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
	135	655		S/E	71,60,64,69		13454	5	BPM - 725 PAIR
	4	7			68,62,61,60		B		HEAD - 335°
	3	9							T.B. - N.V.
	2	661					5901		S.O.B. - 5.5
	1	3							
✓	130	5	0407			1091			
	9	7				33			
	8	9							
	7	671							
	6	3							
	5	5							
	4	7							
	3	9							
	2	681							
	1	3							
✓	120	5	0413			1041			
	9	7				32			
	8	9							
	7	691							
	6	3							
	5	5							
	4	7							
	3	9							
	2	701			T/C		13956		LF - 702 LSP - 112
	1	3					13956		FF - 703 FSP - 111
✓	110	5	0419			981	A		
	9	7				30			
	8	9					5903		
	7	711							
	6	3							
✓	5	5	0422			641	20		LF 716 LSP 105
	4	7							
	3	9			END OF LINE #5				SHALLOW WATER CAUSED US TO CUT LINE SHORT!!!
	2	721							
	101	723			END OF DAY				

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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
	165	555		S/E	T/C		13952	5	RAM - 700 PAIR
	4	7					13953		HEAD - 339°
	3	9					A		T.B. - N.V.
	2	561			70,60,64,66				S.O.B. - S.I.
	1	3			68,61,62,60		5900		
✓	160	5	0337			108'			
	9	7				33			LF - 556 LSP - 185
	8	9							FF - 557 FSP - 184
	7	571							
	6	3							
	5	5							
	4	7							
	3	9							
	2	581							
	1	3							
✓	170	5	0343			108'			
	9	7				33			
	8	9							
	7	591							INCREASE SPEED TO 7.5 ON A PAIR.
	6	3							
	5	5							
	4	7							
	3	9							
	2	601							
	1	3							
✓	160	5	0349			111'			
	9	7				34			
	8	9							
	7	611							
	6	3							
	5	5							
	4	7							
	3	9							
	2	621							
	1	3							
✓	150	5	0356			111'			
	9	7				34			
	8	9			T/C		13953		LF - 630 LSP - 148
	7	631					13954		FF - 631 FSP - 147
	6	3					B		
	5	5							
	4	7					5901		
	3	9							
	2	641							
	1	3							
✓	140	5	0401			110'			
	9	7				34			
	8	9							
	7	651							
	134	653							

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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
	235	455		S/E	70,61,66,69		13951	5	BPM - 700 PAIR
	4	7			68,61,60,60		'A'		HEAD - 339°
	3	9							T.B. - N.V.
	2	461					5894		S.O.B. - 5.1
	1	3							
✓	230	5	0310			114'			
	9	7				35			
	8	9							
	7	471							
	6	3							
	5	5							
	4	7							
	3	9							
	2	481			T/C		13951		LF - 482 LSP - 227
	1	3					13952		FF 483 FSP - 221
✓	220	5	0315			114'	B		
	9	7				35			
	8	9					5899		
	7	491							
	6	3							
	5	5							
	4	7							
	3	9							
	2	501							
	1	3							
✓	210	5	0321			108'			
	9	7				33			
	8	9							
	7	511							
	6	3							
	5	5							
	4	7							
	3	9							
	2	521							
	1	3							
✓	200	5	0327			108'			
	9	7				33			
	8	9							
	7	531							
	6	3							
	5	5							
	4	7							
	3	9							
	2	541							
	1	3							
✓	190	5	0333			108'			
	9	7				33			
	8	9							
	7	551							
	186	553							

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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 AINES gun depth 30' in.^{3} of guns 1700

Pre-Plot	Shotpoint	File No.	Time	#Idir.	Cable Depth	W.D.	Reel No.	Line No.	Remarks
	285	355		S/E	69 60, 64, 68		13950	5	RPM - 725 PAIR
	4	7			68, 62, 59, 58		3		HEAD - 337°
	3	9							T.B. - N.U.
	2	361							S.O.B. - 5.5
	1	3							
✓	280	5	0238			126' 38			
	9	7							
	8	9							
	7	371							
	6	3							
	5	5							
	4	7							
	3	9							
	2	381							
	1	3							
✓	270	5	0245			126' 38			
	9	7							
	8	9							
	7	391							NOW SHOOTING 1680 ^{3} IN.
	6	3							
	5	5							
	4	7							
	3	9				5	5697		
	2	401							
	1	3							
✓	260	5	0253			120' 37			
	9	7			T/C		13950		LF - 408 LSP - 259
	8	9					13951 A		FF - 409 FSP - 258
	7	411							
	6	3							
	5	5					5696		
	4	7							
	3	9							
	2	421							
	1	3							
✓	250	5	0259			120' 37			
	9	7							SLOW TO 700 ON A PAIR.
	8	9							
	7	431							
	6	3							
	5	5							
	4	7							
	3	9							
	2	441							
	1	3							
✓	240	5	0304			114' 35			
	9	7							
	8	9							
	7	451							
	236	453							

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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
	335	255		S/E	69,61,66,68		13948	5	RPM - 775 PAIR
	4	7			68,62,60,59		B		HEAD - 339°
	3	9							T.B. - N.U.
	2	261			T/C				S.O.B. - 5.4
	1	3							
✓	330	5	0205			126'			LF 261 LSP 332
	9	7				39			FF 262 FSP 331
	8	9							
	7	271							
	6	3							
	5	5					13949		
	4	7					A		
	3	9							
	2	281					5896		
	1	3							
✓	320	5	0211			126'			
	9	7				39			
	8	9							
	7	291							
	6	3							
	5	5							
	4	7							
	3	9							
	2	301							
	1	3							
✓	310	5	0218			132'			
	9	7				40			
	8	9							
	7	311							
	6	3							
	5	5							
	4	7							
	3	9							
	2	321							
	1	3							
✓	300	5	0224			126'			
	9	7				38			
	8	9							
	7	331							
	6	3			T/C		13949		LF - 334 LSP - 296
	5	5					13950		FF - 335 FSP - 295
	4	7					B		
	3	9							
	2	341					5897		
	1	3							
✓	290	5	0231			126'			
	9	7				38			
	8	9							
	7	351							
	286	353							

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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 1780

Pre-Plot	Shotpoint	File No.	Time	#Idir.	Cable Depth	W.D.	Reel No.	Line No.	Remarks
	385	155		S/E	68,61,63,64		13947	5	RPM - 725 PAIR
	4	7			65,60,59,57		A		HEAD - 343°
	3	9							T.B. - N.U.
	2	161					5894		S.O.B. - 5.2
	1	3							
✓	380	5	0135			1321			
	9	7				40			
	8	9							
	7	171							
	6	3							
	5	5							
	4	7							
	3	9							
	2	181							
	1	3							
✓	370	5	0141		T/	132'	13947		LF - 186 LSP - 370
	9	7			C	40	13948		FF - 187 FSP - 369
	8	9					B		
	7	191							
	6	3					5895		
	5	5							
	4	7							
	3	9							
	2	201							
	1	3							
✓	360	5	0147			132'			
	9	7				40			
	8	9							
	7	211							
	6	3							
	5	5							
	4	7							
	3	9							
	2	221							
	1	3							
✓	350	5	0153			120'			
	9	7				35			
	8	9							
	7	231							
	6	3							
	5	5							
	4	7							
	3	9							
	2	241							
	1	3							
✓	340	5	0159			120'			
	9	7				37			
	8	9							
	7	251							
	336	253							

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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
	435	055		S/E	69,59,64,67		13946	5	BPM - 725 PAIR
	4	7			68,60,59,58		B		HEAD - 347°
	3	9							T.B. - N.V.
	2	061					5893		S.O.B. - 5.2
	1	3							
✓	430	5	0105			132' 40			
	9	7							
	8	9							
	7	071							
	6	3							
	5	5							
	4	7							
	3	9							
	2	081							
	1	3							
✓	420	5	0112			132' 40			
	9	7							
	8	9							
	7	091							
	6	3							
	5	5							
	4	7							
	3	9							
	2	101							
	1	3							
✓	410	5	0118			132' 40			
	9	7							
	8	9							
	7	111			T/C		13946		LF - 112 LSP - 407
	6	3					13947		FF - 113 FSP - 406
	5	5					A		
	4	7							
	3	9							
	2	121					5894		
	1	3							
✓	400	5	0123			132' 40			
	9	7							
	8	9							
	7	131							
	6	3							
	5	5							
	4	7							
	3	9							
	2	141							
	1	3							
✓	390	5	0129			126' 38			
	9	7							
	8	9							
	7	151							
	386	153							

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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
	485	955		S/E			13943	5	RPM - 725 PAIR
	4	7			T/C		A		HEAD - 348°
	3	9			T/C		13944		T.B. - N.V.
	2	961				5891	B		S.O.B. - 5.3
	1	3			T/C		13944		
✓	480	5	0034		T/C	126'	13945		LF - 958 LSP - 484
	9	7				38	A		FF - 959 FSP - 483
	8	9			67,58,61,64				
	7	971			66,61,59,58				LF - 964 LSP - 481
	6	3					5892		FF - 965 FSP - 480
	5	5							* PARITY ON FILE #
	4	7							959, 960, 961, 962, 964?
	3	9							
	2	981							
	1	3							
✓	470	5	0040			126'			
	9	7				38			
	8	9							
	7	991							
	6	3							
	5	5							
	4	7							
	3	9							
	2	001							
	1	3							
✓	460	5	0046			126'			
	9	7				38			
	8	9							
	7	011							
	6	3							
	5	5							
	4	7							
	3	9							
	2	021							
	1	3							FILE # 037 PARITY
✓	450	5	0052			132'			FILE # 038 " ?
	9	7				40			
	8	9							
	7	031							
	6	3							
	5	5							
	4	7			T/C		13945		LF - 038 LSP - 444
	3	9			T/C		13946		FF - 039 FSP - 443
	2	041					B		
	1	3							
✓	440	5	0059			132'	5893		
	9	7				40			
	8	9							
	7	051							
	436	053							

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(3)

