINE REPORT

digicon inc. # 511

Client	USGS	Type instrument	DFS-III	Offset distance	1134'
Area	GEORGES BANK	Record filter	8/18/62	Group interval	328/164
State	MASS.	Sample rate	4 MS	Fold coverage	36
Observer	McDANIEL	gun depth	30'	in.^{3} of guns	1520

Pre-Plot	Shotpoint	File No.	Time	#Idir.	Cable Depth	W.D.	Reel No.	Line No.	Remarks
	351	501		N/W	78,77,74,63		13719	4	RPM 725
	2	3			58,62,63,61		A		HEADING 135°
	3	5			24,23,X,19				T.B N.U.
	4	7			18,19,X,19				S.O.B 4.8
	5	9							
	6	511							SHOOTING 1700 IN^3
	7	3							
	8	5							
	9	7							
✓	360.	9	2317			522'			
	1.	521.				159.15			
	2	3							
	3.	5							
	4.	7							
	5.	9			T/C				LSP# 365 LF# 530
	6.	531					13720		FSP# 366 FE# 531
	7	3					B		
	8.	5							
	9.	7							
✓	370.	9	2325			414'			
	1	541				126.22			
	2	3							
	3	5							
	4	7							
	5	9							
	6	551							
	7	3							
	8	5							
	9	7							
✓	380	9	2333			360'			
	1	561				109.76			
	2	3							
	3	5							
	4	7							
	5	9							
	6	571							
	7	3							
	8	5							
	9	7							
✓	390	9	2340			318'			
	1	581				96.95			
	2	3							
	3	5							
	4	7							
	5	9							
	6	591							
	7	3							INCREASE SPEED 750 RPM
	8	5							
	9	7				87.80			
✓	400	9	2349			288'			

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OBSERVERS MARINE REPORT

digicon inc. # 511

Client	USGS	Type instrument	DFS III	Offset distance	1134'
Area	GEORGES BANKS	Record filter	8/18/62	Group interval	328/164
State	MASS.	Sample rate	4 ms	Fold coverage	36
Observer	Mc DANIEL	gun depth	30'	in.^{3} of guns	1200

Pre-Plot	Shotpoint	File No.	Time	#Idir.	Cable Depth	W.D.	Reel No.	Line No.	Remarks
	401	601		N/W	78,77,74,63		13720	4	RPM 750
	2	3			62,63,62.6		B		HEADING 145°
	3	5			24,23 X 19				T.B. N.U.
	4	7			17 MX 11				S.O.B. 4.3
	5	9			T/				LSP# 402 LF# 604
	6	611			/C		13721		FSP# 403 FF# 605
	7	3					A		
	8	5							
	9	7							
✓	410	9	2357			264'			
	1	621				90.49			
	2	3							E.O.L. SP 412
	3	5			END OF DAY				
	4	7							
	5	9							
	6	631							
	7	3							
	8	5							
	9	7							
	420	9							
	1	641							
	2	3							
	3	5							
	4	7							
	5	9							
	6	651							
	7	3							
	8	5							
	9	7							
	430	9							
	1	661							
	2	3							
	3	5							
	4	7							
	5	9							
	6	671							
	7	3							
	8	5							
	9	7							
	440	9							
	1	681							
	2	3							
	3	5							
	4	7							
	5	9							
	6	691							
	7	3							
	8	5							
	9	7							
	450	9							

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M/V Gulf Seal

digiconinc.
HOUSTON, TEXAS

Date 8 Sept 74

Type Coverage 36 Fold

MARINE LOG

Area [illegible] Georges Bank

Shot Point Spacing 328'

Party No. 511 2-248

TIME	LINE	SHOT POINTS	DIR	TOTAL SHOT POINTS	MILES	OTHER TIMES: TRAVEL	OTHER TIMES: LINE CHANGE	OTHER TIMES: DOWN	OTHER TIMES: SURV.	Chargeable TIME	REMARKS
00:42 / 00:01	4	454 / 413	S/E	42	2.61						Circle Fishing
											Dessers on line.
03:08 / 02:56	4	454A / 436A	S/E	—	—						"A" shots Overlap.
18:27 / 03:08	4	1644 / 455	S/E	1190	73.91						Circle - Hooked
											Lobster Pot —
											Last 16 traces
											went Dead -
											Skipped 3 sections
											Plus 1 Bird Section.
											Working Cable
											Weather Good
											Seas Moderate.
											Guns - Good
											All Equipment
											O.K.
				1232	76.52						TOTALS

TOTAL MEN 26

TOTAL MEALS 78

ACC. MILES PROSPECT 95.70

ACC. MILES FOR MONTH 202.48

PARTY MANAGER

522-10-68

OBSERVERS MARINE REPORT

digicon inc. # 511

Client	U.S.G.S.	Type instrument	DFS III	Offset distance	1134' 346m
Area	GEO. BANK	Record filter	8-18/62	Group interval	328/164
State	MASS.	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
	413	625		N/W	78,76,X,60		13721	4	RPM - 750 PAIR
	4	7			58,60,57,58		A		HEAD - 145°
	5	9			24,23,X,18				T.B. - N.U.
	6	631			18,18,X,18				S.O.B. - 4.3
	7	3							
	8	5							
	9	7							
✓	420	9	0008			228'			
	1	641				69.51			INCREASE TO 800
	2	3							ON A PAIR TO AVOID
	3	5							TRAFFIC, HAVE TO
	4	7							LEAVE LINE. MAX.
	5	9							OFF LINE - 350'.
	6	651							
	7	3							
	8	5							
	9	7							
✓	430	9	0018			216'			SLOW TO 650 ON
	1	661				65.85			A PAIR.
	2	3							
	3	5							
	4	7							
	5	9	X						
	6	671							
	7	3							
	8	5							
	9	7			T/		13721		LF - 678 LSP - 439
✓	440	9	0027		/C	210'	13722		FF - 679 FSP - 440
	1	681				64.02	B		
	2	3							INCREASE TO 800
	3	5							ON A PAIR.
	4	7			TRACE # 43		DEAD	✓?	
	5	9		ON	FILE # 708.				
	6	691							RANDOM NOISE DUE
	7	3							TO ROUGH SEAS.
	8	5							
	9	7							
✓	450	9	0038			204'			PICKING UP SMALL
	1	701				62.20			AMOUNT OF SCREW
	2	3			STOP PROCESSING				NOISE.
	3	5				62.20			
	4	7	0042			204'			LF - 708 LSP - 454
	5	9			STOP SHOOTING DUE				
	6	711			TO HEAVY TRAFFIC				
	7	3			FISHING BOATS				
	8	5							
	9	7							
	460	9							
	1	721							
	2	3							

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OBSERVERS MARINE REPORT

digicon inc. # 511

Client	USGS	Type instrument	DFS III	Offset distance	346M/134'
Area	GEORGES BK.	Record filter	8-18-62	Group interval	328/164
State	MASS	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
A	436	001	2:56	NW	X 75-X 65 60-58-60-56	216'	13722	4	RPM'S - 800 PAIR.
	7	3			X, 23, X 20	65.85	'B'		HEADING - 145°
	8	5			18, 18, 18, 17				TAILBUOY - N.V.
	9	7							SOB - 5 KNOTS.
?	440	9	0300			210'			
	1	011				64.02			
	2	3							STARTED LINE 1200' STBD.
	3	5							
	4	7							FISHING BOATS ON LINE.
	5	9							
'A' SHOTS	6	021							SHOOTING 9 SECOND ✓
	7	3							RECORDS.
	8	5							
	9	7							
	450	9	0306			210'			850 PAIR.
	1	031				64.02			TRYING TO AVOID
	2	3							FISHING BOAT.
	3	5							
A	4	7							
	5	9							
	6	041							
	7	3			TAPE CHANGE.		13722		LAST FILE #044
	8	5					13723		FIRST FILE #045
	9	7					A		
✓	460	9	03:13			210'			
	1	051				64.02			ANOTHER SEISMIC
	2	3							CREW IN AREA.
	3	5							
	4	7							
	5	9							
	6	061							
	7	3							NOW SHOOTING 1550³
	8	5							IN ON GUNS.
	9	7							
✓	470	9	0320			204'			
	1	071				62.20			
	2	3							
	3	5							
	4	7							
	5	9							
	6	081							
	7	3							
	8	5							
	9	7							
✓	480	9	0326			204'			
	1	091				62.20			
	2	3							
	3	5							
	4	7							
	485	099							

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OBSERVERS MARINE REPORT

digicon inc. # 511

Client	USGS	Type instrument	DFS III	Offset distance	1134'
Area	GEORGES BK	Record filter	8-18-62	Group interval	328/164
State	MASS	Sample rate	4MS	Fold coverage	36
Observer	HINES	gun depth	30'	in.³ of guns	1550

Pre-Plot	Shotpoint	File No.	Time	#Idir.	Cable Depth	W.D.	Reel No.	Line No.	Remarks
	486	101		NW	~~X~~,74,X,60		13723	4	RPM'S - 800 PAIR
	7	3			55,60,59,53		A		HEADING - 164°
	8	5							TAILBUOY - 3° STB.
	9	7			X, 23, X 18				SOB - 5.2
✓	490	9	0332		17,18,18,16	204'			
	1	111				62.20			PICKING UP SCREW
	2	3							NOISE.
	3	5							
	4	7			T/		13723		LF - 119 LSP - 495
	5	9							
	6	121			/C		13724		FF - 120 FSP - 495
	7	3					B		
	8	5							NOW SHOOTING
	9	7							1510³ IN. 300 IN³ GUN
✓	500	9	0339			204'			OFF-LINE.
	1	131				62.20			
	2	3							
	3	5							
	4	7							
	5	9							
	6	141							
	7	3							
	8	5							
	9	7							
✓	510	9	0345			204'			
	1	151				62.20			
	2	3							
	3	5							
	4	7							✓
	5	9							
	6	161							
	7	3							
	8	5							
	9	7							
✓	520	9	0352			198'			
	1	171				60.37			
	2	3							
	3	5							
	4	7							
	5	9							
	6	181							
	7	3							
	8	5							
	9	7							
✓	530	9	0358			192'			
	1	191				58.54			
	2	3			T/				LF 194 LSP 532
	3	5			/C		13725		FF 195 FSP 533
	4	7					A'		
	535	199							

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OBSERVERS MARINE REPORT

digicon inc. # 511

Client	USGS	Type instrument	DFS III	Offset distance	1134'
Area	GEORGES BK.	Record filter	8-18-62	Group interval	328/164
State	MASS	Sample rate	4ms	Fold coverage	36
Observer	HINES	gun depth	30'	in.³ of guns	1510

Pre-Plot	Shotpoint	File No.	Time	#Idir.	Cable Depth	W.D.	Reel No.	Line No.	Remarks
	536	201		NW	X,78,X,62		13725	4	RPM'S - 800 PAIR
	7	3			56,58,60,60		'A'		HEADING - 156
	8	5							TAILBUOY - 3° PORT
	9	7			X,24,X,19				SOB -
✓	540	9	0404		17,18,18,18	162'			
	1	211				49.39			SLOWED SPEED TO
	2	3							775 PAIR.
	3	5							
	4	7							
	5	9							
	6	221							
	7	3							
	8	5							
	9	7							
✓	550	9	0410			156'			
	1	231				47.56			
	2	3							
	3	5							
	4	7							
	5	9							
	6	241							
	7	3							
	8	5							
	9	7							
✓	560	9	0415			198'			
	1	251				60.37			
	2	3							
	3	5							
	4	7							
	5	9							
	6	261							
	7	3							
	8	5							
	9	7			T/C				LF 268 LSP 569
✓	570	9	0421			216	13726		FF 269 FSP 570
	1	271				65.85	'B'		
	2	3							
	3	5							
	4	7							
	5	9							
	6	281							
	7	3							
	8	5							SHOOTING WITH 1700
	9	7							ON GUNS. 300in³ GUN
✓	580	9	0426			198'			ON-LINE.
	1	291				60.37			DECREASED SPEED
	2	3							TO 750 PAIR.
	3	5							
	4	7							
	585	299							

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OBSERVERS MARINE REPORT

digicon inc. # 511

Client	USGS	Type instrument	DFS III	Offset distance	1134'
Area	GEORGES BK.	Record filter	8-18-62	Group interval	328/164
State	MASS.	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
	586	301		NW	X,75,X,64,		13726	4	RPMS - 750 PAIR
	7	3			59,62,60,59		'B'		HEADING - 162
	8	5							TAILBUOY - 3° STB.
	9	7			X, 23, X20				SOB - 5.4
✓	590	9	0432		18,19,18,18	192'			
	1	311				58.54			
	2	3							
	3	5							
	4	7							
	5	9							
	6	321							
	7	3							
	8	5							
	9	7							
✓	600	9	0438			198'			
	1	331				60.37			
	2	3							
	3	5							
	4	7							
	5	9							
	6	341			T/		13D6		LF - 342 LSP - 606
	7	3			/C		13D7		FF - 343 FSP - 607
	8	5					A		
	9	7							
✓	610	9	0446			192'			
	1	351				58.54			
	2	3							
	3	5							
	4	7							
	5	9							
	6	361							
	7	3							
	8	5							
	9	7							
✓	620	9	0452			198'			
	1	371				60.37			
	2	3							
	3	5							
	4	7							
	5	9							
	6	381							
	7	3							
	8	5							
	9	7							
✓	630	9	0457			222'			
	1	391				67.68			
	2	3							
	3	5							
	4	7							
	635	399							

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OBSERVERS MARINE REPORT

digicon inc. # 511

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

Pre-Plot	Shotpoint	File No.	Time	#1dir.	Cable Depth	W.D.	Reel No.	Line No.	Remarks
	636	401	[redacted]	NW	X, 75, X, 60		13727	4	RPM'S - 750 PAIR
	7	3			55, 58, 60, 59		A		HEADING - 154°
	8	5			X, 23, X, 18				TAILBUOY - 0°
	9	7			17, 18, 18, 18				SOB - 5.8
	640	9	0503			180'			
	1	411				54.88			
	2	3							
	3	5			T/C		13727		LF - 416 LSP - 643
	4	7					13728		FF - 417 FSP - 644
	5	9					B		
	6	421							
	7	3							SLOW TO 725 ON
	8	5							A PAIR.
	9	7							
✓	650	9	0509			168'			
	1	431				51.22			
	2	3							
	3	5							
	4	7							
	5	9							
	6	441							
	7	3							
	8	5							
	9	7							
✓	660	9	0515			210'			
	1	451				64.02			
	2	3							
	3	5							
	4	7							
	5	9							
	6	461							SLOW TO 700 ON
	7	3							A PAIR.
	8	5							
	9	7							
✓	670	9	0520			210'	"		
	1	471				64.02			
	2	3							
	3	5							
	4	7							
	5	9							
	6	481							
	7	3							
	8	5							
	9	7							
✓	680	9	0526		T/C	216'			LF 490 LSP 680
	1	491				65.85	13729		FF 491 FSP 681
	2	3					'A'		
	3	5							
	4	7							
	685	499							

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OBSERVERS MARINE REPORT

digicon inc. # 511

Client	U.S.G.S.	Type instrument	DFS III	Offset distance	1134'
Area	GEO. BANK	Record filter	8-18-62	Group interval	328/164
State	MASS.	Sample rate	4ms.	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
	686	501		N/W	X, 75 X 65		13729	4	BPM - 700 PAIR
	7	3			62, 61, 63, 62		'A'		HEAD - 149
	8	5							T.B. - N.V.
	9	7			X, 23 X 20				S.O.B. -
✓	690	9	0531		19, 19, 17, 19	228'			
	1	511				69.51			
	2	3							
	3	5							
	4	7							
	5	9							
	6	521							
	7	3							
	8	5							
	9	7							
✓	700	9	0536			216'			
	1	531				65.85			
	2	3							
	3	5							
	4	7							
	5	9							
	6	541							
	7	3							
	8	5							
	9	7							
✓	710	9	0542			240'			
	1	551				73.17			
	2	3							
	3	5							
	4	7							
	5	9							
	6	561							
	7	3			T/		13729		LF - 564 LSP - 717
	8	5			/C		13730		FF - 565 FSP - 718
	9	7					B		
✓	720	9	0548			222'			
	1	571				67.68			
	2	3							
	3	5							
	4	7							
	5	9							
	6	581							
	7	3							
	8	5							
	9	7							
✓	730	9	0554			204'			
	1	591				62.20			
	2	3							
	3	5							
	4	7							
	735	599							

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OBSERVERS MARINE REPORT

digicon inc. # 511

Client	USGS	Type instrument	DFS III	Offset distance	1134'
Area	GEORGES BK.	Record filter	8-18-62	Group interval	328/164
State	MASS.	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
	736	601		NW	~~76~~,75 X,64		13730	4	RPM'S - 700 PAIR
	7	3			60,63,65,61		B		HEADING - 151°
	8	5							TAILBUOY - N.U.
	9	7			8,23,X 20				SOB - 6.0
✓	740	9	5:58		18,19,20,19	204'			
	1	611				62.20			
	2	3							
	3	5							
	4	7							
	5	9							
	6	621							
	7	3							
	8	5							
	9	7							
✓	750	9	0604			198'			
	1	631				60.37			
	2	3							
	3	5							
	4	7			T/C		13730		LF - 638 LSP - 754
	5	9					13731		FF - 639 FSP - 755
	6	641					A		
	7	3							
	8	5							NOW SHOOTING
	9	7							1620 ^{3} IN.
✓	760	9	0609			204'			
	1	651				62.20			
	2	3							
	3	5							SLOW TO 675 ON
	4	7							A PAIR.
	5	9							
	6	661							
	7	3							
	8	5							
	9	7							
✓	770	9	0615			198'			
	1	671				60.37			
	2	3							
	3	5							
	4	7							
	5	9							
	6	681							
	7	3							
	8	5							
	9	7							
✓	780	9	0620			198'			
	1	691				60.37			
	2	3							
	3	5							
	4	7							
	785	699							

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OBSERVERS MARINE REPORT

digicon inc. # 511

Client	U.S.G.S.	Type instrument	DFS III	Offset distance	1134'
Area	GEO. BANK	Record filter	8-18/62	Group interval	328/164
State	MASS.	Sample rate	4MS.	Fold coverage	36
Observer	HINES	gun depth	30'	in.³ of guns	1620

Pre-Plot	Shotpoint	File No.	Time	#Idir.	Cable Depth	W.D.	Reel No.	Line No.	Remarks
	786	701		H/W			13731	4	BPM - 675 PAIR
	7	3					A		HEAD - 146°
	8	5							T.B. - N.V.
	9	7							S.O.B. - 6.0
✓	790	9	0625			198'			
	1	711			T/C	60.37	13731		LF-712 LSP-791
	2	3					13732		FF-713 FSP-792
	3	5					B		
	4	7							
	5	9							
	6	721							
	7	3							
	8	5							
	9	7							
✓	800	9	0630			198'			
	1	731				60.37			
	2	3							
	3	5							
	4	7							
	5	9							
	6	741							
	7	3							
	8	5							
	9	7							
✓	810	9	0636			198'			
	1	751				60.37			
	2	3							
	3	5							
	4	7							
	5	9							
	6	761							
	7	3							
	8	5							
	9	7							
✓	820	9	0641			198'			
	1	771				60.37			
	2	3							
	3	5							
	4	7							
	5	9							
	6	781							
	7	3							
	8	5			T/C				LF 786 LSP 828
	9	7							
	830	9							
	1	791					13733		FF 790 FSP 830
	2	3					'A'		
	3	5							MISSED SP 829 AND FIRST
	4	7							POP OF 830 (FILES 787, 788,
	835	799							789) ON TAPE CHANGE ✓

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OBSERVERS MARINE REPORT

digicon inc. # 511

Client	USGS	Type instrument	DFS III	Offset distance	1134'
Area	GEORGES BANK	Record filter	8-18/62	Group interval	328/164
State	MASS.	Sample rate	4ms.	Fold coverage	36
Observer	HINES	gun depth	30'	in.³ of guns	~~1700~~ 1620

Pre-Plot	Shotpoint	File No.	Time	#Idir.	Cable Depth	W.D.	Reel No.	Line No.	Remarks
	836	801		N/W	X 15, X, 65		13733	4	BPM - 675 PAIR
	7	3			61, 63, 66, 67		A		HEAD - 145
	8	5							T.B. - N.V.
	9	7			X, 23, X, 20				S.O.B. - 5.8
✓	840	9	0652		19, 19, 20, 20	198'			
	1	811				60.37			
	2	3							
	3	5							
	4	7							
	5	9							
	6	821							
	7	3							
	8	5							
	9	7							
✓	850	9	0657			198'			
	1	831				60.37			
	2	3							
	3	5							SLOW TO 650 ON
	4	7							A PAIR.
	5	9							
	6	841							
	7	3							
	8	5							
	9	7							
✓	860	9	0703			210'			
	1	851				64.02			
	2	3							
	3	5							
	4	7							
	5	9							
	6	861			T/		13733		LF - 862 LSP - 8666
	7	3			/C		13734		FF - 863 FSP - 867
	8	5					B		
	9	7							
	870	9	0709			210'			
	1	871				64.02			
	2	3							
	3	5							
	4	7							
	5	9							
	6	881							
	7	3							
	8	5							
	9	7							
✓	880	9	0715			216'			
	1	891				65.85			
	2	3							
	3	5							
	4	7							
	885	899							

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OBSERVERS MARINE REPORT

digicon inc. # 511

Client	USGS	Type instrument	DFS III	Offset distance	1134'
Area	GEO. BANK	Record filter	8-18/62	Group interval	328/164
State	MASS.	Sample rate	4ms.	Fold coverage	36
Observer	HINES	gun depth	30'	in.³ of guns	1620

Pre-Plot	Shotpoint	File No.	Time	#1 dir.	Cable Depth	W. D.	Reel No.	Line No.	Remarks
	886	901		N/W			13734	4	RPM - 650 PAIR
	7	3							HEAD - 138°
	8	5							T.B. - N.V.
	9	7							S.D.B. - S.B
✓	890	9	0720			210'			
	1	911				64.02			
	2	3							
	3	5							
	4	7							
	5	9							
	6	921							
	7	3							
	8	5							
	9	7							
✓	900	9	0725			210'			
	1	931				64.02			
	2	3							
	3	5			T/C		13734		LF - 936 LSP - 903
	4	7					0735		FF - 937 FSP - 904
	5	9					A		
	6	941							
	7	3							
	8	5							
	9	7							
✓	910	9	0730			210'			
	1	951				64.02			
	2	3							
	3	5							
	4	7							
	5	9							
	6	961							
	7	3							
	8	5							
	9	7							
✓	920	9	0735			210'			
	1	971				64.02			
	2	3							
	3	5							
	4	7							
	5	9							
	6	981							
	7	3							
	8	5							
	9	7							
✓	930	9	0740			210'			
	1	991				64.02			
	2	3							
	3	5							
	4	7							
	935	999							

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OBSERVERS MARINE REPORT

digicon inc. # 511

Client	USGS	Type instrument	DFS III	Offset distance	1134'
Area	GEO BANK	Record filter	8-18/62	Group interval	328/164
State	MASS	Sample rate	4ms.	Fold coverage	36
Observer	HINES	gun depth	30'	in.³ of guns	1620

Pre-Plot	Shotpoint	File No.	Time	#Idir.	Cable Depth	W.D.	Reel No.	Line No.	Remarks
	936	001		N/W	X,75,X,66		13735	4	BPM - 650 PAIR
	7	3			61,62,64,63		'A'		HEAD - 134
	8	5			X,23,X,20				T.B. - N.V.
	9	7			19,19,20,19				S.O.B - 5.8
✓	940	9	0746		T/C	198'			LF 011 LSP 941
	1	011							FF 012 FSP 941
	2	3				60.37	13736		
	3	5					'B'		SPLIT SP 941 ON TAPE ✓
	4	7							
	5	9							
	6	021							
	7	3							
	8	5							
	9	7							
✓	950	9	0751			208'			
	1	031				63.41			
	2	3							
	3	5							
	4	7							
	5	9							
	6	041							
	7	3							
	8	5							
	9	7							
✓	960	9	0756			204'			
	1	051				62.20			
	2	3							
	3	5							
	4	7							
	5	9							
	6	061							
	7	3							
	8	5							
	9	7							
✓	970	9	0802			204'			
	1	071				62.20			
	2	3							
	3	5							
	4	7							
	5	9							
	6	081							
	7	3							
	8	5			T/C				LF 086 LSP 978
	9	7					13737		FF 087 FSP 979
✓	980	9	0807			204'	'A'		
	1	091				62.20			
	2	3							
	3	5							
	4	7							
	985	099							

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OBSERVERS MARINE REPORT

digicon inc. # 511

Client	USGS	Type instrument	DFS III	Offset distance	1134'
Area	GEORGES BK.	Record filter	8-18-62	Group interval	328/164
State	MASS	Sample rate	4ms	Fold coverage	36
Observer	HINES	gun depth	30'	in.³ of guns	1620

Pre-Plot	Shotpoint	File No.	Time	#Idir.	Cable Depth	W.D.	Reel No.	Line No.	Remarks
	986	101		NW	X,76,X,66,		13737	4	RPMS - 650 PAIR
	7	3			61,63,64,62		'A'		HEADING - 130
	8	5							TAILBUOY - N.V.
	9	7			X,23,X,20				SOB - 5.8
✓	990	9	0813		19, 19, 20, 19	216'			
	1	111				65.85			
	2	3							
	3	5							PARITY ERROR - FILE 118
	4	7							
	5	9							
	6	121							
	7	3							
	8	5							PARITY ERROR - FILE 124
	9	7			T/C				" " " 126
✓	1000	9	0818			216'	13738		" " " 127
	1	131				65.85	'B'		" " " 128
	2	3							LF 128 LSP 999
	3	5							FF 129 FSP 1000
	4	7							
	5	9							
	6	141							
	7	3							
	8	5							
	9	7							
✓	1010	9	0824			210'			
	1	151				64.02			
	2	3							
	3	5							
	4	7							
	5	9							
	6	161							
	7	3							
	8	5							
	9	7							
✓	1020	9	0829			210'			
	1	171				64.02			
	2	3							
	3	5							
	4	7							
	5	9							
	6	181							Stop line
	7	3							
	8	5							
	9	7							
✓	1030	9	0835			201'			
	1	191				61.28			
	2	3							
	3	5							
	4	7							
	1035	199							

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OBSERVERS MARINE REPORT

digicon inc. # 511

Client	USGS	Type instrument	DFS III	Offset distance	1134'
Area	GEORGES BK.	Record filter	8-18-62	Group interval	328/164
State	MASS	Sample rate	4ms	Fold coverage	36
Observer	HINES	gun depth	30'	in.³ of guns	1620