M/V Gulf Seal

Type Coverage 36 Fold

Shot Point Spacing 328'

digicon inc.
HOUSTON, TEXAS

MARINE LOG

Date 13 Sept 74

Area USGS. Georges Bank

Party No. 511

TIME	LINE	SHOT POINTS	DIR	TOTAL SHOT POINTS	MILES	OTHER TIMES: TRAVEL	LINE CHANGE	DOWN	SURV.	Chargeable TIME	REMARKS
04:22 / 00:01	5	535 / 105	N/W	431	26.77						Cut Short Due
											To Shallow Water.
06:00											Cable in
											Tied Loran "C"
											At Buzzards Bay
											Light — OK.
											Approx. 24 Hour
											Run To Calibrate
											For Line #6.
											May Be Able
											To Use Barnecett
											Light For Cal.
				431	26.77						TOTALS

TOTAL MEN 26

TOTAL MEALS 78

ACC. MILES PROSPECT 441.99

ACC. MILES FOR MONTH 588.57

[signature]
PARTY MANAGER

522-10-68

OBSERVERS MARINE REPORT

digicon inc. # 511

Client USGS | Type instrument DFS III | Offset distance 346m/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
	535	855		S/E	68,58,64,66		13942	5	RPM 725
	4	7			64,60,54,57		"B"		HEADING 348°
	3	9							T.B N.U.
	2	861					5884		S.O.B 5.1
	1	3							
	530	5	0004			132'			
	9	7				40			PICKING UP SLIGHT
	8	9							SCREW NOISE.
	7	871							
	6	3							
	5	5							
	4	7							
	3	9							
	2	881							
	1	3			T/C		13942		LF-884 LSP-521
✓	520	5	0010			132'	13943		FF-885 FSP-520
	9	7				40	A		
	8	9							
	7	891					5890		
	6	3							
	5	5							
	4	7							
	3	9							
	2	901							
	1	3							
✓	510	5	0016			132'			
	9	7				40			
	8	9							
	7	911							
	6	3							
	5	5							
	4	7							
	3	9							
	2	921							
	1	3							
✓	500	5	0022			132'			
	9	7				40			
	8	9							
	7	931							
	6	3							
	5	5							
	4	7							
	3	9							
	2	941							
	1	3							
✓	490	5	0028			132'			
	9	7				40			
	8	9							
	7	951							
	486	953							

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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
	549	827		S/E	70, 56, 60 62		13942	5	RPM 725
	8	9			64, 60, 58, 57		"B"		HEADING 348°
	7	831			21 17 x 19				T.B. N.W.
	6	3			20 18 x 17				S.O.B. S.1
	5	5					5889		
	4	7							
	3	9							
	2	841							
	1	3							
✓	540	5	2357			138			
	9	7				47			
	8	9							
	7	851							
	536	853							EOL SP 536
	5	5			END OF		DAY		
	4	7							
	3	9							
	2	861							

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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 329/164

State MASS. | Sample rate 4 ms | Fold coverage 36

Observer McDANIEL | gun depth 30' | in.^{3} of guns 1700 ~~1320~~

Pre-Plot	Shotpoint	File No.	Time	#1 dir.	Cable Depth	W.D.	Reel No.	Line No.	Remarks
	599	727		S/E	70,56,62,66		13940	5	RPM 725
	8	9			69, 60, 58, 57		B		HEADING 335°
	7	731			21 17 x 20				T.B. N.V.
	6	3			21 18 x 17		5887		S.O.B. 5.1
	5	5			T/C				LSP 595 LF - 736
	4	7					13941		FSP 594 FF - 737
	3	9					"A"		
	2	741							
	1	3					5886		
✓	590	5	2329			132'			
	9	7				40			
	8	9							
	7	751							
	6	3							
	5	5							
	4	7							
	3	9							
	2	761							
	1	3							
✓	580	5	2331			132'			
	9	7				40			
	8	9							
	7	771							
	6	3							
	5	5							
	4	7							
	3	9							
	2	781							
	1	3							
✓	570	5	2337			132'			
	9	7				40			
	8	9							
	7	791							
	6	3							
	5	5							
	4	7							
	3	9							
	2	801							
	1	3							
✓	560	5	2343			132'			
	9	7				40			
	8	9			T/C		13941		LSP - 558 LF - 810
	7	811					13942		FSP - 557 FF - 811
	4	3					B		
	5	5							
	4	7					5889		
	3	9							
	2	821							
	1	3							
✓	550	5	2350			132'			

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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 1350

Pre-Plot	Shotpoint	File No.	Time	#Idir.	Cable Depth	W.D.	Reel No.	Line No.	Remarks
	649	627		S/E	70,56,60,64		13939	5	RPM 725
	8	9			65, 60, 58, 57		"A"		HEADING 337°
	7	631			21 17 x 20				T.B. N.V.
	6	3			20 18 x 17		5886		S.O.B. 4.5
	5	5							
	4	7							
	3	9							
	2	641							
	1	3							
✓	640	5	2251			138'			
	9	7				42			
	8	9							
	7	651							
	6	3							
	5	5							
	4	7							
	3	9							
	2	661			T/C				LSP - 632 LF - 662
	1	3					13940		FSP - 631 FF - 663
✓	630	5	2257			132'			
	9	7				40	4B"		
	8	9							
	7	671					5887		
	6	3							
	5	5							
	4	7							
	3	9							
	2	681							
	1	3							
✓	620	5	2302			132'			
	9	7				40			
	8	9							OFFSET LINE TO PORT
	7	691							DUE TO FISHING BOATS
	6	3							ON ANCHOR
	5	5							
	4	7							
	3	9							
	2	701							
	1	3							
✓	610	5	2309			132'			1270 IN^3 ON LINE
	9	7				40			PICKING UP STARBOARD
	8	9							INBOARD STRING TO CHECK
	7	711							GUNS
	6	3							
	5	5							
	4	7							
	3	9							
	2	721							
	1	3							
✓	600	5	2316			132'			

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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 1390

Pre-Plot	Shotpoint	File No.	Time	#Idir.	Cable Depth	W.D.	Reel No.	Line No.	Remarks
	699	527		S/E	72,56,62,64		13938	5	RPM 225
	8	9			64,59,58,56		"B"		HEADING 326°
	7	531			22 17 x 20				TB N.V.
	6	3			20 18 x 17		5886		S.O.B 4.1
	5	5							
	4	7							
	3	9							PICKING up SCREW NOISE
	2	541							
	1	3							
✓	690	5	2216			132'			
	9	7				40			
	8	9							
	7	551							
	6	3							
	5	5							
	4	7							
	3	9							
	2	561							
	1	3							
✓	680	5	2222			138'			
	9	7				42			
	8	9							
	7	581							
	6	3							1350^3 IN ON LINE
	5	5							Picking up STARBOARD
	4	7							OUTBOARD STRING TO
	3	9							check GUNS-
	2	591							
	1	3							
✓	670	5	2228			138'			
	9	7				42			
	8	9			T/C		13938		LSP — 669 LF — 588
	7	691					13939		FSP — 668 FF — 589
	6	3					"A"		
	5	5							
	4	7					5886		
	3	9							
	2	601							
	1	3							
✓	660	5	2235			138'			
	9	7				42			
	8	9							
	7	671							
	6	3							
	5	5							
	4	7							
	3	9							
	2	621							
	1	3							
✓	650	5	2243			132'			

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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 1390

Pre-Plot	Shotpoint	File No.	Time	#Idir.	Cable Depth	W.D.	Reel No.	Line No.	Remarks
	749	427		S/E	72, 57, 61, 63		13936	5	RPM 725
	8	9			64, 60, 58, 57		"B"		HEADING 330°
	7	431			22 17 x 19				T.B. N.V.
	6	3			20 18 x 17				S.O.B. 4.8
	5	5					5883		
	4	7							
	3	9							
	2	441			T/C		13936		LSP - 742 LF - 442
	1	3					13937		FSP - 741 FF - 443
✓	740	5	2143			144'	"A"		
	9	7				44			
	8	9					5884		
	7	451							
	6	3							
	5	5							
	4	7							
	3	9							
	2	461							
	1	3							
✓	730	5	2149			144'			
	9	7				44			
	8	9							
	7	471							
	6	3							
	5	5							
	4	7							
	3	9							
	2	481							
	1	3							
✓	720	5	# 2156			138'			
	9	7				42			
	8	9							
	7	491							
	6	3							
	5	5							
	4	7							SONO BUOY OVER —
	3	9							— SP 713 ?
	2	501							
	1	3							
✓	710	5	2203			144'			
	9	7				44			
	8	9							
	7	511							
	6	3							
	5	5			T/C		13937		LSP - 705 LF - 516
	4	7					13938		FSP - 704 FF - 517
	3	9					"B"		
	2	521					5885		
	1	3							PICKING UP SCREW NOISE
✓	700	5	2209			138'			

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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 329/164

State MASS. | Sample rate 4 ms | Fold coverage 36

Observer McDANIEL | gun depth 30' | in.^{3} of guns 1390

Pre-Plot	Shotpoint	File No.	Time	#1 dir.	Cable Depth	W.D.	Reel No.	Line No.	Remarks
	799	327		S/E	72, 56, 60, 66		13935	5	RPM 725
	8	9			62, 58, 58, 57		"A"		HEADING 335°
	7	331			22 17 x 18				T.B. N.V
	6	3			19 18 x 17				S.O.B. 4.5
	5	5					5882		
	4	7							
	3	9							
	2	341							
	1	3							
✓	790	5	2108			147'			
	9	7				45			
	8	9							
	7	351							
	6	3							
	5	5							
	4	7							
	3	9							
	2	361							
	1	3							
✓	780	5	2116			144'			
	9	7			T/	44	13935		LSP — 779 LF — 368
	8	9			/C		13936		FSP — 778 FF — 369
	7	371					"B"		
	6	3							
	5	5					5863		
	4	7							
	3	9							
	2	381							
	1	3							
✓	770	5	2122			144'			
	9	7				44			
	8	9							
	7	391							
	6	3							
	5	5							
	4	7							
	3	9							
	2	401							
	1	3							
✓	760	5	2128			144			
	9	7				44			
	8	9							
	7	411							
	6	3							
	5	5							
	4	7							
	3	9							
	2	421							
	1	3							
✓	750	5	2135			144'			

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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	1690

Pre-Plot	Shotpoint	File No.	Time	#Idir.	Cable Depth	W.D.	Reel No.	Line No.	Remarks
	849	227		S/E	72, 56, 60, 60		13934	5	RPM 725
	8	9			64, 58, 58, 57		B		HEADING 327°
	7	231			22 17 x 18				T.B. N.V.
	6	3			20 18 x 17				S.O.B. 5.0
	5	5							
	4	7							
	3	9							
	2	241							
	1	3							
✓	840	5	2036			162'			
	9	7				49			
	8	9							
	7	251							
	6	3							
	5	5							
	4	7							
	3	9							
	2	261							
	1	3							
✓	830	5	2043			156'			
	9	7				48			
	8	9							
	7	271							
	6	3							
	5	5							
	4	7							
	3	9					5881		
	2	281							
	1	3							SHOOTING 1390 IN^3 - DUE TO
✓	820	5	2050			156'			CHECKING GUNS
	9	7				48			
	8	9							5
	7	291							
	6	3			T/C		13934		LSP - 816 LF - 294
	5	5					13935		FSP - 815 FF - 295
	4	7					"A"		
	3	9							
	2	301					5887		
	1	3							
✓	810	5	2056			150'			
	9	9				46			
	8	- 9							
	7	311							
	6	3							
	5	5							
	4	7							
	3	9							
	2	321							
	1	3							
✓	800	5	2103			147'			

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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 1690

Pre-Plot	Shotpoint	File No.	Time	#1 dir.	Cable Depth	W.D.	Reel No.	Line No.	Remarks
	899	127		S/E	71,56,60,61		13932	5	RPM 725
	8	9			64,59,58,56		"B"		HEADING 329°
	7	131			22 17 x 19				T.B. N.V
	6	3			20 18 x 17				S.O.B. 5.1
	5	5							
	4	7							
	3	9							
	2	141					S879		
	1	3							
✓	890	5	2001		T/	180'			LSP - 890 LF - 146
	9	7			/C	55	13933		FSP - 889 FF - 147
	8	9					"A"		
	7	151							
	6	3					S880		
	5	5							
	4	7							
	3	9							
	2	161							
	1	3							
✓	880	5	2008			180'			
	9	7				55			
	8	9							
	7	171							
	6	3							
	5	5							
	4	7							
	3	9							
	2	181							
	1	3							
✓	870	5	2014			180'			
	9	7				55			
	8	9							
	7	191							
	6	3							
	5	5							
	4	7							
	3	9							
	2	201							
	1	3							
✓	860	5	2022			168'			
	9	7				51			
	8	9							
	7	211							
	6	3							
	5	5							
	4	7							
	3	9			T/		13933		LSP - 853 LF - 220
	2	221			/C		13934		FSP - 852 FF - 221
	1	3					"B"		
✓	850	5	2030			162'	S881		

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OBSERVERS MARINE REPORT

digicon inc. # 51

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 1690

Pre-Plot	Shotpoint	File No.	Time	#1dir.	Cable Depth	W.D.	Reel No.	Line No.	Remarks
	949	027		S/E	70,56,60,60		13931	5	RPM 725
	8	9			63,58,57,57		A		HEADING 335°
	7	031			21 17 x 18				T.B. N.V.
	946	3			19 18 x 17		587		S.O.B 5.1
	5	5							
	4	7							
	3	9							
	2	041							
	1	3							
✓	940	5	1930			198'			
	9	7				60			
	8	9							
	7	051							
	6	3							
	5	5							
	4	7							
	3	9							
	2	061							SONO Buoy OVER - SP932?
	1	3							
✓	930	5	1937			192			
	9	7				59			
	8	9							
	7	071			T/C		13931		LSP - 927 LF - 072
	6	3					13932		FSP - 926 FF - 073
	5	5					"B"		
	4	7							
	3	9					579		
	2	081							
	1	3							
✓	920	5	1943			180'			
	9	7				55			
	8	9							
	7	091							
	6	3							
	5	5							
	4	7							
	3	9							
	2	101							
	1	3							
✓	910	5	1949			180'			
	9	7				55			
	8	9							
	7	111							
	6	3							
	5	5							
	4	7							
	3	9							
	2	121							
	1	3							
✓	900	5	1955			198'			

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OBSERVERS MARINE REPORT

digicon inc. # 511

Client USGS | 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 Mc DANIEL | gun depth 30' | in.^{3} of guns 1690

Pre-Plot	Shotpoint	File No.	Time	#Idir.	Cable Depth	W.D.	Reel No.	Line No.	Remarks
	999	927		SE	70,64,60,60		13930	5	RPM 725
	8	9			63,58,57,57		#B		HEADING 323°
	7	931			21 20 x 18				T.B. N.V.
	6	3			19 18 x 17		9877		S.O.B. 5.0
	5	5							
	4	7							
	3	9							
	2	941							
	1	3							
✓	990	5	1859			216'			
	9	7				66			
	8	9							
	7	951							
	6	3							
	5	5							
	4	7							
	3	9							
	2	961							
	1	3							
✓	980	5	1905			210'			
	9	7				64			
	8	9							
	7	971							
	6	3							
	5	5							
	4	7							
	3	9							
	2	981							
	1	3							
✓	970	5	1912			210'			
	9	7				64			
	8	9							
	7	991							
	6	3							
	5	5							
	4	7			T/C		13930		LSP - 964 LF - 998
	3	9					13931		FSP - 963 FF - 999
	2	001					"B"		
	1	3					A		
✓	960	5	1919			204'			
	9	7				62	S/A		
	8	9							
	7	011							
	6	3							
	5	5							
	4	7							
	3	9							
	2	021							
	1	3							
✓	950	5	1725			198'			

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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 1690

Pre-Plot	Shotpoint	File No.	Time	#Idir.	Cable Depth	W.D.	Reel No.	Line No.	Remarks
	1049	827		S/E	70,57,60,60		13928	5	RPM 650/675
	8	8			66,58,60,60		"B"		HEADING 330°
	7	831			21 17 x 18				T.B. N.V.
	6	3			20 18 x 18				S.O.B. 4.6
	5	5							
	4	7							
	3	9							
	2	841							
	1	3							
✓	1040	5	1623			228'			
	9	7				70			
	8	9			T/C		13928		LSP - 1038 LF - 850
	7	851					13929		FSP - 1037 FF - 851
	6	3					"A"		
	5	5							
	4	7							
	3	9					5876		
	2	861							
	1	3							
✓	1030	5	1629			168'			
	9	7				51			
	8	9							
	7	871							
	6	3							
	5	5							
	4	7							
	3	9							
	2	881							
	1	3							
✓	1020	5	1837			222'			
	9	7				68			
	8	9							
	7	891							
	6	3							
	5	5							
	4	7							
	3	9							
	2	901							
	1	3							
✓	1010	5	1945			222'			
	9	7				69			
	9	9							INCREASE SPEED TO
	7	911							725 RPM PAIR
	6	3							
	5	5							
	4	7							
	3	9							
	2	921							
✓	1	3			T/C		13929		LSP 1001 LF 924
✓	1000	5	1851			216'	13930		FSP 1000 FF 925

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66 "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 3/18/62 | Group interval 328/164

State MASS. | Sample rate 4 ms | Fold coverage 36

Observer McDANIEL | gun depth 30' | in.^{3} of guns 1690

Pre-Plot	Shotpoint	File No.	Time	#1 dir.	Cable Depth	W.D.	Reel No.	Line No.	Remarks
	1099	727		S/E	70,56,60,66		13927	5	RPM 650 .675
	8	9			66 60,60 61		A		HEADING 339°
	7	731			21 17 x 20				T.B N.B.
	6	3			20 18 x 19				S.O.B. 5.2
	5	5							
	4	7							
	3	9							
	2	741							
	1	3							
✓	1090	5	1748			240'			
	9	7				75			
	8	9							
	7	751							
	6	3							
	5	5							
	4	7							
	3	9							
	2	761							
	1	3							
✓	1080	5	1755			240'			
	9	7				73			
	8	9							
	7	771							
	6	3							
	5	5			T/C		13927		LAST FILE 776 SP 1075
	4	7					13928		FIRST FILE 777 SP 1074
	3	9					78		
	2	781							
	1	3							
✓	1070	5	1803			240'			
	9	7				73			
	8	9							
	7	791							
	6	3							
	5	5							
	4	7							
	3	9							
	2	801							Stop Tape
	1	3							
✓	1060	5	1809			234'			
	9	7				71			
	8	9							
	7	811							
	6	3							
	5	5							
	4	7							
	3	9							
	2	821							
	1	3							
✓	1050	5	1816			228'			

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OBSERVERS MARINE REPORT

digicon inc. # 511

Client	USGS	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	Mc DANIEL	gun depth	30'	in.^{3} of guns	1690 ~~1520~~

Pre-Plot	Shotpoint	File No.	Time	#Idir.	Cable Depth	W.D.	Reel No.	Line No.	Remarks
~~628~~	1149	627	~~628~~	S/E	70, 56, 60, 62		13925	5	RPM 650
	8	9			64, 60, 60, 63		A		HEADING 338°
	7	631			21 17 x 19		~~5477~~		T.B. N.V.
	6	3			20 18 x 19				S.O.B. 5.2
	5	5			T				LSP-1149 LF-628
	4	7			T/C		13926		FSP-1148 FF-629
	3	9					"B"		
	2	641							
	1	3					~~5473~~		
✓	1140	5	1713			246'			SONO BUOY OVER SP 1140
	9	7				75			
	8	9							
	7	651							
	6	3							
	5	5							
	4	7							
	3	9							
	2	661							
	1	3							
✓	1130	5	1719			246'			
	9	7				75			
	8	9							INCREASE RPMs 25 ON ONE (650/675)
	7	671							
	6	3							
	5	5							
	4	7							
	3	9							
	2	681							
	1	3							
✓	1120	5	1726			252'			
	9	7				77			
	8	9							
	7	691							
	6	3							
	5	5							
	4	7							
	3	9							
	2	701			T/C		13926		LSP-1112 LF-702
	1	3			T/C		13927		FSP-1111 FF-703
✓	1110	5	1734			252'	"A"		
	9	7				77			
	8	9					5874		
	7	711							
	6	3							
	5	5							
	4	7							
	3	9							
	2	721							
	1	3							
	1100	5	1740			252'			