Pre-Plot	Shotpoint	File No.	Time	#Idir.	Cable Depth	W.D.	Reel No.	Line No.	Remarks
	1036	201		NW	T/C		13738 'B'	4	RPM'S - 650 PAIR
	7	3							HEADING - 122
	8	5							TAILBUOY - N.V.
	9	7			X,75 X,65,		13739		SOB - 5.6
✓	1040	9	0842		59,64,66,70	198'	'A'		LF 201 FSP 1036
	1	211				60.37			FF 202 FSP 1037
	2	3			X,23,X 20,				
	3	5			18,20,20,21				
	4	7							
	5	9							
	6	221							
	7	3							
	8	5							
	9	7							
✓	1050	9	0848			204'			
	1	231				62.20			
	2	3							
	3	5							
	4	7							
	5	9							
	6	241							
	7	3							
	8	5							
	9	7							
✓	1060	9	0854			216'			
	1	251				65.85			
	2	3							
	3	5							
	4	7							
	5	9							
	6	261							
	7	3							
	8	5							
	9	7							
✓	1070	9	0900			216'			
	1	271				65.85			
	2	3							
	3	5			T/C				LF 276 LSP 1073
	4	7					13740 'B'		FF 277 FSP 1074
	5	9							
	6	281							
	7	3							
	8	5							
	9	7							
✓	1080	9	0907			216'			
	1	291				65.85			
	2	3							
	3	5							
	4	7							
	1085	299							

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OBSERVERS MARINE REPORT

digicon inc. # 511

Client	USGS	Type instrument	DFS III	Offset distance	1134'
Area	GEORGES BK	Record filter	8-18-62	Group interval	328/164
State	MASS	Sample rate	4MS	Fold coverage	36
Observer	HINES	gun depth	30'	in.³ of guns	1620

Pre-Plot	Shotpoint	File No.	Time	#Idir.	Cable Depth	W.D.	Reel No.	Line No.	Remarks
	1086	301		NW	X,75,X,66		13740	4	RPM'S - 650 PAIR
	7	3			61,65,66,64		'B'		HEADING - 125
	8	5							TAILBUOY - N.V.
	9	7			X,23,X,20				SOB - 5.3
✓	1090	9	0913		19,20,20,20	216'			
	1	311				65.85			
	2	3							
	3	5							
	4	7							
	5	9							
	6	321							
	7	3							
	8	5							
	9	7							
✓	1100	9	0920			228'			
	1	331				69.51			
	2	3							
	3	5							PICKING UP SCREW NOISE
	4	7							
	5	9							
	6	341							
	7	3							
	8	5							
	9	7							
✓	1110	9	0926		T/C	228'			LF 350 LSP 1110
	1	351				69.51	13741		FF 351 FSP 1111
	2	3					'A'		
	3	5							NOW SHOOTING WITH
	4	7							1590 in³ ON GUNS.
	5	9							
	6	361							
	7	3							
	8	5							
	9	7							
✓	1120	9	0933			246'			
	1	371				75.00			
	2	3							
	3	5							
	4	7							
	5	9							
	6	381							
	7	3							
	8	5							
	9	7							
✓	1130	9	0939			246'			
	1	391				75.00			
	2	3							
	3	5							
	4	7							
	1135	399							

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OBSERVERS MARINE REPORT

digicon inc. # 511

Client	USGS	Type instrument	DFS III	Offset distance	1134'
Area	GEORGES BK	Record filter	8-18-62	Group interval	328/164
State	MASS	Sample rate	4ms	Fold coverage	36
Observer	HINES	gun depth	30'	in.³ of guns	1590

Pre-Plot	Shotpoint	File No.	Time	#Idir.	Cable Depth	W.D.	Reel No.	Line No.	Remarks
	1136	401		NW	X,75,X,64		13741	4	RPM'S - 650 PAIR
	7	3			60,63,61,60		'A'		HEADING - 123
	8	5							TAILBUOY - N.V.
	9	7			X,23,X20				SOB - 5.1
✓	1140	9	0946		18,19,19,18	252'			
	1	411				76.83			
	2	3							INCREASED SPEED
	3	5							TO 675 PAIR.
	4	7							
	5	9							
	6	421							
	7	3			T/C				LF 424 LSP 1147
	8	5					13742 'B'		FF 425 FSP 1148
	9	7							
✓	1150	9	0954			252'			
	1	431				76.83			
	2	3							
	3	5							
	4	7							
	5	9							
	6	441							
	7	3							
	8	5							
	9	7							
✓	1160	9	1001			252'			
	1	451				76.83			
	2	3							
	3	5							
	4	7							
	5	9							
	6	461							
	7	3							
	8	5							
	9	7							
✓	1170	9	1009			258'			
	1	471				78.66			
	2	3							
	3	5							
	4	7							
	5	9							
	6	481							
	7	3							
	8	5							
	9	7							
✓	1180	9	1016			258'			
	1	491				78.66			
	2	3							
	3	5							
	4	7			T/C				LF 498 LSP 1184
	1185	499					13742 'A'		FF 499 FSP 1185

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OBSERVERS MARINE REPORT

digicon inc. # 511

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

Pre-Plot	Shotpoint	File No.	Time	#Idir.	Cable Depth	W.D.	Reel No.	Line No.	Remarks
	1186	501		NW	X,75,X64		~~13479~~	4	RPM'S - 675 PAIR
	7	3			59,60,62,61		13743		HEADING - 139
	8	5					'A'		TAILBUOY - N.V.
	9	7			X,23,X20				SOB - 5.0
✓	1190	9	1022		18,18,19,19	258'			
	1	511				78.66			
	2	3							INCREASED SPEED TO
	3	5							700 PAIR.
	4	7							
	5	9							
	6	521							
	7	3							
	8	5							
	9	7							
✓	1200	9	1029			270'			
	1	531				82.32			
	2	3							
	3	5							
	4	7							
	5	9							
	6	541							
	7	3							
	8	5							
	9	7							
✓	1210	9	1034			276'			
	1	551				84.15			
	2	3							
	3	5							
	4	7							
	5	9							
	6	561							
	7	3							
	8	5							
	9	7							
✓	1220	9	1041			276'			
	1	571			T/C	84.15			LF 572 LSP 1221
	2	3					13744		FF 573 FSP 1222
	3	5					'B'		
	4	7							
	5	9							
	6	581							
	7	3							
	8	5							
	9	7							
✓	1230	9	1047			276'			
	1	591				84.15			
	2	3							
	3	5							
	4	7							
	1235	599							

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OBSERVERS MARINE REPORT

digicon inc. # 511

Client	USGS	Type instrument	DFS III	Offset distance	1134'
Area	GEORGES BK	Record filter	8-18-62	Group interval	328/164
State	MASS	Sample rate	4ms	Fold coverage	36
Observer	HINES	gun depth	30'	in.³ of guns	1590

Pre-Plot	Shotpoint	File No.	Time	#Idir.	Cable Depth	W.D.	Reel No.	Line No.	Remarks
	1236	601		NW	X,75,X,62		13744	4	RPM'S - 700 PAIR
	7	3			60,61,63,62		'B'		HEADING - 139
	8	5							TAILBUOY - N.V.
	9	7			X,23,X,19				SOB - 4.7
✓	1240	9	1054		18,19,19,19	276'			
	1	611				94.15			
	2	3							INCREASED SPEED TO
	3	5							725 PAIR
	4	7							
	5	9							
	6	621							
	7	3							
	8	5							
	9	7							
✓	1250	9	1101			282'			
	1	631				95.98			
	2	3							
	3	5							
	4	7							
	5	9							
	6	641							
	7	3							
	8	5			T/C				LF 646 LSP 1258
	9	7					13745		FF 647 FSP 1259
✓	1260	9	1109			288'	'A'		
	1	651				87.80			
	2	3							
	3	5							
	4	7							
	5	9							
	6	661							
	7	3							
	8	5							
	9	7							
✓	1270	9	1116			294'			
	1	671				89.63			
	2	3							
	3	5							
	4	7							
	5	9							
	6	681							
	7	3							
	8	5							
	9	7							
✓	1280	9	1122			288'			
	1	691				87.80			
	2	3							
	3	5							
	4	7							
	1285	699							

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OBSERVERS MARINE REPORT

digicon inc. # 511

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

Pre-Plot	Shotpoint	File No.	Time	#Idir.	Cable Depth	W.D.	Reel No.	Line No.	Remarks
	1286	701		NW	X, 25, X, 60		13745	4	RPM'S - 725 PAIR
	7	3			57, 60, 61, 58		A		HEADING - 140°
	8	5							TAILBOUY - N.U.
	9	7			X, 23, X, 18				SOB - 5.2
✓	1290	9	1128		17, 18, 19, 18	294'			
	1	711				89.63			
	2	3							
	3	5							
	4	7							
	5	9			T/C		13745		SLOW TO 650 ON
	6	721					13746		A PAIR TO AVOID
	7	3					B		TRAFFIC.
	8	5							
	9	7							
✓	1300	9	1135			294'			LF - 720 LSP - 1295
	1	731				89.63			FF - 721 FSP - 1296
	2	3							
	3	5							
	4	7							
	5	9				91.46			
	6	741	1139			300'			LF - 742 LSP - 1306
	7	3							
	8	5			CIRCLE UP DUE				
	9	7			TO HEAVY TRAFFIC.				
	1310	9							
	1	751							
	2	3							
	3	5							
	4	7							
	5	9							
	6	761							
	7	3							
	8	5							
	9	7							
	1320	9							
	1	771							
	2	3							
	3	5							
	4	7							
	5	9							
	6	781							
	7	3							
	8	5							
	9	7							
	1330	9							
	1	791							
	2	3							
	3	5							
	4	7							
	1335	799							

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OBSERVERS MARINE REPORT

digicon inc. # 511

Client	U.S.G.S.	Type instrument	DFS III	Offset distance	346M/1134'
Area	GEORGES BK.	Record filter	8-18-62	Group interval	328/164
State	MASS.	Sample rate	4MS	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
A ✓	1288	001	1418	NW	X.75.x61.~~[illegible]~~	300'	13746	4	RPM'S - 725
	9	3			57.60.60.58	91.46	'B'		HEADING - 147°
✓	1290	5	1419		X23, X19,	300'			TAILBUOY - N.D.
	1	7			17,18,18,18	91.46			SOB - 5.4
	2	9							
?	3	011					5697		FILE #001 - MISS FIRE ✓
	4	3							
	5	5							
	6	7							~~Picking~~
	7	9							PICKING UP SCREW
	8	021							NOISE
	9	3							SONO BUOY OVER ON
A SHOTS ✓	1300	5	1425			300'			SP#1295 - 300' DEPTH
	1	7				91.46			
	2	9							SONO BUOY N.G.
	3	031							
	4	3							
	5	5							
A	6	7							
	7	9							
	8	041							
	9	3							
✓	1310	5	1431			306'			
	1	7				93.29			
	2	9							
	3	051			T/C				LSP#1313 LF#052
	4	3					13747		FSP#1314 FF#053
	5	5					A		
	6	7							
	7	9							
	8	061					5698		
	9	3							
✓	1320	5	1437			309'			
	1	7				94.21			SONO BUOY OVER ON
	2	9							SP#1322 - W.D. 309'?
	3	071							
	4	3							STILL PICKING UP SCREW
	5	5							NOISE
	6	7							
	7	9							
	8	081							
	9	3							
✓	1330	5	1444			312'			
	1	7				95.12			
	2	9							
	3	091							
	4	3							
	5	5							
	6	7							
	1337	099							

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OBSERVERS MARINE REPORT

digicon inc. # 511

Client	U.S.G.S	Type instrument	DFS III	Offset distance	1134'
Area	GEORGES BK.	Record filter	8-18-62	Group interval	328/164
State	MASS	Sample rate	4MS	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	
	1338	101		NW	X.75.X.61		13747	4	RPM'S -	725
	9	3			57, 60, 61, 58		A		HEADING -	132°
✓	1340	5	1451		X, 23 X 19	336'			TAILBUOY -	N.V.
	1	7			17, 18, 19, 18	102.44			SOB -	4.8
	2	9					5698			
	3	111								
	4	3								
	5	5								
	6	7								
	7	9								
	8	121								
	9	3								
✓	1350	5	1500		T/C	318'			LSP # 1350	LF # 126
	1	7				96.95	13748		FSP # 1351	FF # 127
	2	9					B			
	3	131								
	4	3					5699			
	5	5								
	6	7								
	7	9								
	8	141								
	9	3								
✓	1360	5	1507			309'				
	1	7				94.21				
	2	9								
	3	151								
	4	3								
	5	5								
	6	7								
	7	9								
	8	161								
	9	3								
✓	1370	5	1514			306'				
	1	7				93.29				
	2	9								
	3	171								
	4	3							FILE # 174	AUTO FIRE ✓
	5	5								
	6	7								
	7	9								
	8	181								
	9	3								
✓	1380	5	1521			312'				
	1	7				95.12				
	2	9								
	3	191								
	4	3								
	5	5								
	6	7			T/C				LSP # 1387	LF # ~~300~~ 200
	1387	199					13749		FSP 1388	FF 201

A

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OBSERVERS MARINE REPORT

digicon inc. # 511

Client	USGS	Type instrument	DFS - III	Offset distance	1134'
Area	GEORGES BANK	Record filter	8/18/62	Group interval	328/164
State	MASS.	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	
	1388	201		NW	X-75 X 60		13749	4	RPM	758
	9	3			57, 58, 58 58		A		HEADING	134
✓	1390	5	1529		X23X 18,	318'			T.B	N.V.
	1	7			17, 18, 18, 18	96.95			S.O.B	5.0
	2	9								
	3	211								
	4	3					5700			
	5	5								
	6	7								
	7	9								
	8	221								
	9	3								
✓	1400	5	1536			3.09'				
	1	7				94.21				
	2	9								
	3	231								
	4	3								
	5	5								
	6	7								
	7	9								
	8	241								
	9	3								
✓	1410	5	1544			306'				
	1	7				93.29				
	2	9								
	3	251								
	4	3								
	5	5								
	6	7								
	7	9								
	8	261								
	9	3								
✓	1420	5	1552			306'				
	1	7				93.29				
	2	9								
	3	271								
	4	3			T/C				LSP # 1424	LF # 274
	5	5					13750		FSP # 1425	FF # 275
	6	7					B			
	7	9								
	8	281					5701			
	9	3								
✓	1430	5	1558			306'				
	1	7				93.29				
	2	9								
	3	291								
	4	3								
	5	5								
	6	7								
	1437	9								