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OBSERVERS MARINE REPORT

digicon inc. # 511

Client USGS | Type instrument DFS-III | Offset distance ~~1134'~~ 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
	1199	527		S/E	70,55,60,59		13924	5	RPM 650 PL
	8	9			62,59,60,63		"B"		HEADING 326°
	7	531			21 17 x 18				T.B. N.V.
	6	3			19 18 x 19				S.O.B. 5.2
	5	5							
	4	7					5871		
	3	9							
	2	541							
	1	3							
✓	1190	5	1640			264'			
	9	7				80			
	8	9							
	7	551							
	6	3			T/C				LSP - 1196 LF - 554
	5	5					13925		FSP - 1195 FF - 555
	* 4	7					"A"		
	3	9							
	2	561					5872		
	1	3							
✓	1180	5	1648			270'			
	9	7				84			
	8	9							
	7	571							
	6	3							
	5	5							
	4	7							
	3	9							
	2	581							
	1	3							
✓	1170	5	1655			216'			
	9	7				66			
	8	9							
	7	591							
	6	3							
	5	5							
	4	7							
	3	9							
	2	601							
	1	3							
✓	1160	5	1702			252'			
	9	7				77			
	9	9							
	7	611							
	6	3							SHOOTING ~~1700~~ 1690 in^3
	5	5							
	4	7							
	3	9							
	2	621							
	1	3							
✓	1150	5	1707			252'			

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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 1700

Pre-Plot	Shotpoint	File No.	Time	#Idir.	Cable Depth	W.D.	Reel No.	Line No.	Remarks
	1249	427		S/E	70, 56, 60, 63		13923	5	RPM 650
	9	9			69, 60, 60, 64		"A"		HEADING 329°
	7	431			21 17 x 19				T.B. N.V.
	6	3			21 18 x 20		5870		S.O.B. 5.2
	5	5							
	4	7							
	3	9							
	2	441							
	1	3							
✓	1240	5	1610			270'			SHOOTING 1520 IN^3
	9	7				82			
	8	9							
	7	451							
	6	3							
	5	5							
	4	7							
	3	9							
	2	461							
	1	3							
✓	1230	5	1616			273'			
	9	7				83			
	8	9							
	7	471							
	6	3							
	5	5							
	4	7							
	3	9			T/C		13923		LSP - 1223 LF - 480
	2	481					13924 "B"		FSP - 1222 FF - 481
	1	3							
✓	1220	5	1622			270'			
	9	7				82			
	8	9					5871		
	7	491							
	6	3							
	5	5							
	4	7							
	3	9							
	2	501							
	1	3							
✓	1210	5	1628			270'			
	9	7				82			
	8	9							
	7	511							
	6	3							
	5	5							
	4	7							
	3	9							
	2	521							
	1	3							
✓	1200	5	1634			270'			

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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	329/164		
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
	1299	327		S/E	67, 56, 60, 58		13921	5	RPM 650
	8	9			61, 60, 60, 63		"A"		HEADING 327°
	7	331			20 17 x 18				T.A N.V.
	6	3			19 18 x 19		5868		S.O.B. 5.0
	5	5			T/C				LSP 1297 LF - 332
	4	7					13922		FSP 1296 FF - 333
	3	9					"B"		
	2	341							
	1	3					5869		
✓	1290	5	1536			298'			
	9	7				88			
	8	9							PICKING UP SCREW NOISE
	7	351							
	6	3							
	5	5							
	4	7							
	3	9							
	2	361							
	1	3							
✓	1290	5	1543			282'			
	9	7				88			
	8	9							
	7	371							
	6	3							
	5	5							
	4	7							
	3	9							
	2	381							
	1	3							
✓	1270	5	1550			282'			
	9	7				88			
	8	9							
	7	391							
	6	3							
	5	5							
	4	7							
	3	9							
	2	401							
	1	3							
✓	1260	5	1557		T/C	273'	13922		LSP - 1260 LF - 406
	9	7				83	13923		FSP - 1259 FF - 407
	8	9					"A"		
	7	411							
	6	3					5870		
	5	5							
	4	7							
	3	9							
	2	421							
	1	3							
✓	1250.	5	1603			276'			

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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	#Idir.	Cable Depth	W.D.	Reel No.	Line No.	Remarks
	1349	227		S/E	66, 56, 59, 58		13920	5	RPM 675/650
	8	9			60, 58, 58, 60		"B"		HEADING 335°
	7	231			20 17 x 18				T.B. N.V.
	6	3			18 18 x 18				S.OB. S.S
	5	5							
	4	7							
	3	9							
	2	241							
	1	3							
✓	1340	5	1506			294'			PICKING up SCREW NOISE
	9	7				90			
	8	9							
	7	251							
	6	3							
	5	5							
	4	7			T/C				LSP 1334 LF 258
	3	9					13921		FSP 1333 FF 259
	2	261					"A"		
	1	3							
✓	1330	5	1512			294'			REDUCE RPMs TO RUN
	9	7				90			650 PAIR
	8	9					5818		
	7	271							
	6	3							
	5	5							
	4	7							
	3	9							
	2	281							
	1	3							
✓	1320	5	1517			294'			
	9	7				90			
	8	9							
	7	291							
	6	3							
	5	5							
	4	7							
	3	9							
	2	301							
	1	3							
✓	1310	5	1523			294'			
	9	7				90			
	8	9							
	7	311							
	6	3							
	5	5							
	4	7							
	3	9							
	2	321							
	1	3							
✓	1300	5	1529			294'			

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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	#Idir.	Cable Depth	W.D.	Reel No.	Line No.	Remarks
	1399	127		S/E	64,56,62,64		13919	5	RPM 675 PAR
	8	9			64,59,58,59		"A"		HEADING 331°
	7	131			20 17 x 20				T.B NV
	6	3			20 18 x 18				S.O.B. 5.6
	5	5							
	4	7					5814		
	3	9							
	2	141							
	1	3							
✓	1390.	5	1435			312'			PICKING UP SCREW NOISE
	9	7				95			
	8	9							
	7	151							
	6	3							
	5	5							
	4	7							
	3	9							
	2	161							
	1	3							
✓	1380.	5	1442			306'			
	9	7				93			
	8	9							
	7	171							
	6	3							
	5	5							
	4	7							
	3	9							
	2	181							
✓	1	3			T/C		13919		LSP 1371 LF 184
✓	1370.	5	1448			309'	13920		FSP 1370 FF 185
	9	7				94	"B"		
	8	9							
	7	191					5867		
	6	3							
	5	5							
	4	7							
	3	9							
	2	201							
	1	3							
✓	1360	5	1454			306'			
	9	7				93			
	8	9							
	7	211							
	6	3							
	5	5							
	4	7							
	3	9							
	2	221							
	1	3							
✓	1350	5	1500			294'			

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OBSERVERS MARINE REPORT

digicon inc. # 511

Client USGS | 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	#Idir.	Cable Depth	W.D.	Reel No.	Line No.	Remarks
	1449	027		S/E	66		13917	5	RPM 675 PACK
	8	9			20		"A"		HEADING 337°
	7	031							T.B N.V.
	6	3							S.O.B. 5.4
	5	5			T/				LSP 1445 LF# 036
	4	7			C		13918		FSP 1444 FF# 037
	3	9					B		
	2	041							PAIRTY ON FILE 037?
	1	3					5865		
✓	1440	5	1406			~~300'~~			
	9	7				330'			
	8	9				101			
	7	051							
	6	3							PICKING UP SCREW NOISE
	5	5							
	4	7							
	3	9							
	2	061							
	1	3							
✓	1430	5	1412			330'			
	9	7				101			
	8	9							
	7	071							
	6	3							
	5	5							
	4	7							
	3	9							
	2	081							
	1	3							
✓	1420	5	1418			324'			
	9	7				99			SONO BUOY OVER - SP 1420
	8	9							
	7	091							
	6	3							
	5	5							
	4	7							
	3	9							
	2	101							
	1	3							
✓	1410	5	1424			324'			
	9	7				99			
	8	9			T/		13918		LSP 1418 LF 110
	7	111			C		13919		FSP 1417 FF 111
	6	3					A		
	5	5							
	4	7					5866		
	3	9							
	2	121							
	1	3							
✓	1400	5	1429			318'			

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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	#Idir.	Cable Depth	W.D.	Reel No.	Line No.	Remarks
	1499	927		S/E	65,57,60,60		13916	5	RPM 675 PAIR
	8	9			62, 58, 5860		"B"		HEADING 336°
	7	931			20 17 x 18				T.B. N.V.
	6	3			19 18 x 18				S.O.B. 4.8
	5	5							
	4	7							
	3	9							PICKING up SCREW NOISE
	2	941							
	1	3							
✓	1490.	5	1337			378'			
	9	7				115			
	8	9							
	7	951							
	6	3							
	5	5					5A3		
	4	7							
	3	9							
	2	961			T/		13916		LSP 1482 LF 962
	1	3			/C		13917		FSP 1481 FF 963
✓	1480.	5	1342			360'	"A"		
	9	7				110			
	8	9							
	7	971					586A		
	6	3							
	5	5							
	4	7							
	3	9							
	2	981							
	1	3							
✓	1470.	5	1348			360'			
	9	7				116			
	8	9							
	7	991							
	6	3							
	5	5							
	4	7							
	3	9							
	2	001							
	1	3							
✓	1460.	5	1354			354'			
	9.	7				108			
	8	9							
	7	011							
	6	3							
	5	5							
	4	7							
	3	9							
	2	021							
	1	3							
✓	1450.	5	1400			342'			