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OBSERVERS MARINE REPORT

digicon inc. # 511

Client	USGS	Type instrument	DFS III	Offset distance	1134
Area	GEORGES BANK	Record filter	8/18/62	Group interval	328/164
State	MASS.	Sample rate	4 ms	Fold coverage	36
Observer	McDANIEL	gun depth	30'	in.³ of guns	1200

Pre-Plot	Shotpoint	File No.	Time	#Idir.	Cable Depth	W.D.	Reel No.	Line No.	Remarks
	1438	301		NW	78,75,x,60		13750	4	RPM 750
	9	3			57,58,58,58		B		HEADING 136°
✓	1440	5	1604		x,23 x 18	294'			T.B N.U.
	1	7			17,18,18,18	89.63			S.O.B. 4.8
	2	9							
	3	311							
	4	3							
	5	5					5701		
	6	7							
	7	9							
	8	321							
	9	3							
✓	1450	5	1610			300'			
	1	7				91.46			
	2	9							
	3	331							
	4	3							
	5	5							
	6	7							
	7	9							
	8	341							
	9	3							
✓	1460	5	1617			300'			
	1	7			T/C	91.46			LSP# 1461 LF# 348
	2	9					13751		FSP# 1462 FF# 349
	3	351					A		
	4	3							
	5	5							
	6	7					5702		
	7	9							
	8	361							
	9	3							
✓	1470	5	1624			306'			
	1	7				93.29			
	2	9							
	3	371							
	4	3							
	5	5							
	6	7							
	7	9							
	8	381							
	9	3							
✓	1480	5	1631			306'			
	1	7				93.29			
	2	9							
	3	391							
	4	3							
	5	5							
	6	7							
	1487	9							

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OBSERVERS MARINE REPORT

digicon inc. # 511

Client	USGS	Type instrument	DFS III	Offset distance	1134'
Area	GEORGES BANK	Record filter	8/18/62	Group interval	328/164
State	MASS.	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	
	1488	401		N/W	X, 68, X, 60		13751	4	RPM	750
	9	3			57, 58, 58, 60		A		HEADING	145°
✓	1490	5	1639		X 21 X 18	312'			T.B.	N.U.
	1	7			17, 18, 18, 18	95.12			S.O.B.	4.5
	2	9								
	3	411								
	4	3					S702			
	5	5								
	6	7								
	7	9								
	8	421			T/C				LSP# 1498	LF# 422
	9	3					13752		FSP# 1499	FF# 423
✓	1500	5	1646			312'	B			
	1	7				95.12			SONO BUOY OFF - SP# 1500	
	2	9								
	3	431								
	4	3					S703			
	5	5								
	6	7								
	7	9								
	8	441								
	9	3								
✓	1510	5	1654			318'				
	1	7				96.95				
	2	9								
	3	451								
	4	3								
	5	5								
	6	7								
	7	9								
	8	461								
	9	3								
✓	1520	5	1701			324'				
	1	7				98.78				
	2	9								
	3	471								
	4	3								
	5	5								
	6	7								
	7	9								
	8	481								
	9	3								
✓	1530	5	1708			330'				
	1	7				100.61				
	2	9								
	3	491								
	4	3								
	5	5			T/C				LSP# 1535	LF# 496
	6	7					13753		FSP 1536	FF# 497
	1537	9					A			

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OBSERVERS MARINE REPORT

digicon inc. # 511

Client	USGS	Type instrument	DFS-III	Offset distance	1134'
Area	GEORGES BANK	Record filter	8/18/62	Group interval	328/164
State	MASS	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
	1538	501		NW	X, 68, X, 60		~~[illegible]~~	4	RPM 750
	9	3			56, 58, 58, 60		13753		HEADING 148°
✓	1540	5	1715		X, 21, X 18	342'	A		T.B. N.V.
	1	7			17, 18, 18, 18	104.27			S.O.B. 5.1
	2	9							
	3	511							
	4	3					5704		
	5	5							
	6	7							
	7	9							
	8	521							
	9	3							
✓	1550	5	1721			360'			
	1	7				109.76			
	2	9							
	3	531							
	4	3							LOBSTER ON PORT SIDE
	5	5							4° STARBOARD
	6	7							
	7	9							
	8	541							
	9	3							
✓	1560	5	1727			378'			
	1	7				115.24			
	2	9							
	3	551							
	4	3							
	5	5							
	6	7							
	7	9							
	8	561							
	9	3							
✓	1570	5	1734			402'			
	1	7				122.56			
	2	9			T/C		~~15753~~		LAST FILE 570 SP 1572
	3	571					13754		FIRST FILE 571 SP 1573
	4	3					"B"		
	5	5							
	6	7							LOBSTER ON CABLE
	7	9					5705		MOVING DOWN —
	8	581							INCREASE SPEED TO SHAKE
	9	3							BOOM —
✓	1580	5	1741			420'			
	1	7				128.05			
	2	9							
	3	591							
	4	3							
	5	5							
	6	7							(Cables Looks OK)
	1587	9							

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OBSERVERS MARINE REPORT

digicon inc. # 511

Client	USGS	Type instrument	DFS-III	Offset distance	1134'
Area	GEORGES BANK	Record filter	8/18/62	Group interval	328/164
State	MASS.	Sample rate	4 ms	Fold coverage	36
Observer	MC DANIEL	gun depth	30'	in.^{3} of guns	1700^{3}IN

Pre-Plot	Shotpoint	File No.	Time	#1 dir.	Cable Depth	W.D.	Reel No.	Line No.	Remarks
	1588	601		NW	X68, X60.58		13754	4	RPM 750 R.
	9	3			60, 63, 63		B		HEADING 148°
✓	1590	5	1747			504'			T.B. N.V.
	1	7				153.66			S.O.B. 5.1
	2	9							
	3	611					5705		
	4	3							600' OFF OF LINE (STB)
	5	5							DUE TO LOBSTER POTS
	6	7							
	7	9							
	8	621							
	9	3							
✓	1600	5	1754		810'	~~900~~'			
	1	7				246.95			
	2	9							
	3	631							
	4	3							
	5	5							
	6	7							
	7	9							
	8	641							SIMRAD OFF - START
	9	3			T/C	1500'			TO USE EPC CHART
✓	1610	5	1801			~~13755~~	13755		LSP# 1609 LF# 644
	1	7				~~A~~	A		FSP# 1610 FF# 645
	2	9				457.32			
	3	651							
	4	3					5706		
	5	5							
	6	7							
	7	9							
	8	661							
	9	3							
✓	1620	5	1808			2250			
	1	7				685.98			
	2	9							
	3	671							
	4	3							LOBSTER POT ON CABLE
	5	5							
	6	7							
	7	9							
	8	681							
	9	3							
✓	1630	5	1815			2500			
	1	7				762.20			
	2	9							
	3	691							
	4	3							
	5	5							
	6	7							
	1637	9							

STOP HERE

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OBSERVERS MARINE REPORT

digicon inc. # 511

Client	USGS	Type instrument	DFS-III	Offset distance	1134'
Area	GEORGES BANK	Record filter	8/18/62	Group interval	328/164
State	MASS.	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
	1638	701		NW	X, 68, X 60		13755	4	RPM 750
	9	3			58, 60, 63, 63		A		HEADING 154°
✓	1640	5	1823			2750'			T.B. N.V.
	1	7				838.4			S.O.B.
	2	9							
	3	711					5706		
	4	3	1827						LAST FILE - 713 -
	5	5							
	6	7			STOP DUE TO				
	7	9							
	8	721			LOBSTER ON CABLE				
	9	3							
	1650	5			TRACES 1 THRU 16 SHOWING OPEN				
	1	7							
	2	9			BELIEVE LOBSTER POT RIP SECT.				
	3	731							
	4	3			OPEN -				
	5	5							
	6	7							
	7	9							
	8	741							
	9	3							
	1660	5							
	1	7							
	2	9							
	3	751							
	4	3							
	5	5							
	6	7							
	7	9							
	8	761							
	9	3							
	1670	5							
	1	7							
	2	9							
	3	771							
	4	3							
	5	5							
	6	7							
	7	9							
	8	781							
	9	3							
	1680	5							
	1	7							
	2	9							
	3	791							
	4	3							
	5	5							
	6	7							
	1687	9							

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OBSERVERS MARINE REPORT

digicon inc. # 511

Client	U.S.G.S.	Type instrument	DFS III	Offset distance	1134
Area	GEORGES BK.	Record filter	8-18-62	Group interval	328/164
State	MASS	Sample rate	4ms	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
A	1700	395	0848	NW	45,55,62,60	3300'	13762	4	RPMS - 725 PAIR
	1	396			56,55,55,56	1006.10	'B'		HEADING - 138°
	2	001			14,17,x,18				TAILBUOY - N.V.
	3	007			17,17,x,17				SOB - 5.0 (W.T.)
	4	9							
	5	011							FILE # 395 [redacted]
	6	3							NO GOOD ✓
	7	5							
	8	7							SP # 1700A -
	9	9							? FILE # 395 [redacted]
✓	1710	021	0855			3800'			
	1	3				1158.54			SP # 1701A - ?
	2	5							FILE # 396 & 397
	3	7							
	4	9							SP # 1702A - ?
	5	031							FILE # 001 & 006
	6	3							
	7	5							SP # 1703A - ?
	8	7							FILE # 007 & 008
	9	9							
'A' SHOTS ✓	1720	041	0902			4200'			
	1	3	← START 1721			1280.49			OBJECT MOVING
	R2 2	5							DOWN CABLE.
	3	7					5912		
	4	9							
	5	051							
	6	3							
	7	5							
	8	7							
	9	9							
	1730	061	0908			4300'			
	1	3				1310.98			
	2	5							
	3	7							
	4	9							
	5	071							
	6	3			T/C		13762		LF - 074 LSP - 1736
	7	5					13763		FF - 075 FSP - 1737
	8	7					A		
	9	9							
✓	1740	081	0915			4500'			
	1	3				1371.95			
	R3 2	5					5913		
	3	7							
	4	9							
	5	091							
	6	3							
	7	5							
	8	7							
A	1749	099							

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OBSERVERS MARINE REPORT

digicon inc. # 511

Client	U.S.G.S.	Type instrument	DFS III	Offset distance	1134'
Area	GEORGES BK.	Record filter	8-18-62	Group interval	328/164
State	MASS.	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
A ✓	1750	101	0921	NW	46,54,61,60	4700'	13763	4	RPMS - 725 PAIR
	1	3			54,55,55,56	1432.93	A		HEADING - 143°
	2	5			14,16,X,18				TAILBUOY - N.V.
	3	7			16,17,X,17				SOB - [redacted] 5.3(W.T.)
	4	9							
	5	111							
	6	3							PICKING UP SCREW
	7	5					5713		NOISE.
	8	7							
	9	9							
	1760	121	0927			4800'			SP#1760 - CHANGE
	1	3				1463.41			TO 12 SECOND
	D4 2	5							RECORDS. ✓
	3	7							
	4	9							
	5	131							
	6	3							
	7	5							
	8	7							
	9	9			T/C		13763		LF - 180 LSP - 1769
A SHOTS ✓	1770	141	0933			5200'	13764		FF - 141 FSP - 1770
	1	3				1585.37	B		
	2	5							
	3	7							
	4	9							
	5	151					5714		
	6	3							
	7	5							
	8	7							
	9	9							
	✓ 1780	161	0939			5400'			
	1	3				1646.34			
	D5 2	5							
	3	7							
	4	9							
	5	171							
	6	3							
	7	5							
	8	7							
	9	9							
	✓ 1790	181	0945			5800'			SLOW TO 700 ON A PAIR.
	1	3				1768.29			
	2	5							
	3	7							
	4	9							
	5	191							
	6	3							
	7	5					13764		LF - 196 LSP - 1797
	8	7					13765		FF - 197 FSP - 1798
A	1799	199					A		

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OBSERVERS MARINE REPORT

digicon inc. # 511

Client	U.S.G.S.	Type instrument	DFS III	Offset distance	1134'
Area	GEORGES BK.	Record filter	8-18-62	Group interval	328/164
State	MASS	Sample rate	4MS	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
A ✓	1800	201	0952	NW	45,53,60,62	6200'	13765	4	RPM'S - 700 PAIR
	1	3			54,56,57,55	1890.24	A		HEADING - 140°
	R6 2	5			14,16,X,19				TAILBUOY - N.U.
	3	7			16,17,X,17				SOB - 5.3 (W.T.)
A SHOT	4	9							
	5	211							
A	6	3							
	7	5					5715		
	8	7							
	9	9							
✓	1810	221	1000			6500'			
	1	3				1981.71			SLOW TO 675 ON
	2	5							A PAIR.
	3	7							
	4	9							
	5	231							
	6	3							
	7	5							
	8	7							
	9	9							
✓	1820	241	1006			6700'			
	1	3				2042.68			
	R7 2	5							
	3	7							
	4	9							
	5	251			T/		13765		LF-252 LSP-1825
	6	3			/C		13766		FF-253 FSP-1826
	7	5					B		
	8	7							
	9	9							
✓	1830	261	1013			7000'	5716		
	1	3				2134.15			
	2	5							
	3	7							
	4	9							
	5	271							
	6	3							
	7	5							
	8	7							
	9	9							
✓	1840	281	1020			7200			
	1	3				2195.12			
	R8 2	5							
	3	7							
	4	9							
	5	291							
	6	3							
	7	5							
	8	7							
	1849	299							

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OBSERVERS MARINE REPORT

digicon inc. # 511

Client	U.S.G.S.	Type instrument	DFS III	Offset distance	1134'
Area	GEO. BANK	Record filter	8-18/62	Group interval	328/164
State	MASS.	Sample rate	4ms.	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
✓	1850	301	1030	N/W	46,54,60,63	7350'	13766	4	BPM - 675 PAIR
	1	3			55,57,58,64	2240.85	B		HEAD - 147°
	2	5							T.B. - N.U.
	3	7			T/		13766		S.O.B. - 4.8 (W.T.)
	4	9			/C		13767		
	5	311			14,16,X,19		A		
	6	3			17,17,X,19				LF - 308 LSP - 1853
	7	5							FF - 309 FSP - 1854
	8	7							
	9	9							
✓	1860	321	1038			7450'			
	1	3				2271.34	57A		
	R9 2	5							
	3	7							
	4	9							
	5	331							
	6	3							
	7	5							
	8	7							
	9	9							
✓	1870	341	1046			7500'			
	1	3				2286.59			
	2	5							
	3	7							
	4	9							
	5	351							
	6	3							
	7	5							
	8	7							
	9	9							
✓	1880	361	1054			7600			
	1	3			T/	2317.07	13767		LF - 364 LSP - 1881
	R10 2	5			/C		13768		FF - 365 FSP - 1882
	3	7					B		
	4	9							
	5	371							
	6	3					57B		
	7	5							
	8	7							
	9	9							
✓	1890	381	1102			7530'			
	1	3				2295.73			
	2	5							
	3	7							
	4	9							
	5	391							
	6	3							
	7	5							
	8	7							
	1899	399							

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OBSERVERS MARINE REPORT

digicon inc. # 511

Client	U.S.G.S.	Type instrument	DFS III	Offset distance	1134'
Area	GEO. BANK	Record filter	8-18/62	Group interval	328/164
State	MASS.	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
✓	1900	401	1110	N/W	46,54,59,61	7625	13768	4	BPM - 675 PAIR
	1	3			55,55,56,58	2324.70	B		HEAD - 145°
	R11 2	5							T.B. - N.V.
	3	7			14,16,X,19				S.O.B - 4.6 (W.T.)
	4	9			17,17,X,18		5718		
	5	411							
	6	3							
	7	5							SPEED UP TO 700
	8	7							ON A PAIR.
	9	9			T/		13768		LF - 420 LSP - 1909
✓	1910	421	1119		/C	7650	13769		FF - 421 FSP - 1910
	1	3				2232.32	A		
	2	5							
	3	7							
	4	9							
	5	431							
	6	3					5719		
	7	5							
	8	7							
	9	9							
✓	1920	441	1128			7850			
	1	3				2393.29			
	R12 2	5							
	3	7							
	4	9							
	5	451							
	6	3							
	7	5							
	8	7							
	9	9							
✓	1930	461	1135			8000			
	1	3				2439.02			
	2	5							
	3	7							
	4	9							
	5	471							
	6	3							
	7	5			T/		13769		LF - 476 LSP - 1937
	8	7			/C		13770		FF - 477 FSP - 1938
	9	9					B		
✓	1940	481	1143			8125			
	1	3				2477.13			FILE # 487 -
	R13 2	5					5720		PARITY ERROR.?
	3	7							
	4	9							
	5	491							
	6	3							
	7	5							
	8	7							
	1949	499							

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OBSERVERS MARINE REPORT

digicon inc. # 511

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

Pre-Plot	Shotpoint	File No.	Time	#1dir.	Cable Depth	W.D.	Reel No.	Line No.	Remarks
✓	1950	501	1149	N/W	45 54 60 61	8084'	13770	4	RPM - 700 PAIR
	1	3			56, 57, 54, 56	2464.63	B		HEAD - 145°
	2	5							T.B. - 0°
	1953	7			14, 16, X, 19				S.O.B. - 4.8 (W.T.)
	4	9			17, 17, X, 17		5720		
	5	511							
	6	3							
	7	5							
	8	7*							
	9	9							
✓	1960	521	1156			8168'			
	1	3				2490.24			
	RM 2	5*							
	3	7	Good						
	4	9							
	5	531			T/C				LSP# 1965 LF 532
	6	3					13771		FSP# 1966 FF 533
	7	5					A		
	8	7							
	9	9							
✓	1970	541	1205			8335'			
	1	3				2541.16	5721		
	2	5							
	3	7							
	1974	9							
	5	551							
	6	3							
	7	5							
	8	7							
	9	9							
✓	1980	561	1212			8340'			
	1	3				2542.68			
	RM 2	5							
	3	7							
	4	9							
	5	571							
	6	3							
	7	5							
	1988	7							
	9	9							
✓	1990	581	1219			8502'			
	1	3				2592.07			
	2	5							
	3	7			T/C				LSP # 1993 LF # 588
	4	9					13772		FSP# 1994 FF # 589
	5	591					B		
	6	3							
	7	5					5722		
	8	7							
	1999	599							

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OBSERVERS MARINE REPORT

digicon inc. # 511

Client	USGS	Type instrument	DFS III	Offset distance	1134'
Area	GEO. BANK	Record filter	8-18/62	Group interval	328/164
State	MASS.	Sample rate	4ms.	Fold coverage	36
Observer	O McDANIEL	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
✓	2000	601	1226	N/W	45, 56, 60, 58	8585	13772	4	BPM - 700
	1	3			58, 58, 58, 58	2617.38	B		HEAD - 146°
	2	5							T.B. - 0°
	3	7			14, 17, X, 18				S.O.B. - 4.8 W.T.
	4	9			18, 18, X, 18		5722		
	5	611							
	6	3							
	7	5							
	8	7							
	9	9							
✓	2010	621	1233			8680'			
	1	3				2646.34			
	2	5							
	3	7							
	4	9							
	5	631							
	6	3							
	7	5							
	8	7							
	9	9							
✓	2020	641	1239			8850'			
	1	3			T/C	2698.17			LSP# 2021 LF# 644
	2	5					13773		FSP# 2022 FF 645
	3	7					A		
	4	9							
	5	651					5723		
	6	3							
	7	5							
	8	7							
	9	9							
✓	2030	661	1247			9030'			
	1	3				2753.05			
	2	5							
	3	7							
	4	9							
	5	671							
	6	3							
	7	5							
	8	7							
	9	9							
✓	2040	681	1254			9280'			
	1	3				2829.27			
	2	5							
	3	7							
	4	9							
	5	691							
	6	3							
	7	5							
	8	7			T/C				LSP# 2049 LF# 700
	2049	699					13774		FSP# 2050 FF# 701
							B		

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OBSERVERS MARINE REPORT

digicon inc. # 511

Client	USGS	Type instrument	DFS III	Offset distance	1134'
Area	GEO. BANK	Record filter	8-18/62	Group interval	328/164
State	MASS.	Sample rate	4MS.	Fold coverage	36
Observer	~~[illegible]~~ 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
✓	2050	101	1302	N/W	46,56,60,60	9420	13774	4	RPM - 700
	1	3			58,58,57,58	2871.95	B		HEAD - 146°
	2	5							T.B - 0°
	3	7			14,17,X,18				S.O.B - 5.1 W.T.
	4	9			18,18,X,18				
	5	711							
	6	3					572A		
	7	5							
	8	7							
	9	9							
✓	2060	721	1308			9430'			
	1	3				2875			
	R19 2	5							
	3	7							
	4	9							
	5	731							
	6	3							
	7	5							
	8	7							
	9	9							
✓	2070	741	1314			9504'			
	1	3				2897.56			
	2	5							
	3	7							
	4	9							
	5	751							
	6	3							
	7	5			T/C				LSP# 2077 LF# 756
	8	7					13775		FSP# 2078 FF# 757
	9	9					A		
✓	2080	761	1321			9550'			
	1	3				2911.59			
	R20 2	5							
	3	7					573		
	4	9							
	5	771							
	6	3							
	7	5							
	8	7							
	9	9							
✓	2090	781	1329			9504'			
	1	3				2897.56			
	2	5							
	3	7							
	4	9							
	5	791							
	6	3							
	7	5							
	8	7							
	2099	799							

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OBSERVERS MARINE REPORT

digicon inc. # 511

Client	USGS	Type instrument	DFS III	Offset distance	1134'
Area	GEORGES BANK	Record filter	8/18/62	Group interval	328/164
State	MASS.	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
✓	2100.	801	1336	N/W	46,57,62,61	9590'	13775	4	RPM 700
	1.	3			58,58,58,58	2923.78	A		HEADING 146°
	R21 2.	5			14,17,X,19				TB 1° PORT
	3.	7			18,18,X,18		S425		S.O.B. 4.9 W.O
	4.	9							
✓	5	811.			T/				LSP# 2105 LF# 812
	6	3			/C		13776		FSP# 2106 FF# 813
	7	5					B		
	8	7							* RECORDING 14 SEC RECORD
	9	9							FILE# 813 * SP 2106 — ✓
✓	2110	821	1343			9590'			
	1	3				2923.78			
	2	5					S426		
	3	7							
	4	9							
	5	831							
	6	3							
	7	5							
	8	7							
	9	9							
✓	2120	841	1350			9671'			
	1	3				2948.48			
	R22 2	5							
	3	7							
	4	9							
	5	851							
	6	3							
	7	5							
	8	7							
	9	9			T/				LSP# 2129 LF# 860
✓	2130	861	1357		/C	9700'	13777		FSP# 2130 FF# 861
	1	3				2957.32	A		
	2	5							
	3	7					S427		
	4	9							
	5	871							
	6	3							
	7	5							
	8	7							
	9	9							
✓	2140	881	1403			9754'			
	1	3				2973.78			PICKING UP SCREW NOISE
	R23 2	5							
	3	7							
	4	9							
	5	891							
	6	3							
	7	5							
	8	7							
	2149.	899							

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OBSERVERS MARINE REPORT

digicon inc. # 511

Client	USGS	Type instrument	DFS-III	Offset distance	1134'
Area	GEORGES BANK	Record filter	8/18/62	Group interval	328/164
State	MASS.	Sample rate	4 MS	Fold coverage	36
Observer	McDANIEL	gun depth	30'	in.³ of guns	1200

Pre-Plot	Shotpoint	File No.	Time	#Idir.	Cable Depth	W.D.	Reel No.	Line No.	Remarks
✓	2150	901	1410	NW	46,52,63,61	9760'	13777	4	RPM 700
	1	3			57,58,58,60	2973.61	A		HEADING 146°
	2	5					5777		T.B. 0°
	3	7			T/				S.O.B. 4.9 W.T.
	4	9			/C		13778		LSP# 2153 LF# 908
	5	911			14,17,X,19		B		FSP# 2154 FF# 909
	6	3			17,18,X,18				
	7	5							
	8	7					5778		
	9	9							
✓	2160	921	1417			9840'			
	1	3				3000			
	D24 2	5							
	3	7							
	4	9							
	5	931							
	6	3							PICKING UP SCREW NOISE
	7	5							
	8	7							
	9	9							
✓	2170	941	1423			9800'			
	1	3				2987.80			
	2	5							
	3	7							
	4	9							
	5	951							
	6	3							
	7	5			T/				LSP# 2177 LF# 956
	8	7			/C		13779		FSP# 2178 FF# 957
	9	9					A		
✓	2180	961	1430			9940'			
	1	3				3030.49			
	D25 2	5							
	3	7					5779		
	4	9							
	5	971							
	6	3							
	7	5							
	8	7							
	9	9							
✓	2190	981	1437			10,006'			
	1	3				3048.78			
	2	5							
	3	7							
	4	9							
	5	991							SONO BUOY OVER ~~SIDE~~ BOARD
	6	3							SP# 2195 ?
	7	5							
	8	7							
	2199	9							

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OBSERVERS MARINE REPORT

digicon inc. # 511

Client	USGS	Type instrument	DFS III	Offset distance	1134'
Area	GEORGES BANK	Record filter	8/18/62	Group interval	328/164
State	MASS.	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
✓	2200	001	1443	NW	46,57,62,66	10,083	13779	4	RPM 700/675
	1	3			58,55,58,58	3074.09	A		HEADING 140°
	226 2	5			14,17,X,18		5729		T.B. 1° PORT
	3	7			18,17,X,18				S.O.B. 4.4 W.T
	4	9			T/C				LSP # 2201 LF# 004
	5	011					13780		FSP # 2202 FF# 006
	6	3					B		
	7	5							MISSED #005 DUE TO
	8	7					5730		TAPE CHANGE ✓
	9	9							
✓	2210	021	1450			10,167'			
	1	3				3099.70			
	2	5							
	3	7							
	4	9							
	5	031							SONO Buoy N.G. ?
	6	3							
	7	5							
	8	7							
	9	9							
✓	2220	041	1455			10,205'			
	1	3				3111.28			
	227 2	5							
	3	7							
	4	9							
	5	051							
	6	3			T/C				LSP # 2226 LF# 054
	7	5					13781		FSP # 2227 FF# 055
	8	7					A		
	9	9							
✓	2230	061	1501			10,250'			
	1	3				3125			
	2	5					5731		
	3	7							
	4	9							
	5	071							
	6	3							
	7	5							
	8	7							
	9	9							
✓	2240	081	1508			10,300'			
	1	3				3140.24			
	228 2	5							
	3	7							
	4	9							
	5	091							
	6	3							
	7	5							
	8	7							
	2249	9							