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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
	1549	827		S/E	64, 56, 60, 58		13915	5	RPM 675 PAIR
	8	9			60, 58, 59, 60		"A"		HEADING 341°
	7	831			20 17 x 18				T.B N.V.
	6	3			18 18 x 18				S.O.B. 4.9
	5	5							
	4	7					5868		
	3	9							
	2	841							
	1	3							
✓	1540.	5	1302			426'			
	39	7				130			PICKING UP SCREW NOISE
	8	9							
	7	851							
	6	3							
	5	5							
	4	7							
	3	9							
	2	861							
	1	3							
✓	1530.	5	1308			420'			
	9	7				128			
	8	9							DECREASE TO CLUTCH ON A
	7	871							PAIR — DUE TO TANKER
	6	3							CROSSING ASTERN
	5	5							
	4	7							
	3	9							
	2	881							
	1	3							
✓	1520.	5	1314			402'			
	9	7			T/C	123	13915		LSP# 1519 LF 988
	8	9					13916		FSP# 1519 FF 999
	7	891					"B"		
	6	3							INCREASE RPMs TO 675
	5	5					5863		ON A PAIR
	4	7							
	3	9							
	2	901							
	1	3							
✓	1510.	5	1322			394'			
	9	7				117			
	8	9							
	7	911							
	6	3							
	5	5							
	4	7							
	3	9							
	2	921							
	1	3							
✓	1500	5	1330			378'			

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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	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
	1599	727		SE	65, 57, 60, 60		13913	5	RPM's - 700 PR.
	8	9			65, 58, 58, 58		"A"		HEADING - 343°
	7	731			20 17 x 18				TAILBUOY - N.V.
	6	3			20 18 x 18				SOB - 4.9
	5	5							
	4	7							
	3	9			T/C				LSP # 1593 LF# 740
	2	741					13914		FSP# 1594 FF# 741
	91	3					"B"		
✓	1590	5	1230			450'			SONO BUOY OVER SP 741?
	9	7				137			
	8	9							
	7	751					5861		
	6	3							
	5	5							
	4	7							
	3	9							
	2	761							
	1	3							
✓	1580	5	1236			426'			
	9	7				130			
	8	9							
	7	771							
	6	3							
	5	5							
	4	7							
	3	9							
	2	781							
	1	3							
✓	1570	5	1242			444'			
	9	7				135			
	8	9							REDUCE SPEED 50 RPM TO 675 PAIR
	7	791							
	6	3							
	5	5							
	4	7							
	3	9							
	2	801							
	1	3							
✓	1560	5	1248			426'			
	9	7				130			PICKING UP SCREW NOISE
	8	9							
	7	811							
	6	3			T/C		13914		LSP# 1556 LF# 814
	5	5					13915		FSP# 1555 FF# 815
	4	7					"A"		
	3	9							
	2	821					5862		
	1	3							
✓	1550	825	1254			426'			

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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
	1649	627		SE	65,56,60,62		13912	5	RPM'S - 700 PAIR
	8	9			64,56,55,55		"B"		HEADING - 347
	7	631			20 17 x 19				TAILBUOY - N.V.
	6	3			20 17 x 17				SOB - 5.3
	5	5							
	4	7					5859		
	3	9							
	2	641							
	1	3							
✓	1640	5	1159			456			
	9	7				139			
	8	9							
	7	651							
	6	3							
	5	5							
	4	7							
	3	9							
	2	661							
	1	3							
✓	1630	5	1205		T/C	462'			LSP # 1630 LF # 666
	9	7				141	13913		FSP # 1629 FF # 667
	8	9					"A"		
	7	671							
	6	3							
	5	5					5860		
	4	7							
	3	9							
	2	681							
	1	3							
✓	1620	5	1211			450'			
	9	7				139			
	8	9							
	7	691							
	6	3							
	5	5							
	4	7							
	3	9							
	2	701							
	1	3							
✓	1610	5	1217			450'			
	9	7				137			
	8	9							
	7	711							
	6	3							
	5	5							
	4	7							
	3	9							
	2	721							
	1	3							BACK ON LINE
✓	1600	725	1223			450'			

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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
	1699	527		SE	66,55,60,61		13911 'A'	5	RPM'S - 700 PAIR
	8	9			67,56,55,54				HEADING - 339
	7	531			20 17x19				TAILBUOY - N.V.
	6	3			20 17x16				SOB - (4.9 W.T.)
	5	5							
	4	7						★	
	3	9							SP 1700 MAX. DISTANCE
✓	2	541							OFF-LINE APPROX.
	1	3							2000 FT?
✓	1690	5	1125			936'			
	9	7				385		★	SLOWLY MOVING BACK
	8	9							TOWARDS LINE. MORE
	7	551							BUOYS AHEAD.
	6	3							
	5	5							
	4	7							
	3	9							
	2	561							
	1	3							
✓	1680	5	1131			762'			
	9	7				232			
	8	9							
	7	571							
	6	3							
	5	5							
	4	7							
	3	9							
	2	581							
	1	3							
✓	1670	5	1138			576'			
	9	7				176			
	8	9							
	7	591			T/C			✓	LF 592 LSP 1667
	6	3					13912 'B'		FF 593 FBP 1666
	5	5							
	4	7							
	3	9							
	2	601							
	1	3							
✓	1660	5	1145			474'			
	9	7				145			
	8	9							
	7	611							
	6	3							
	5	5							
	4	7							
	3	9							
	2	621							
	1	3							
✓	1650	625	1152			468'			

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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
	1749	427		SE	67,54,60,59		13909	5	RPM'S - 700 PAIR
	8	9			64,59,56,58		'A'		HEADING - 344
	7	431			20 16 x 18				TAIL BUOY - N.V.
	6	3			20 18 x 18				SOB - 4.9 (W.T.)
	5	5							
	4	7							
	3	9							
	2	441							
	1	3			T/C				LF 444 LSP 1741
✓	1740	5	1050			1875	13910		FF 445 FSP 1740
	9	7				372	'B'		
	8	9							
	7	451							
	6	3					6451		
	5	5							
	4	7							
	3	9							
	2	461							
	1	3							
✓	1730	5	1056			1650			
	9	7				503			
	8	9							
	7	471							
	6	3							
	5	5							
	4	7							
	3	9							
	2	481							
	1	3							
✓	1720	5	1103			1278			★ COMING OFF-LINE TO AVOID BUOY DIRECTLY AHEAD. 3° AT A TIME.
	9	7				390			
	8	9							
	7	491							
	6	3							
	5	5							★ SLIGHT BEND IN CABLE CAUSED BY TURN. HAD TO TURN 20° BECAUSE OF BOAT & BUOYS
	4	7							
	3	9							
	2	501							
	1	3							FILE 503 - APPROX. 600 FT.
✓	1710	5	1110			1080			OFF LINE.?
	9	7				329			
	8	9							
	7	511							
	6	3							★ FILE 512 APPROX. 1000 FT.
	5	5							OFF-LINE.?
	4	7			T/C				LF 518 LSP 1704
	3	9					13911		FF 519 FSP 1703
	2	521					'A'		
	1	3							★ FILE 524 APPROX. 1800 FT.
✓	1700	525	1118			990'			OFF-LINE.?

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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
	1799	327		SE	68,56,60,56		13908	5	RPM'S - 700 PAIR
	8	9			60,56,56,57		'B'		HEADING - 346
	7	331			21 17 x 17				TAILBUOY - N.V.
	6	3			18 17 x 17		5855		SOB - 5.0 (W.T.)
	5	5							
	4	7							
	3	9							
	2	341							
	1	3							
✓	1790	5	1016			3400			
	9	7				1037			
	8	9							
	7	351							
	6	3							
	5	5							
	4	7							
	3	9							
	2	361							
	1	3							
✓	1780	5	1022			3175			
	9	7				968			
	8	9							
	7	371							
	6	3							
	5	5							
	4	7							
	3	9			T/C				LF 380 LSP 1772
	2	381					13909		FF 381 FSP 1771
	1	3					'A'		
✓	1770	5	1029			3020'			
	9	7				921			
	8	9							
	7	391					5856		
	6	3							
	5	5							
	4	7							
	3	9							
	2	401							
	1	3							
✓	1760	5	1036			2525			
	9	7				770			
	8	9							
	7	411							
	6	3							
	5	5							
	4	7							
	3	9							
	2	421							
	1	3							
✓	1750	425	1043			2250			CHANGING TO 9 SECOND RECORD AT FILE 425 ✓

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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
	1849	227		SE	6754 6061		13906	5	RPMS - 700 PAIR
	8	9			6759 5757		'B'		HEADING - 345
	7	231			20 16 x 19				TAILBUOY - N.V.
	6	3			20 18 x 17				SOB - 5.0 (W.T.)
	5	5					13107		
	4	7							
	3	9							
	2	241							
	1	3							
✓	1840	5	0942			5625			
	9	7				1715			
	8	9							
	7	251							
	6	3							
	5	5			T/C				LF 256 LSP 1835
	4	7					13907		FF 257 FSP 1834
	3	9					'A'		
	2	261							
	1	3					5854		
✓	1830	5	0949			5000			
	9	7				1524			
	8	9							
	7	271							
	6	3							
	5	5							
	4	7							
	3	9							
	2	281							
	1	3							
✓	1820	5	0956			4625			
	9	7				1410			
	8	9							
	7	291							
	6	3							
	5	5							
	4	7							
	3	9							
	2	301							
	1	3							
✓	1810	5	1003			4125			
	9	7				1257			
	8	9							
	7	311							
	6	3							
	5	5							
	4	7			T/C				LF 318 LSP 1804
	3	9					13908		FF 319 FSP 1803
	2	321					'B'		
	1	3					5855		PARITY ERROR - FILE 320?
✓	1800	325	1009			3800			