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OBSERVERS MARINE REPORT

digicon inc. # 511

Client	USGS	Type instrument	DFS III	Offset distance	1134'
Area	GEORGES BANK	Record filter	8/18/62	Group interval	328/164
State	MASS.	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
✓	2250	101	1515	NW	45,57,61,60	10,417'	13788	4	RPM 700/625
	1	3			58,58,58,60	3175.91	A		HEADING 143°
	2	5			14,17,X,18				T.B. 1° STB.
	3	7			18,18,X,18		571		S.O.B. 4.9 W.T
	4	9			T/C				LSP# 2250 LF# 102
	5	111					13782		FSP# 2251 FF# 103
	6	3					B		
	7	5							
	8	7							
	9	9							
✓	2260	121	1521			10,417'			
	1	3				3175.91			
	R29 2	5							
	3	7					572		
	4	9							
	5	131							
	6	3							
	7	5							
	8	7							
	9	9							
✓	2270	141	1528			10,417'			
	1	3				3175.91			
	2	5							
	3	7							
	4	9			T/C				LSP# 2274 LF# 150
	5	151					13783		FSP# 2275 FF# 151
	6	3					A		
	7	5							
	8	7							
	9	9							
✓	2280	161	1534			10,501'			
	1	3				3201.52			
	R30 2	5					573		
	3	7							
	4	9							
	5	171							
	6	3							
	7	5							
	8	7							
	9	9							
✓	2290	181	1541			10,530'			
	1	3				3210.37			
	2	5							
	3	7							
	4	9							
	5	191							
	6	3							
	7	5							
	8	7			T/C				LSP # 2298 LF # 198
	2299	9					13784 B		FSP # 2299 FF# 199

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digicon inc. # 511

Client	U.S.G.S	Type instrument	DFS III	Offset distance	1134'
Area	GEORGES BANK	Record filter	9/18/62	Group interval	328/164
State	MASS	Sample rate	4 ms	Fold coverage	36
Observer	McDANIEL	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
✓	2300	201	1546	NW	46,56,62,61	10501'	13784	4	RPM 675 PAIR
	1	3			57,57,57,62	3201.52	B		HEADING 140°
	R40 2	5			14,17,X,19				T.B 0°
	3	7			17,17,X,19				S.O.B. 4.5 W.T.
	4	9							
	5	211							
	6	3					5134		
	7	5							
	8	7							
	9	9							
✓	2310	221	1553			10584'			
	1	3				3226.93			
	2	5							
	3	7							
	4	9							
	5	231							
	6	3							
	7	5							
	8	7							
	9	9							
✓	2320	241	1559			10668'			
	1	3				3252.44			
	R41 2	5			T/C				LSP # 2322 LF # 246
	3	7					13785		FSP # 2323 FF # 247
	4	9					A		
	5	251							
	6	3							
	7	5							
	8	7					5135		
	9	9							
✓	2330	261	1606			10835			
	1	3				3303.35			
	2	5							
	3	7							
	4	9							
	5	271							
	6	3							
	7	5							
	8	7							
	9	9							
✓	2340	281	1612			10835'			Stop Line
	1	3				3303.35			
	2	5							
	3	7							
	4	9							
	5	291							
	6	3			T/C				LSP # 2346 LF # 294
	7	5					13786		FSP # 2347 FF # 295
	8	7					B		
	2349	9							

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OBSERVERS MARINE REPORT

digicon inc. # 511

Client	USGS	Type instrument	DFS III	Offset distance	1134' 346 M
Area	GEORGES BANK	Record filter	8/18/62	Group interval	328/164
State	MASS	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
✓	2350	301	1619	N/W	46,57,63,62	10,860'	13786	4	RPM 675
	1	3			57,57,58,62	3310.98	B		HEADING 138
	2	5			14,17,X,19				T.B. 0°
	3	7			17,17,X,19				S.O.B. 5.0 W.T.
	4	9							
	5	311					936		
	6	3							
	7	5							
	8	7							
	9	9							
✓	2360	321	1625			10,918'			
	1	3				3328.66			
	2	5							
	3	7							
	4	9							
	5	331							
	6	3							
	7	5							
	8	7							
	9	9							
✓	2370	341	1632		T/C	11,002	13786		LAST FILE - 342 SP 2370
	1	3				3354.27	13787 "A"		FIRST FILE - 343 SP 2371
	2	5							
	3	7							
	4	9							
	5	351							
	6	3					937		
	7	5							
	8	7							
	9	9							
✓	2380	361	1638			11085'			
	1	3				3379.57			
	2	5							
	3	7							
	4	9							
	5	371							
	6	3							
	7	5							
	8	7							
	9	9							
✓	2390	381	1645			11085			
	1	3				3379.57			
	2	5							
	3	7							
	4	9			T/C		13787		LAST FILE 390 SP 2394
	5	391					13788		FIRST FILE 391 SP 2395
	6	3							
	7	5					938		
	8	7							
	2399	9							

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OBSERVERS MARINE REPORT

digicon inc. # 511

Client	USGS	Type instrument	DFS III	Offset distance	1134'
Area	GEORGES BANK	Record filter	8/18/62	Group interval	328/164
State	MASS.	Sample rate	4 ms	Fold coverage	36
Observer	McDANIEL	gun depth	30'	in.^{3} of guns	1700 ^{3}IN

Pre-Plot	Shotpoint	File No.	Time	#Idir.	Cable Depth	W.D.	Reel No.	Line No.	Remarks
✓	2400	401	1651	NW	48, 57, 62, 60	11252	13788	4	RPM 675 Pr.
	1	3			57, 59, 59, 59	3430.49	484		HEADING 134°
	2	5			15, 17, X, 18				T.B. 0°
	3	7			17, 18, X, 18				S.O.B. 5.4 (W.T.)
	4	9							
	5	411							
	6	3					5738		
	7	5							
	8	7							
	9	9							
✓	2410	421	1658			11252			~~[illegible]~~ DECREASE SPEED
	1	3				3430.49			25 RPM - 650 - 675 -
	2	5							
	3	7							
	4	9							
	5	431							
	6	3							
	7	5							
	8	7			T/C		13788		LAST 438 Sp 2418
	9	9					13789		FIRST 439 Sp 2419
✓	2420	441	1704			11252			
	1	3				3430.49			
	2	5							
	3	7					5739		
	4	9							Picking up Sonic
	5	451							Screw Noise
	6	3							
	7	5							
	8	7							
	9	9							
✓	2430	461	1710			11363			
	1	3				3464.33			
	2	5							
	3	7							
	4	9							
	5	471							
	6	3							
	7	5							
	8	7							
	9	9							
✓	2440	481	1717			11,419			
	1	3				3481.40			
	2	5			T/C		13789		LAST FILE 486 Sp 2442
	3	7					13790		FIRST FILE 487 Sp 2443
	4	9							
	5	491					5740		
	6	3							
	7	5							
	8	7							
	2449	9							

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OBSERVERS MARINE REPORT

digicon inc. # 511

Client	USGS	Type instrument	DFS III	Offset distance	1134'
Area	GEORGES BANK	Record filter	8/18/62	Group interval	328/164
State	MASS	Sample rate	4 MS	Fold coverage	36
Observer	Mc DANIEL	gun depth	30'	in.^{3} of guns	1700 ^{3}IN

Pre-Plot	Shotpoint	File No.	Time	#Idir.	Cable Depth	W.D.	Reel No.	Line No.	Remarks
✓	2450	501	1724	NW	50,58,63,61	11,419	13790	4	RPM 675-675
	1	3			58,58,60,60	3481.40	"B"		HEADING 131°
	2	5			15,17,x,18				T.B. N.V.
	3	7			17,17,x,18				S.O.P 4.5
	4	9							
	5	511							
	6	3					5790		INCREASE SPEED 50 RPM-
	7	5							700 RPM. PR-
	8	7							
	9	9							
✓	2460.	521	1732			11450			
	1	3				3490.85			
	2	5							
	3	7							
	4	9							
	5	531							
	6	3			T/C		13790		LAST FILE - 534 SP 2466
	7	5					13791		FIRST FILE - 535 SP 2467
	8	7					"A"		
	9	9							
✓	2470	541	1738			11503'			
	1	3				35 07.01			
	2	5							DECREASE SPEED 25 RPM-
	3	7							700 - 675 RPM-
	4	9							
	5	551							DECREASE SPEED 25 RPM-
	6	3							675 - 675 RPM-
	7	5							
	8	7							
	9	9							
✓	2480	561	1745			11550			
	1	3				3521.34			
	2	5							
	3	7							
	4	9							
	5	571							
	6	3							
	7	5							
	8	7							
	9	9							
✓	2490.	581	1751		T/C	11586	13791		LSP# 2490 LF 582
	1	3				3532.32	13792		FSP# 2491 FF 583
	2	5					"B"		
	3	7							
	4	9							
	5	591							
	6	3							
	7	5							
	8	7							
	2499	9							

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OBSERVERS MARINE REPORT

digicon inc. # 511

Client	USGS	Type instrument	DFS-III	Offset distance	1134'
Area	Georges Bank	Record filter	8-18-62	Group interval	328/164
State	Mass.	Sample rate	4 MS.	Fold coverage	36
Observer	McDaniel	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
✓	2500	601	1756	N/W	50, 58, 63, 61	11620	13792	4	RPM. 625
	1	3			58, 58, 60, 60	3557.93	"B"		HEADING. 134°
	2	5			15, 17, X, 18	(STOP)			TIDE N.V.
	3	7			17, 17, X, 18				SOB. 5.0 W.T.
	4	9							
	5	611					5770		
	6	3							
	7	5							
	8	7							
	9	9							
✓	2510	621	1802			11753			
	1	3				3583.23			
	2	5							
	3	7							
	4	9			T/C				LSP # 2514 LF 630
	5	631					13793		FSP # 2515 FF 631
	6	3					"A"		
	7	5							
	8	7							
	9	9							
✓	2520	641	1807			11753			
	1	3				3583.23	5773		
	2	5							
	3	7							
	4	9							
	5	651							
	6	3							
	7	5							
	8	7							
	9	9							
✓	2530	661	1813			11837			
	1	3				3608.81			
	2	5							
	3	7							
	4	9							
	5	671							
	6	3							
	7	5							
	8	7			T/C				LSP # 2538 LF # 678
	9	9					13794		FSP # 2539 FF # 679
✓	2540	681	1820			11900	"B"		
	1	3				3628.05			
	2	5							
	3	7					5740		
	4	9							
	5	691							
	6	3							
	7	5							
	8	7							
	2549	699							

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OBSERVERS MARINE REPORT

digicon inc. # 511

Client	U.S.G.S	Type instrument	DFS-III	Offset distance	1134'
Area	Georges Bank	Record filter	8-18-62	Group interval	328/164'
State	Mass.	Sample rate	4 ms.	Fold coverage	36
Observer	McDaniel	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
✓	2550	701	1828	N/W	50, 58, 64, 61	11920'	13794	4	RPM- 625
	1	3			58, 58, 60, 62	3634.15	"B"		HEADING- 133°
	2	5							TB- N.U.
	3	7							SOB- 4.7 W.T.
	4	9							
	5	711					57A0		
	6	3							
	7	5							
	8	7							
	9	9							
✓	2560	721	1834			11920'			
	1	3				3634.15			REDUCE RPM TO 600 PAR
.36	2	5			T/C				SHOOTING 1200 in³
	3	7					13795		
	4	9					"A"		LSP# 2562 LF# 726
	5	731							FSP# 2563 FF# 727
	6	3							
	7	5							
	8	7					57A		
	9	9							
✓	2570	741	1842			12004'			
	1	3				3659.76			
	2	5							
	3	7							
	4	9							(1700³ in Back on
	5	751							Line Compressor OK)
	6	3							INCREASE SPEED TO 625 RPM
	7	5							
	8	7							
	9	9							
✓	2580	761	1850			12004'			
	1	3				3659.76			
	2	5							
	3	7							
	4	9							
	5	771							
55	6	3			T/C		13795		LSP # 2586 LF# 774
	7	5					13796		FSP # 2587 FF# 775
	8	7					"B"		
	9	9							
✓	2590	781	1856			12087'			
	1	3				3685.06			
	2	5					57A		
	3	7							
	4	9							
	5	791							
	6	3							
	7	5							
	8	7							
	2599	799							

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OBSERVERS MARINE REPORT

digicon inc. # 511

Client	USGS	Type instrument	DFS-III	Offset distance	1134'
Area	GEORGES BANK	Record filter	8/18/62	Group interval	328/164
State	MASS.	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
✓	2600	801	1903	NW	50,58,63,62	12171	13796	4	RPM 625
	1	3			57,58,60,62	3710.67	"B"		HEADING 135°
	2	5							T.B. N.U.
	3	7							S.O.B. 4,4 W.T.
	4	9					5741		
	5	811							
	6	3							
	7	5							
	8	7							
	9	9							
✓	2610	821	1907		T/C	12171			LSP # 2610 LF# 822
	1	3				3710.67	13797		FSP # 2611 FF# 823
	2	5					"A"		
	3	7							
	4	9							
	5	831							
	6	3					5742		
	7	5							
	8	7							
	9	9							
✓	2620	841	1914			12254'			
	1	3				3735.98			
	2	5							
	3	7							
	4	9							
	5	851							
	6	3							
	7	5							
	8	7							
	9	9							
✓	2630	861	1921			12254'			
	1	3				3735.98			
	2	5							
	3	7							
25	4	9			T/C		13797		LSP# 2634 LF# 870
	5	871					13798		FSP# 2635 FF 871
	6	3					"B"		
	7	5							
	8	7							
	9	9					5743		
✓	2640	881	1929			12300'			
	1	3				3750			
	2	5							
	3	7							
	4	9							
	5	891							
	6	3							
	7	5							
	8	7							
	2649	1							