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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
	1899	127		SE			13904 'B'	5	RAM'S - 700 PAIR
	8	9							HEADING - 349
	7	131			T/C				TAILBUOY - N.V.
	6	3			T/C		13905 'A'		SOB -
	5	5							
	4	7							LF 132 LSP 1897
	3	9							FF 133 FSP 1896
	2	141					5453		
	1	3							
✓	1890	5	0908			6375			
	9	7				1944			
	8	9							
	7	151							
	6	3							
	5	5							
	4	7							
	3	9							
	2	161							
	1	3							
✓	1880	5	0915			6375			
	9	7				1944			
	8	9							
	7	171							
	6	3							
	5	5							
	4	7							
	3	9							
	2	181							
	1	3							
✓	1870	5	0922			6250			
	9	7				1905			
	8	9							
	7	191							
	6	3			T/C				LF 194 LSP 1866
	5	5			T/C		13906 'B'		FF 195 FSP 1865
	4	7							
	3	9							
	2	201					13107		
	1	3							
✓	1860	5	0928			6125			
	9	7				1867			
	8	9							
	7	211							
	6	3							
	5	5							
	4	7							
	3	9							
	2	221							
	1	3							
✓	1850	225	0935			6100			
						1860			

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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	1350		

Pre-Plot	Shotpoint	File No.	Time	#Idir.	Cable Depth	W.D.	Reel No.	Line No.	Remarks
	1949	027		SE	62,57,58,60		13903	5	RPM'S - 700 PAIR
	8	9			60,56,56,57		'A'		HEADING - 347
	7	031			19 17 x 18				TAILBUOY - N.V.
	6	3			18 17 x 17				SOB - 52 (W.T.)
	5	5					5851		
	4	7							
	3	9							
	2	041							★ TALKING TO HOUSTON. MAY CAUSE INTERFERENCE
	1	3							
✓	1940	5	0836			6375			
	9	7				1944			
	8	9							
	7	051							
	6	3							
	5	5							
	4	7							
	3	9							
	2	061							
	1	3							
✓	1930	5	0843			6375			
	9	7				1944			
	8	9			T/C				LF 070 LSP 1928
	7	071					13904 'B'		FF 071 FSP 1927
	6	3							
	5	5							★ FILE 073 SHOOTING WITH 1700 in^3. ALL GUNS BACK ON LINE EXCEPT SPARES.
	4	7					5850		
	3	9							
	2	081							
	1	3							
✓	1920	5	0849			6350			
	9	7				1936			
	8	9							
	7	091							
	6	3							
	5	5							
	4	7							
	3	9							
	2	101							
	1	3							
✓	1900	5	0855			6275			
	9	7				1915			
	8	9							
	7	111							
	6	3							
	5	5							
	4	7							
	3	9							
	2	121							
	1	3							
✓	1900	125	0901			6265			
						1915			

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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	1360

Pre-Plot	Shotpoint	File No.	Time	#Idir.	Cable Depth	W.D.	Reel No.	Line No.	Remarks
	1999	927		SE	62,56,59,57		13901	5	RPM'S - 700 PAIR
	8	9			61,58,57,56		'A'		HEADING - 346
	7	931			19 17 x 17				TAILBUOY - N.V.
	6	3			19 18 x 17				SOB - 5.2 (W.T.)
	5	5					(5849)		
	4	7							
	3	9							
	2	941							
	1	3							
✓	1990	5	0804		T/C	6700			LF 946 LSP 1990
	9	7				2043	13902		FF 947 FSP 1989
	8	9					'B'		
	7	951							
	6	3					5850		
	5	5							
	4	7							
	3	9							
	2	961							
	1	3							
✓	1980	5	0810			6625			
	9	7				2020			
	8	9							
	7	971							
	6	3							
	5	5							★ SHOOTING WITH 1350IN^3
	4	7							STB OUTBOARD STRING
	3	9							OFF-LINE !
	2	981							
	1	3							
✓	1970	5	0816			6550			
	9	7				1997			
	8	9							
	7	991							
	6	3							
	5	5							
	4	7							
	3	9							
	2	001							
	1	3							
✓	1960	5	0823			6420			
	9	7			T/C	1957			LF 008 LSP 1959
	8	9					13903		FF 009 FSP 1958
	7	011					'A'		
	6	3							
	5	5					5851		
	4	7							
	3	9							
	2	021							
	1	3							
✓	1950	025	0830			6390			

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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	1390

Pre-Plot	Shotpoint	File No.	Time	#Idir.	Cable Depth	W.D.	Reel No.	Line No.	Remarks
	2049	827		SE	62,56,60,57		13900	5	RAM'S - 700 PAIR
	8	9			62,58,56,56		'B'		HEADING - 345
	7	831			19 17 x 17				TAILBUOY - N.V.
	6	3			19 18 x 17				SOB - 5.1 (W.T.)
	5	5					5848		
	4	7							FILE 834 - PARITY ERROR?
	3	9							
	2	841							
	1	3							
✓	2040	5	0733			6900			
	9	7				2104			
	8	9							
	7	851							
	6	3							
	5	5							
	4	7							
	3	9							
	2	861							
	1	3							
✓	2030	5	0739			6850			
	9	7				2088			
	8	9							
	7	871							
	6	3							
	5	5							
	4	7							
	3	9							
	2	881							
	1	3			T/C				LF 884 LSP 2021
✓	2020	5	0745			6790	13901		FF 885 FSP 2020
	9	7				2070	'A'		
	8	9							
	7	891							
	6	3					5849		
	5	5							
	4	7							
	3	9							
	2	901							
	1	3							
✓	2010	5	0751			6750			
	9	7				2058			
	8	9							
	7	911							★ SHOOTING WITH 1360 IN³
	6	3							STB INBOARD STRING
	5	5							OFF-LINE.
	4	7							
	3	9							
	2	921							
	1	3							
✓	2000	925	0758			6730			

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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
	2099	727		SE	63,55,60,56		13898	5	RPM'S - 700/725
	8	9			20,56,56,55		'B'		HEADING - 345
	7	731			19 17 x 17				TAILBUOY - N.V.
	6	3			18 17 x 17				SOD - 5.1 (W.T.)
	5	5							
	4	7							
	3	9						★	FILE 739 - SHOOTING
	2	741							WITH 1430 ON GUNS. PULLING
	1	3							ONE STRING OF GUNS IN
✓	2090	5	0703			7250			ATA TIME TO CHECK.
	9	7				2241			BIG (300 IN³) GUN IN FIRST
	8	9							SHOOTING WITH 1430 IN³
	7	751							
	6	3							
	5	5							
	4	7							
	3	759			T/C				LF 760 LSP 2083
	2	761					13899 'A'		FF 761 FSP 2082
	1	3							
✓	2080	5	[redacted]	0709		7250		★	PORT INBOARD STRING IN
	9	7				2210			SHOOTING WITH 1390 IN³.
	8	9							
	7	771							SLOWING TO 600 PAIR.
	6	3							[redacted] TURNING PORT
	5	5							COMPRESSOR OFF TO
	4	7							CHECK OIL, ETC.
	3	9							
	2	781							PORT COMPRESSOR BACK
	1	3							ON LINE SPEED BACK
✓	2070	5	0716			7160			UP TO 700/725.
	9	7				2183			
	8	9							
	7	791							
	6	3							
	5	5							
	4	7							
	3	9							
	2	801							
	1	3							
✓	2060	5	0722			7125			
	9	7				2172			
	8	9							
	7	811							
	6	3							
	5	5							
	4	7							
	3	9							
	2	821			T/C				LF 822 LSP 2052
	1	3					[redacted]		FF 823 FSP 2051
✓	2050	825	0728			7010	13900 '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	1700

Pre-Plot	Shotpoint	File No.	Time	#1dir.	Cable Depth	W.D.	Reel No.	Line No.	Remarks
	2149	231 627		S/E	62,55,60,56		13896	5	RPM - 700/725
	8	9			60,57,55,56		'B'		HEAD - 343
	7	631			19 17 x 17		5844		T.B - N.U.
	6	3			18 17 x 17				S.O.B - 5.1(W.T.)
	5	5			T/C				LF 636 LSP 2145
	4	7					13897		FF 637 FSP 2144
	3	9					'A'		
	2	641							
	1	3							
✓	2140	5	0632			7490	5845		
	9	7				2284			
	8	9							
	7	651							
	6	3							
	5	5							
	4	7							
	3	9							
	2	661							
	1	3							
✓	2130	5	0639			7520			
	9	232 7				2293			
	8	9							
	7	671							
	6	3							
	5	5							
	4	7							
	3	9							
	2	681							
	1	3							
✓	2120	5	0645			7520			
	9	7				2293			
	8	9							
	7	691							
	6	3							
	5	5							
	4	7			T/C				LF 698 LSP 2114
	3	9					13898		FF 699 FSP 2113
5C	2	701					'B'		
	1	3							
✓	2110	5	0651			7500			
	9	R33 7				2287			
	8	9					5846		
	7	711							
	6	3							
	5	5							
	4	7							
	3	9							
	2	721							
	1	3							
✓	2100	725	0657			7500			

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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
	2199	527		SE	64,54,60,58		13895	5	RPM'S - 700/725
	8	9			63,56,55,56		A		HEADING - 340°
	7	531							TAILBUOY - N.U.
	6	3			20 16 x 18				SOB - 5.2 (W.T.)
	5	5			19 17 x 17				
	4	7					5843		
	3	9							
	2	541							
	1	3							
✓	2190	5	0559			7600'			
	9	R29 7				2317			
	8	9							
	7	551							
	6	3							
	5	5							
	4	7							
	3	9							
	2	561							
	1	3							
✓	2180	5	0605			7550			
	9	7				2302			
	8	9							
	7	571							
	6	3							
	5	5							
	4	7			T/C				LF 577 LSP 2174
	3	9					13896		FF 578 FSP 2174
	2	581					B		
	1	3							SPLIT SP 2174 ON TAPE ✓
✓	2170	5	0611			7525			
	9	R30 7				2294			
	8	9							
	7	591					5844		
	6	3							
	5	5							
	4	7							
	3	9							
	2	601							
	1	3							
✓	2160	5	0618			7500			SP 2160 — STARTED
	9	7				2287			11 SECOND RECORD. ✓
	8	9							
	7	611							
	6	3							
	5	5							
	4	7							
	3	9							
	2	621							
	1	3							
✓	2150	625	0626			7490			

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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
	2249	427		S/E	63,56,60,62		13893	5	RPM - 700/725
	8	9			64,59,56,56		'A'		HEAD - 341
	7	431							T.B - 10P
	6	3			19 17 x 19				S.O.R. - 5.2 (W.T.)
	5	5			20 18 x 17				
	4	7					5847		
	3	9							
	2	441							
	1	3							
✓	2240	5	0525			7800			
	9	7				2378			
	8	9							
	7	451							
	6	3							
	5	5							
	4	7							
	3	9							
	2	461							
	31	3			T/C				LF 464 LSP 2231
✓	2230	5	0532			7750	13894		FF 465 FSP 2230
	29	R21 7				2363	'B'		
	8	9							
	7	471							
	6	3					5842		
	5	5							
	4	7							
	3	9							
	2	481							
	1	3							
✓	2220	5	0538			7700			
	9	7				2348			
	8	9							
	7	991							
	6	3							
	5	5							
	4	7							
	3	9							
	2	501							
	1	3							
✓	2210	5	0545			7650			
	9	R28 7				2332			
	8	9							
	7	511							
	6	3							
	5	5							
	4	7							
	3	9			T/C		13894		LF-520 LSP-2203
	2	521					13895		FF-521 FSP-2202
	1	3					A		
✓	2200	525	0552			7625			

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OBSERVERS MARINE REPORT

digicon inc. # 511

Client	USGS	Type instrument	DFS III	Offset distance	113A'
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
	2299	327		S/E	61,54,60,56		13891	5	RPM - 700/725
	8	9			62,56,57,57		A		HEAD - 345°
	7	331							T.B. - 0°
	6	3			19 16 x 17				S.O.R. - 52 (W.T)
	5	5			19 17 x 17				
	4	7					5839		
	3	9							
	2	341							
	1	3							
✓	2290	5	0454			7930			
	9	7				2418			
	8	9							
	7	351			T/C				LF 352 LSP 2287
	6	3					13892 'B'		FF 353 FSP 2286
	5	5							
	4	7							
	3	9							
	2	361					5840		FILE #361 HAD NO TRIP DELAY. BA CARD BEING CHANGED IN FORMAT?
	1	3							
✓	2280	5	0500			7920			
	9	7				2415			
	8	9							
	7	371							
	6	3							
	5	5							
	4	7							
	3	9							
	2	381							
	1	3							
✓	2270	5	0506			7910			
	9	7				2412			
	8	9							
	7	391							
	6	3							
	5	5							
	4	7							
	3	9							
	2	401							
	1	3							
✓	2260	5	0513			7890			
	9	7				2399			
	8	9			T/C				LF 409 LSP 2258
	7	411					13893 'A'		FF 410 FSP 2258
	6	3							
	5	5							
	4	7					5841		
	3	9							
	2	421							
	1	3							
✓	2250	425	0519			7870			

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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 AINES | gun depth 30' | in.³ of guns 1700

Pre-Plot	Shotpoint	File No.	Time	#Idir.	Cable Depth	W.D.	Reel No.	Line No.	Remarks
	2349	R221		SE	62,55,60,58		13889	5	RPM - 700/725
	8	9			64,56,54,56		A		HEAD - 346°
	7	231							T.B. - N.V.
	6	3			19 17 x 18		5837		S.O.B. - 5.1 (W.T.)
	5	5			20 17 x 17				
	4	7							
	3	9			T/		13889		LF - 240 LSP - 2343
	2	241			/C		13890		FF - 241 FSP - 2342
	1	3					B		
✓	2340	5	0423			8230'			
	9	7				2509		✓	
	8	9					5838		
	7	251							
	6	3							
	5	5							
	4	7							
	3	9							
	2	261							
	1	3							
✓	2330	5	0429			8210'			
	9	R222 7				2503			
	8	9							
	7	271							
	6	3							
	5	5							
	4	7							
	3	9							
	2	281							
	1	3							
✓	2320	5	0435			8200'			
	9	7				2500			
	8	9							
	7	291							
	6	3							
	5	5			T/		13890		LF - 296 LSP - 2315
	4	7			/C		13891		FF - 297 FSP - 2314
	3	9					A		
	2	301							
	1	3							
✓	2310	5	0441			8190'	5839		
	9	R223 7				2476			
	8	9							
	7	311							
	6	3							
	5	5							
	4	7							
	3	9							
	2	321							
	1	3							
✓	2300	325	0448			8100			

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OBSERVERS MARINE REPORT

digicon inc. # 511

Client USGS | Type instrument BFS 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	#Idir.	Cable Depth	W.D.	Reel No.	Line No.	Remarks
	2399	127		S/E	T/		13887	5	RPM - 700/725
	8	9			/C		13888		HEAD - 345°
	7	131					B		T.B. - 1° STB.
	6	3			61,54,60,56				S.O.B - 5.1 (W.T.)
	5	5			63,56,55,57				
	4	7							LF - 128 LSP - 2399
	3	9			19 16 x 17		5836		FF - 129 FSP - 2398
	2	141			19 17 x 17				
	91	3							
✓	2390	5	0352			8410			
	89	R19 7				2564			
	88	9							
	7	151							
	6	3							
	5	5							
	4	7							
	3	9							
	2	161							
	1	3							
✓	2380	5	0358			8380			
	79	7				2555			
	78	9							
	77	171							
	6	3							
	5	5							
	4	7							
	3	9							
	2	181							
	1	3			T/		13888		LF - 184 LSP - 2371
✓	2370	5	0404		/C	8350	13889		FF - 185 FSP - 2370
	9	R20 7				2546	A		
	8	9							
	7	191							
	6	3					5837		
	5	5							
	4	7							
	3	9							
	2	201							
	1	3							
✓	2360	5	0410			8290			
	9	7				2527			
	8	9							
	7	211							
	6	3							
	5	5							
	4	7							
	3	9							
	2	221							
	1	3							
✓	2350	225	0416			8250			

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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
	2449	R16 027		SE	61,54,60,58		13886	5	RPM'S - 700/725
	8	9			62,55,55,56		B		HEADING - 345°
	7	031							TAILBUOY - N.O.
	6	3			19 16 x 18				SOB - 5.1 (W.T.)
	5	5			19 17 x 17				
	4	7					583A		
	3	9							
	2	041							
	1	3							
✓	2440	5	0320			8720'			
	9	7				2659			
	8	9							
	7	051							
	6	3							
	5	5							
	4	7							
	3	9							
	2	061							
	1	3							
✓	2430	5	0327			8625			
	9	R17 7				2630			
	8	9							
	7	071			T/C		13886		LF - 072 LSP - 2027
	6	3					13887		FF - 073 FSP - 24-26
	5	5					A		
	4	7							
	3	9							
	2	081					583		
	1	3							
✓	2420	5	0333			8600			
	9	7				2622			
	8	9							
	7	091							
	6	3							
	5	5							
	4	7							
	3	9							
	2	101							
	1	3							
✓	2410	5	0340			8550			
	9	R18 7				2607			
	8	9							
	7	111							
	6	3							
	5	5							
	4	7							
	3	9							
	2	121							
	1	3							
✓	2400	125	0346			8500			

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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
	2499	927		SE	62,57,59,56		13884	5	RPM - 700/725
	8	9			61,59,57,58		B		HEAD - 342
	7	931							T.B. - N.V.
	6	3			19 17 x 17				S.O.B. - 51 (W.T.)
	5	5			19 18 x 18				
	4	R14 7							
	3	9					5837		
	2	941							
	1	3							
✓	2490	5	0248			8975			
	9	7				2736			
	8	9							
	7	951							
	6	3							
	5	5							
	4	7							
	3	9			T/C				LF 960 LSP 2483
	2	961					13885 A		FF 961 FSP 2482
	1	3							
✓	2480	5	0255			8930			FILE 960 - SHORT FILE
	9	7				2723			
	8	9					5833		
	7	971							
	6	3							
	5	5							
	4	7							
	3	9							
	2	981							
	1	3							
✓	2470	5	0302			8850			
	9	R14 7				2698			
	8	9							
	7	991							
	6	3							
	5	5							
	4	7							
	3	9							
	2	001							
	1	3							
✓	2460	5	0308			8760			
	9	7				2671			
	8	9							
	7	011							
	6	3							
	5	5			T/C		13886		LF - 016 LSP - 2455
	4	7					13886 B		FF - 017 FSP - 2454
	3	9							
	2	021							
	1	3					5834		
✓	2450	025	0314			8750			

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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 1760

Pre-Plot	Shotpoint	File No.	Time	#Idir.	Cable Depth	W.D.	Reel No.	Line No.	Remarks
	2549	827		S/E	62,56,60,56		13882	5	RPM - 700/725
	8	9			62,58,56,57		B		HEAD - 343°
	7	831			19 17 x 17				T.B. - N.U.
	6	3			19 18 x 17				S.O.B. - 5.2 (W.T.)
	5	5					5830		
	4	7							
	3	9							
	2	841							
	1	3							
✓	2540	5	0217		T/C	9160'	13882		LF - 846 LSP - 2540
	9	7				2787	13883		FF - 847 FSP - 2539
	8	9					A		
	7	851							
	6	3					5831		
	5	5							
	4	7							
	3	9							
	2	861							
	1	3							
✓	2530	5	0223			9125'			
	9	7				2782			
	8	9							
	7	871							
	6	3							
	5	5							
	4	7							
	3	9							
	2	881							
	1	3							
✓	2520	5	0229			9100			
	9	7				2774			
	8	9							
	7	891							
	6	3							
	5	5							
	4	7							
	3	9							
	2	901			T/C				LF 902 LSP 2512
	1	3					13884		FF 903 FSP 2511
✓	2510	5	0236			9040	B		
	9	7				2756			
	8	9							
	7	901					5832		
	6	3							
	5	5							
	4	7							
	3	9							
	2	921							
	1	3							
✓	2500	925	0243			9000			