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OBSERVERS MARINE REPORT

digicon inc. # 511

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

Pre-Plot	Shotpoint	File No.	Time	#1dir.	Cable Depth	W.D.	Reel No.	Line No.	Remarks
✓	2650	901	1936	NW	49, 58, 64, 63	12338'	13798	4	RPM 625
	1	3			58, 59, 61, 62	3761.59	"B"		HEADING 137°
	2	5							T.B. N.V.
	3	7							S.O.B. 4.4 W.T.
	4	9					5A7		
	5	911							
	6	3							
	7	5							
	8	7			T/C				LSP# 2658 LF # 918
	9	9					13799		FSP# 2659 FF # 919
✓	2660	921	19:44			12338	"A"		
	1	3				3766.59			
	2	5							
	3	7							
	4	9							
	5	931							
	6	3							
	7	5					5A4		
	8	7							
	9	9							
✓	2670	941	19:51			12421'			
	1	3				3786.87			
	2	5							
	3	7							
	4	9							
	5	951							
	6	3							
	7	5							
	8	7							
	9	9							
✓	2680	961	1957			12450'			
	1	3				3795.73			
	2	5			T/C				LSP# 2682 LF# 966
	3	7					13900		FSP# 2683 FF# 967
	4	9					"B"		
	5	971							
	6	3							SONO BUOY OVERBOARD
	7	5							SP-2685?
	8	7					5A5		
	9	9							
✓	2690	981	20:04			12480			
	1	3				3804.88			
	2	5							
	3	7							
	4	9							
	5	991							
	6	3							
	7	5							
	8	7							
	2699	9							

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OBSERVERS MARINE REPORT

digicon inc. # 511

Client	USGS	Type instrument	DFS III	Offset distance	1134'
Area	GEORGES BANK	Record filter	8/18/62	Group interval	328/164
State	MASS.	Sample rate	4 MS	Fold coverage	36
Observer	MC DANIEL	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
✓	2700	001	20:12	NW	50, 57, 64, 62	12500'	13800	4	RPM 625
	1	3			58, 60, 62, 63	3810.98	"B"		HEADING 140°
	2	5							T.B. N.V.
	3	7							S.O.B. 4.3 W.T
	4	9					5AB		
	5	011							
	6	3			T/C				LSP# 2706 LF# 014
	7	5					13801		FSP# 2707 FF# 015
	8	7					"A"		
	9	9							
✓	2710	021	20:19			12583'			
	1	3				3836.28			
	2	5							Note!!
	3	7					5AB		(INITIAL GUN TOO HIGH
	4	9							UNABLE TO TURN DOWN
	5	031							DUE TO LOST OF DATA
	6	3							WATER DEPTH OVER 5 SEC.) ✓
	7	5							
	8	7							
	9	9							
✓	2720	041	20:26			12583'			
	1	3				3836.28			
	2	5							
	3	7							
	4	9							
	5	051							SHOOTING 1680 IN^3
	6	3							
	7	5							
	8	7							
	9	9							
✓	2730	061	20:33		T/C	12667'	13801		LSP# 2730 LF# 062
	1	3				3861.89	13802		FSP# 2731 FF# 063
	2	5					"B"		
	3	7							
	4	9							
	5	071					5AB		
	6	3							
	7	5							
	8	7							
	9	9							
✓	2740	081	2041			12750'			
	1	3				3887.20			
	2	5							
	3	7							
	4	9							
	5	091							
	6	3							
	7	5							
	8	7							
	2749	9							

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OBSERVERS MARINE REPORT

digicon inc. # 511

Client	USGS	Type instrument	DFS-III	Offset distance	1134'
Area	GEORGES BANK	Record filter	8/18/62	Group interval	328/164
State	MASS.	Sample rate	4 ms	Fold coverage	36
Observer	McDANIEL	gun depth	30'	in.^{3} of guns	1680

Pre-Plot	Shotpoint	File No.	Time	#Idir.	Cable Depth	W.D.	Reel No.	Line No.	Remarks	
✓	2750	101	2049	NW	52,58,64,63	12750'	13802	4	RPM	625
	1	3			58,60,62,64	3887.20	"B"		HEADING	139°
	2	5							T.B.	N.U.
	3	7					SAA		S.O.B.	4.5 W.T.
	4	9			T/				LSP # 2754	LF # 110
	5	111			/C		13803		FSP # 2755	FF # 111
	6	3					"A"			
	7	5								
	8	7								
	9	9								
✓	2760	121	20:55			12860'				
	1	3				3920.73				
	2	5								
	3	7								
	4	9					SAA			
	5	131								
	6	3								
	7	5								
	8	7								
	9	9								
✓	2770	141	21:02			12900'				
	1	3				3932.93				
	2	5								
	3	7								
	4	9								
	5	151								
	6	3								
	7	5								
	8	7			T/		13803		LSP # 2778	LF # 158
	9	9			/C		13804		FSP # 2779	FF # 159
✓	2780	161	2100			13001	"B"			
	1	3				3963.72				
	2	5								
	3	7					SAA			
	4	9								
	5	171								
	6	3								
	7	5								
	8	7								
	9	9								
✓	2790	181	2118			13001'				
	1	3				3963.72				
	2	5								
	3	7								
	4	9								
	5	191								
	6	3								
	7	5								
	8	7								
	2799	9								

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OBSERVERS MARINE REPORT

digicon inc. # 511

Client	USGS	Type instrument	DFS - III	Offset distance	1134'
Area	GEORGES BANK	Record filter	8/18/62	Group interval	328/164
State	MASS.	Sample rate	4 ms	Fold coverage	36
Observer	McDANIEL	gun depth	30'	in.^{3} of guns	1680

Pre-Plot	Shotpoint	File No.	Time	#Idir.	Cable Depth	W.D.	Reel No.	Line No.	Remarks	
✓	2800	201	21:26	N/W	52, 58, 65, 63	13001'	13804	4	RPM	625
	1	3			59, 60, 61, 63	3963.72	"B"		HEADING	137°
	2	5							T.B.	N.V.
	3	7					5749		S.O.B.	46 W.T.
	4	9								
	5	211			T/C				LSP # 2802	LF # 206
	6	3					13805		FSP # 2803	FF # 207
	7	5					"A"			
	8	7								
	9	9								
✓	2810	221	21:32			13030'	5750			
	1	3				3972.56				
	2	5								
	3	7								
	4	9								
	5	231								
	6	3								
	7	5								
	8	7								
	9	9								
✓	2820	241	21:40			13084'				
	1	3				3989.02				
	2	5								
	3	7								
	4	9								
	5	251								
	6	3			T/C				LSP # 2826	LF # 254
	7	5					13806		FSP # 2827	FF # 255
	8	7					"B"			
	9	9								
✓	2830	261	2147			13168'				
	1	3				4014.63				
	2	5					5751			
	3	7								
	4	9							PICKING UP SCREW NOISE	
	5	271								
	6	3								
	7	5								
	8	7								
	9	9								
✓	2840	281	2155			13168'				
	1	3				4014.63				
	2	5								
	3	7								
	4	9								
	5	291								
	6	3								
	7	5								
	8	7								
	2849	9								

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OBSERVERS MARINE REPORT

digicon inc. # 511

Client	USGS	Type instrument	DFS-III	Offset distance	1134'
Area	GEORGES BANKS	Record filter	8/18/62	Group interval	328/164
State	MASS.	Sample rate	4 MS	Fold coverage	36
Observer	McDANIEL	gun depth	30'	in.^{3} of guns	1680

Pre-Plot	Shotpoint	File No.	Time	#1dir.	Cable Depth	W.D.	Reel No.	Line No.	Remarks
✓	2850	301	2203	NW	45, 57, 64, 62	13168	13806	4	RPM 625
	1	3			57, 58, 62, 63	4014.63	"B"		HEADING 144°
	2	5							T.B N.V.
	3	7							S.O.B. 4.6 W.T.
	4	9					5951		
	5	311			T/C				LSP# 2850 LF# 302
	6	3					13807		FSP# 2851 FF# 303
	7	5					"A"		
	8	7							
	9	9							
✓	2860	321	2210			13251	5952		
	1	3				4039.94			
	2	5							
	3	7							
	4	9							
	5	331							
	6	3							
	7	5							
	8	7							
	9	9							
✓	2870	341	22:17			13251			
	1	3				4039.94			
	2	5							
	3	7							
	4	9			T/C		13807		LSP# 2874 LF# 350
	5	351					13808		FSP# 2875 FF# 351
	6	3					"B"		
	7	5							
	8	7					5753		
	9	9							
✓	2880	361	22:24			13418			
	1	3				4090.85			
	2	5							
	3	7							
	4	9							
	5	371							Ship Crossing over
	6	3							Cable Picking up screw
	7	5							Noise
	8	7							Increase 50 RPM to
	9	9							650 Pair
✓	2890	381	2231			13335			
	1	3				4065.55			
	2	5							
	3	7							
	4	9							
	5	391							
	6	3							
	7	5							
	8	7			T/C				LSP# 2898 LF# 398
	2899	9					13809		FSP# 2899 FF# 399

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OBSERVERS MARINE REPORT

digicon inc. # 511

Client	USGS	Type instrument	DFS-III	Offset distance	1134'
Area	GEORGES BANK	Record filter	8/18/62	Group interval	328/164
State	MASS.	Sample rate	4 MS	Fold coverage	36
Observer	McDANIEL	gun depth	30'	in.^{3} of guns	1680

Pre-Plot	Shotpoint	File No.	Time	#Idir.	Cable Depth	W.D.	Reel No.	Line No.	Remarks
✓	2900	401	2239	NW	46,51,64,63	13418'	13809	4	RPM 650/625
	1	3			57,58,60.62	4090.85	"A"		HEADING 140°
	2	5							T.B N.V.
	3	7							S.O.B. 4.2 W.T.
	4	9							
	5	411							
	6	3							
	7	5							
	8	7					5754		
	9	9							
✓	2910.	421	2246			13503'			
	1	3				13502			
	2	5				4116.46			
	3	7							
	4	9							
	5	431							
	6	3							
	7	5							
	8	7							
	9	9							
✓	2920	441	2254			13502'			
	1	3				4116.46			
	2	5			T/C		13809		LSP# 2922 LF# 446
	3	7					13810		FSP# 2923 FF# 447
	4	9					"B"		
	5	451							
	6	3							STILL PICKING up SCREW
	7	5					5755		NOISE
	8	7							
	9	9							
✓	2930	461	2300			13590'			
	1	3				4143.29			
	2	5							
	3	7							
	4	9							
	5	471							
	6	3							
	7	5							
	8	7							
	9	9							
✓	2940.	481	23:07			13700'			
	1	3				4176.83			
	2	5							
	3	7							
	4	9							
	5	491							
	6	3					13810		LSP# 2946 LF# 494
	7.	5					13811		FSP# 2947 FF# 495
	8	7					"A"		
	2949.	9							

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OBSERVERS MARINE REPORT

digicon inc. # 511

Client	USGS	Type instrument	DFS-III	Offset distance	1134'
Area	GEORGES BANK	Record filter	8/18/62	Group interval	328/164
State	MASS.	Sample rate	4 ms	Fold coverage	36
Observer	McDANIEL	gun depth	30'	in.^{3} of guns	1680

Pre-Plot	Shotpoint	File No.	Time	#Idir.	Cable Depth	W.D.	Reel No.	Line No.	Remarks
✓	2950.	501	2314	N/W	45,56,60 61	13752'	13811	4	RPM 650/625
	1	3			57,58,58,58	4192.68	"A"		HEADING 143°
	2	5							T.B. N.V.
	3	7							S.O.B. 4.2 W.T.
	4	9							
	5	511							
	6	3					9 54		
	7	5							
	8	7							
	9	9							
✓	2960.	521	2321			13800'			
	1	3				4207.32			
	2	5							
	3	7							
	4	9							
	5	531							
	6	3							
	7	5							
	8	7							
	9	9							
✓	2970	541	2328		T/C	13836'	13811		LSP# 2970 LF# 542
	1	3				4218.29	13812		FSP# 2971 FF# 543
	2	5					"B"		
	3	7							
	4	9					575		
	5	551							
	6	3							
	7	5							
	8	7							
	9	9							
✓	2980.	561	23:35			13836'			
	1	3				4218.29			
	2	5							
	3	7							
	4	9							
	5	571							
	6	3							
	7	5							
	8	7							
	9	9							
✓	2990	581	2342			13919'			
	1	3				4243.60			
	2	5							
	3	7							
	4	9			T/C		13812		LSP# 2994 LF# 590
	5	591					13813		FSP# 2995 FF# 591
	6	3					"A"		
	7	5							
	8	7					575		
	2999	9							

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OBSERVERS MARINE REPORT

digicon inc. # 511

Client	USGS	Type instrument	DFS-III	Offset distance	1134'
Area	GEORGES BANKS	Record filter	8/18/62	Group interval	328/164
State	MASS.	Sample rate	4 ms	Fold coverage	36
Observer	McDANIEL	gun depth	30'	in.^{3} of guns	1680

Pre-Plot	Shotpoint	File No.	Time	#Idir.	Cable Depth	W.D.	Reel No.	Line No.	Remarks
✓	3000	601	23:48	NW	45, 52, 58, 60	13930'	13813	4	RPM
	1	3			57, 57, 58, 60	4246.95	A		HEADING
	2	5							T.B.
	3	7							S.O.B.
	4	9							
	5	611							FILE #601 - PARTY
	6	3							
	7	5					5		
	8	7							
	9	9							
✓	3010	621	2357			14063'			SHOOTING 1600
	1	3				4269.21			
	2	5							
	3	7							
	4	9							LSP 3014
	~~5~~	~~631~~		END OF DAY					
	~~6~~	~~3~~							
	~~7~~	~~5~~							
	~~8~~	~~7~~							
	~~9~~	~~9~~							
	~~3020~~	~~641~~							

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M/V Gulf Seal

Type Coverage 36 Fold

Shot Point Spacing 328'

digicon inc.
HOUSTON, TEXAS

MARINE LOG

Date 10 Sept 74

Area U.S.G.S. Georges Bank

Party No. 511 2-248

TIME	LINE	SHOT POINTS	DIR	TOTAL SHOT POINTS	MILES	OTHER TIMES: TRAVEL	LINE CHANGE	DOWN	SURV.	Chargeable TIME	REMARKS
03:56 / 00:01	4	3358 / 3015	S/E	344	21.37						Line #4 Complete
05:30											Cable in Enroute
											Line #5 S/E end
											Weather Good
											Working on
											Equipment Enroute
				344	21.37						TOTALS

TOTAL MEN 26

TOTAL MEALS 78

ACC. MILES PROSPECT 202.36

ACC. MILES FOR MONTH 248.94

PARTY MANAGER

522-10-68

OBSERVERS MARINE REPORT

digicon inc. # 511

Client	USGS	Type instrument	DFS III	Offset distance	1134
Area	GEORGES BANK	Record filter	8/18/62	Group interval	328/164
State	MASS.	Sample rate	4 MS	Fold coverage	36
Observer	HINES	gun depth	30'	in.^{3} of guns	1600

Pre-Plot	Shotpoint	File No.	Time	#Idir.	Cable Depth	W.D.	Reel No.	Line No.	Remarks
	3015	631		N/W	45,53,57,58		13813	4	RPM - 650-675
	6	3			54,56,53,57		A		HEADING - 142°
	7	5				5758			T.B. - 2° PORT
	8	7							S.O.B. -
	9	9							
✓	3020	641	0004			14030'			LSP# 3018 LF# 638
	1	3				4277.44	13814		FSP# 3019 FF# 639
	2	5					B		
	3	7							
	4	9							
	5	651							
	6	3							
	7	5					5759		
	8	7							
	9	9							
✓	3030	661	0010			14,090			
	1	3				4295.73			
	2	5							
	3	7							
	4	9							
	5	671							
	6	3							
	7	5							
	8	7							
	9	9							
✓	3040	681	0012			14,120			
	1	3				4304.88			
	2	5			T/		13814		LF- 686 LSP- 3042
	3	7			/G		13815		FF- 687 FSP- 3043
	4	9					A		
	5	691							
	6	3							
	7	5					5760		
	8	7							
	9	9							
✓	3050	701	0023			14,160			
	1	3				4317.07			
	2	5							
	3	7							
	4	9							
	5	711							
	6	3							
	7	5							
	8	7							
	9	9							
✓	3060	721	0029			14,170			
	1	3				4320.12			
	2	5							
	3	7							
	4	9							

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OBSERVERS MARINE REPORT

digicon inc. # 511

Client	USGS	Type instrument	DFS III	Offset distance	1134'
Area	GEO. BANK	Record filter	8-18/62	Group interval	328/164
State	MASS.	Sample rate	4ms.	Fold coverage	36
Observer	HINES	gun depth	30'	in.³ of guns	1600

Pre-Plot	Shotpoint	File No.	Time	#Idir.	Cable Depth	W.D.	Reel No.	Line No.	Remarks
	3065	731		N/W	46,52,57,60		13815	4	RPM - 650-675
	6	3			54,55,56,55	T/	A		HEAD - 140°
	7	5				/C	13816		T.B. - 3° PORT
	8	7					B		S.O.B. - 4.8 (W.T.)
	9	9							
✓	3070	741	0037			14,190			LF-734 LSP-3066
	1	3				4326.27			FF-735 FSP-3067
	2	5							
	3	7					5761		
	4	9							
	5	751							
	6	3							
	7	5							
	8	7							
	9	9							
	3080	761	0044			14,190			
	1	3				4326.27			
	2	5							
	3	7							
	4	9							
	5	771							
	6	3							
	7	5							
	8	7							
	9	9							
✓	3090	781	0052		T/	14,290	13816		LF-782 LSP-3090
	1	3			/C	4338.41	13817		FF-783 FSP-3091
	2	5					A		
	3	7							
	4	9							
	5	791					5762		
	6	3							
	7	5							
	8	7							
	9	9							
✓	3100	801	0058			14,253			
	1	3				4345.43			
	2	5							
	3	7							
	4	9							
	5	811							
	6	3							
	7	5							
	8	7							SLOW TO 650 ON
	9	9							A PAIR.
✓	3110	821	0104			14,290			
	1	3				4356.71			
	2	5							
	3	7							
	3114	829			T/		13817		LF-830 LSP-3114
					/C		13818 B		

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OBSERVERS MARINE REPORT

digicon inc. # 511

Client	USGS	Type instrument	DFS III	Offset distance	1134
Area	GEORGES BANK	Record filter	8-18/62	Group interval	328/164
State	MASS.	Sample rate	4ms.	Fold coverage	36
Observer	HINES	gun depth	30'	in.³ of guns	1600

Pre-Plot	Shotpoint	File No.	Time	#1 dir.	Cable Depth	W.D.	Reel No.	Line No.	Remarks
	3115	831		N/W	T/C		13818	4	BPM - 650 PAIR
	6	3					B		HEAD - 143°
	7	5			45,54,59,60				T.B. - 0°
	8	7			54,56,55,59				S.O.B. - 4.8 (W.T.)
	9	9							
✓	3120	841	0110			14,290			
	1	3				4356.71			LF - 830 LSP - 3114
	2	5					5763		FF - 831 FSP - 3115
	3	7							
	4	9							
	5	851							
	6	3							
	7	5							
	8	7							
	9	9							
✓	3130	861	0117			14,340			
	1	3				4371.95			
	2	5							
	3	7							
	4	9							
	5	871							
	6	3							
	7	5							
	8	7	878		T/C		13818		LF - 878 LSP - 3138
	9	9					13819		FF - 879 FSP - 3139
✓	3140	881	0123			14,350	A		
	1	3				4375.00			
	2	5							
	3	7							
	4	9					5764		
	5	891							
	6	3							
	7	5							
	8	7							
	9	9							
✓	3150	901	0130			14,400			
	1	3				4390.24			
	2	5							
	3	7							
	4	9							
	5	911							
	6	3							
	7	5							
	8	7							
	9	9							
✓	3160	921	0138			14,440			
	1	3				4402.44			
	2	5			T/C		13819		LF - 926 LSP - 3162
	3	7					13820		FF - 927 FSP - 3163
	3164	929					B		

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OBSERVERS MARINE REPORT

digicon inc. # 511

Client	USGS	Type instrument	DFS III	Offset distance	1134'
Area	GEO. BANK	Record filter	8-18/62	Group interval	328/164
State	MASS.	Sample rate	4ms.	Fold coverage	36
Observer	HINES	gun depth	30'	in.^{3} of guns	1600

Pre-Plot	Shotpoint	File No.	Time	#1 dir.	Cable Depth	W.D.	Reel No.	Line No.	Remarks
	3165	931		N/W	46 54 60 59		13820	4	BPM - 650 PAIR
	6	3			54, 55, 56, 58		B		HEAD - 143
	7	5							T.B. - 0°
	8	7							S.O.B. - 4.8 (W.T)
	9	9							
✓	3170	941	0145			14450'			
	1	3				4405.49			
	2	5							
	3	7							
	4	9					5765		
	5	951							
	6	3							
	7	5							
	8	7							
	9	9							
✓	3180	961	0151			14480'			
	1	3				4414.63			
	2	5							SP # 3187 SPLIT ✓
	3	7							DUE TO TAPE CHANGE.
	4	9							
	5	971							
	6	3			T/C		13820		LF - 975 LSP - 3187
	7	5							
	8	7					13821		FF - 976 FSP - 3187
	9	9					A		
✓	3190	981	0158			14,504			
	1	3				4421.95			
	2	5							
	3	7							
	4	9					5766		
	5	991							
	6	3							
	7	5							
	8	7							
	9	9							
✓	3200	001	0204			14,520			
	1	3				4426.83			
	2	5							
	3	7							
	4	9							
	5	011							
	6	3							SP # 3212 SPLIT ✓
	7	5							DUE TO TAPE
	8	7							CHANGE. FILE # 025
	9	9							IS A SHORT FILE.
✓	3210	021	0215			14,540			
	1	3			T/C	4432.93	13821		LF - 025 LSP - 3212
	2	5							
	3	7					13822		FF - 026 FSP - 3212
	3214	029							

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OBSERVERS MARINE REPORT

digicon inc. # 511

Client	USGS	Type instrument	DFS III	Offset distance	1134'
Area	GEO. BANK	Record filter	8-18/62	Group interval	328/164
State	MASS.	Sample rate	4ms.	Fold coverage	36
Observer	HINES	gun depth	30'	in.³ of guns	1600

Pre-Plot	Shotpoint	File No.	Time	#Idir.	Cable Depth	W.D.	Reel No.	Line No.	Remarks
	3215	031		N/W	45,50,60,60		13822	4	RPM - 650 PAIR
	6	3			54,56,56,62		B		HEAD - 144°
	7	5							T.B. - 1° STB.
	8	7							S.O.B. - 4.8 (W.T.)
	9	9							
✓	3220	041	0216			14587			
	1	3				4447.26			
	2	5							
	3	7							
	4	9							
	5	051					5767		
	6	3							
	7	5							
	8	7							
	9	9							
✓	3230	061	0226			14,600			
	1	3				4451.22			
	2	5							
	3	7							
	4	9							
	5	071							
	6	3			T/		13822		LF - 074 LSP - 3236
	7	5			/C		13823		FF - 075 FSP - 3237
	8	7					A		
	9	9							
✓	3240	081	0230			14,587			
	1	3				4447.26			
	2	5							
	3	7					5768		
	4	9							
	5	091							
	6	3							
	7	5							
	8	7							
	9	9							
✓	3250	101	0238			14,600			
	1	3				4451.22			
	2	5							
	3	7							
	4	9							
	5	111							
	6	3							
	7	5							
	8	7							
	9	9							
✓	3260	121	0245		T/	14590	13823		LF - 122 LSP - 3260
	1	3			/C	4448.17	13824		FF - 123 FSP - 3261
	2	5					B		
	3	7							
	3264	129					5769		

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OBSERVERS MARINE REPORT

digicon inc. # 511

Client	USGS	Type instrument	DFS III	Offset distance	1134'
Area	GEO. BANK	Record filter	8-18/62	Group interval	328/164
State	MASS.	Sample rate	4ms.	Fold coverage	36
Observer	HINES	gun depth	30'	in.³ of guns	1600

Pre-Plot	Shotpoint	File No.	Time	#Idir.	Cable Depth	W.D.	Reel No.	Line No.	Remarks
	3265	131		N/W	45,54,58,58		13824	4	BPM - 650 PAIR
	6	3			54,55,56,59		B		HEAD - 144°
	7	5							T.B. - 1° STB
	8	7							S.O.B. - 4.4 (W.T.)
	9	9							
✓	3270	141	0253			14,590			
	1	3				4457.93			
	2	5					5769		
	3	7							
	4	9							
	5	151							
	6	3							
	7	5							
	8	7							
	9	9							
✓	3280	161	0300			14,600			
	1	3				4451.22			
	2	5							
	3	7							
	4	9			T/		13824		LF - 170 LSP - 3284
	5	171			/C		13825		FF - 171 FSP - 3285
	6	3					A		
	7	5							
	8	7							
	9	9							
✓	3290	181	0306			14,680			
	1	3				4475.61	5775		
	2	5							
	3	7							
	4	9							
	5	191							
	6	3							
	7	5							
	8	7							
	9	9							
✓	3300	201	0313			14,670			
	1	3				4472.56			
	2	5							
	3	7							
	4	9							
	5	211							
	6	3							
	7	5							
	8	7							
	9	9			T/		13825		LF - 220 LSP - 3309
✓	3310	221	0320		/C	14,680	13826		FF - 221 FSP - 3310
	1	3				4475.61	B		
	2	5							
	3	7					5776		
	3314	229							

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OBSERVERS MARINE REPORT

digicon inc. # 511

Client	USGS	Type instrument	DFS III	Offset distance	1134'
Area	GEO. BANK	Record filter	8-18/62	Group interval	328/164
State	MASS.	Sample rate	4ms.	Fold coverage	36
Observer	HINES	gun depth	30'	in.³ of guns	1600

Pre-Plot	Shotpoint	File No.	Time	#1dir.	Cable Depth	W.D.	Reel No.	Line No.	Remarks
	3315	231		N/W	45,52,56,60		13826	4	RPM - 650 PAIR
	6	3			54,56,55,58		B		HEAD - 142°
	7	5							T.B. - 0°
	8	7							S.O.B - 4.8 (W.T.)
	9	9							
✓	3320	241	0328			14,680			
	1	3				4475.61			
	2	5					5776		
	3	7							
	4	9							
	5	251							
	6	3							
	7	5							
	8	7							
	9	9							
✓	3330	261	0335			14,650			
	1	3				4466.46			
	2	5							
	3	7			T/		13826		LF - 268 LSP - 3333
	4	9			/C		13827		FF - 269 FSP - 3334
	5	271					A		
	6	3							
	7	5							
	8	7							
	9	9					5777		
✓	3340	281	0341			14,660			
	1	3				4469.51			
	2	5							
	3	7							
	4	9							
	5	291							
	6	3							
	7	5							
	8	7							
	9	9							
✓	3350	301	0349			14,690			
	1	3				4478.66			
	2	5							
	3	7							
	4	9							FILE #318 WAS ✓
	5	311							A SHORT FILE.
	6	3							
	7	5				4509.15			
✓	3358	317	0356			14,790	13827		LF - 318 LSP - 3358

END OF LINE

END OF DAY

DATE 9/10/74

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