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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
	2599	727		S/E	61,54,58,60		13880	5	RPM - 700/725
	8	9			63,58,56,57		B		HEAD - 345°
	7	731					5824		T.B. - 1° STB
	6	3			T/C		13880		S.O.B. - 5.2 (W.T.)
	5	5					13881		
	4	7					A		
	3	9			19 16 x 18				LF - 734 LSP - 2596
	2	741			19 18 x 17				FF - 735 FSP - 2595
	1	3					5824		
✓	2590	5	0144			9400'			
	9	R9 7				2866			
	8	9							
	7	751							
	6	3							
	5	5							
	4	7							
	3	9							
	2	761							
	1	3							
✓	2580	5	0151			9375'			
	9	7				2858			
	8	9							
	7	771							
	6	3							
	5	5							
	4	7							
	3	9							
	2	781							
	1	3							
✓	2570	5	0157			9370'			
	9	R10 7				2857			
	8	9			T/		13881		LF - 790 LSP - 2568
	7	791			/C		13882		FF - 791 FSP - 2567
	6	3					B		
	5	5							
	4	7							
	3	9					5830		
	2	801							
	1	3							
✓	2560	5	0204			9290'			
	9	7				2832			
	8	9							
	7	811							
	6	3							
	5	5							
	4	7							
	3	9							
	2	821							
	1	3							
✓	2550	825	0210			9250'			

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OBSERVERS MARINE REPORT

digicon inc. # 511

Client USGS | Type instrument PRS 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
	2649	627		S/E	62,54,60,58		13879	5	RPM - 700/725
	8	9			64,58,55,56		A		HEAD - 346°
	7	631			19 16 x 18				T.B. - 0°
	6	3			20 18 x 17				S.O.B. - 5.2 (W.T.)
	5	5							
	4	7					5827		
	3	9							
	2	641							
	1	3							
✓	2640	5	0111			9140			
	9	7				2961			
	8	9							
	7	651							
	6	3							
	5	5							
	4	7							
	3	9							
	2	661							
	1	3							
✓	2630	5	0118			9625			SPLIT SP# 2624 DUE
	9	27 7				2934			TO TAPE CHANGE. ✓
	8	9							
	7	671							
	6	3							
	5	5			T/C		13879		LF-677 ESP-2624
	4	7							
	3	9					13880		FF-678 FSP-2624
	2	681					B		
	1	3							
✓	2620	5	0124			9520			
	9	7				2992	5826		
	8	9							
	7	691							
	6	3							
	5	5							
	4	7							
	3	9							
	2	701							
	1	3							
✓	2610	5	0131			9500			
	9	28 7				2896			
	8	9							
	7	711							
	6	3							
	5	5							
	4	7							
	3	9							
	2	721							
	1	3							
✓	2600	725	0138			9380'			

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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	#Idir.	Cable Depth	W.D.	Reel No.	Line No.	Remarks
	2699	527		S/E	62,55,61,56		13877	5	RPM - 700/725
	8	9			63,57,56,59		A		HEAD - 343
	7	531			19 17 x 17				T.B. - 0°
	6	3			19 17 x 18				S.O.R. - 5.2 (W.T.)
	5	5							
	4	7					5825		
	3	9							
	2	541							
	1	3							
V	2690	5	0039			9,880			
	9	BY 7				3012			
	8	9							
	7	551							
	6	3							
	5	5							
	4	7							
	3	9							
	2	561							
	1	3			T/C		13877		LF - 564 LSP - 2681
V	2680	5	0046			9860	13878		FF - 565 FSP - 2680
	9	7				3006	B		
	8	9							
	7	571							
	6	3					5826		
	5	5							
	4	7							
	3	9							
	2	581							
	1	3							
V	2670	5	0053			9,840			
	9	BY 7				3000			
	8	9							
	7	591							
	6	3							
	5	5							
	4	7							
	3	9							
	2	601							
	1	3							
	2660	5	0058			9790			
	9	7				2985			
	8	9							
	7	611							
	6	3							
	5	5							
	4	7							
	3	7			T/C		13878		LF - 620 LSP - 2653
	2	621					13879		FF - 621 FSP - 2652
	1	3					A		
V	2650	625	0105			9780			

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OBSERVERS MARINE REPORT

digicon inc. # 511

Client USGS ~~ECTS-74~~ Type instrument DFS III Offset distance 346'/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
	2749	427	0000	S/E	61,54,60,57		13875	5	RPM - 725/700
	8	9			62,58,57,58		"A"		HEADING - 347°
	7	431			19 16 x 17				T.B. - N.V.
	6	3			19 18 x 18				S.O.B. - 5.1 (W.T.)
	5	5							
	4	7					5823		
	3	9							PICKING UP SCREW
	2	441							NOISE.
	1	3							
✓	2740	5	0005			10,020			
	9	7				3055			
	8	9							
	7	451							
	6	3			T/C		13875		LF - 454 LSP - 2736
	5	5					13876		FF - 455 FSP - 2735
	4	7					B		
	3	9							
	2	461							
	1	3					5824		
✓	2730	5	0012			10,000			
	9	D2 7				3049			
	8	9							
	7	471							
	6	3							
	5	5							
	4	7							
	3	9							
	2	481							
	1	3							
✓	2720	5	0019			10,000			SP# 2720 - BEGIN USING
	9	7				3049			12 SECOND RECORDS - ✓
	8	9							
	7	491							
	6	3							
	5	5							
	4	7							
	2713	9							
	2712	501							
	2711	3							
✓	2710	5	0025			9,990			
	2709	D3 7			T/C	3046	13876		LF - 508 LSP - 2709
	08	9					13877		FF - 509 FSP - 2708
	7	511					A		
	6	3							
	5	5					5825		
	4	7							
	3	9							
	2	521							
	1	3							
✓	2700	525	0032			9,900			

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(2)

M/V Gulf Seal

digicon inc.
HOUSTON, TEXAS

MARINE LOG

Type Coverage 36 Fold

Shot Point Spacing 328'

Date 12 Sept 74

Area USGS Georges Bank

Party No. 511 2-249

TIME	LINE	SHOT POINTS	DIR	TOTAL SHOT POINTS	MILES	OTHER TIMES: TRAVEL	LINE CHANGE	DOWN	SURV.	Chargeable TIME	REMARKS
24:00 / cont	5	536 / 2749	N/W	2214	137.52						Pulled Guns
											one String at
											a Time For Repair
											Everything O.K.
											Weather Good.
											Cable + Guns Good
											Maneuver on 100
											Fathom Bank To
											Avoid Lobster Pots.
									TOTALS		
				2214	137.52						

Done

Reels Segy

5-16

|

5-21

* + 5-20A 3578

|

3636

TOTAL MEN 26

TOTAL MEALS 78

ACC. MILES PROSPECT 4522

ACC. MILES FOR MONTH 5180

PARTY MANAGER

522-10-68

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digicon inc. # 511

OBSERVERS MARINE REPORT

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
	2762	401		S/E			13874	5	RPM 700/725
	1	3					"B"		HEADING
✓	2760	5	2354			10,125			T.B. N.V
	9	7				3129			S.O.B.
	8	9							
	7	411			T/C				LSP 2762 LF 402
	6	3					13875		FSP 2761 FF 403
	5	5					A		
	4	7							PICKING UP SCREW
	3	9							NOISE
	2	421							
	1	3							
✓	2750	5				10,075			EOL SP 2750
					END OF DAY				
						3071			

DATE 9/11/74

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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
	2812	301		S/E	63, 57, 60, 58		13873	5	RPM 700/725
	1	3			64, 58, 57, 56		"A"		HEADING 345°
✓	2810	5	2321		19 17 · 16	10,250			T. B. N.V.
	9	7			20 18 · 17				S.O.B. 5.1 W.T.
	8	9							
	7	311					5821		SONO BUOY OVER
	6	3							SP- 2810
	5	5							
	4	7							
	3	9							
	2	321							
	1	3							
✓	2800	5	2329			10,175'			
	9	7				3102			
	8	9							
	7	331							
	6	3							
	5	5							
	4	7							
	3	9							
	2	341							
	1	3							
✓	2790	5	2335			10,175'			
	9	7							
	8	9			T/C				LSP # 2788 LC # 350
	7	351					13874		FSP # 2787 FF # 351
	6	3					"B"		
	5	5							
	4	7							
	3	9					5822		
	2	361							
	1	3							
✓	2780	5	2342			10,150'			
	9	7				3095			
	8	9							
	7	371							
	6	3							
	5	5							
	4	7							
	3	9							
	2	381							
	1	3							
✓	2770	5	2348			10,125			
	9	7				3087			
	8	9							
	7	391							
	6	3							
	5	5							
	4	7							
	2763	9							

DATE 9/11/24

OBSERVERS MARINE REPORT

digicon inc. # 511

Client USGS | Type instrument OFS 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
	2862	D28201		S/E	63,57,60,56		13871	5	RPM 700/725
	1	3			63,67,66,69		"A"		HEADING 345°
✓	2860	5	2251		17 · 17	10,375			T.B. N.V.
	9	7			19 20 · 20				S.O.B. 5.1 W.T.
	8	9							
	7	211							
	6	3					5810		
	5	5							
	4	7							
	3	9							
	2	221							
	1	3							
✓	2850	5	2257			10,375			
	9	7							
	8	9							
	7	231							
	6	3							
	5	5							
	4	7							
	3	9							
	2	D28241							
	1	3							
✓	2840	5	2303		T/C	10,250	13871		LSP# 2840 LF# 246
	9	7				3125	13872		FSP# 2839 FF# 247
	8	9					"B"		
	7	251							
	6	3					5820		
	5	5							
	4	7							
	3	9							
	2	261							
	1	3							
✓	2830	5	2309			10,250			
	9	7							
	8	9							
	7	271							
	6	3							
	5	5							
	4	7							
	3	9							
	2	D30281							
	1	3							
✓	2820	5	2315			10,250			
	9	7							
	8	9							
	7	291							
	6	3							
	5	5							
	4	7			T/C		13872		LSP# 2814 LF# 298
	2813	9					13873		FSP# 2813 FF# 299

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"A" 5821

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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 1320

Pre-Plot	Shotpoint	File No.	Time	#1dir.	Cable Depth	W.D.	Reel No.	Line No.	Remarks
	2912	101		S/E	64, 56, 60, 57		13869	5	RPM 700/725
	1	3			65, 53, 58, 57		"A"		HEADING 343°
✓	2910	5	2220		20 17 17	10480			T.B. N.V.
	9	7			20 19 17	3195			S.O.B. 5.2
	8	9							
	7	111					5817		
	6	3							
	5	5							
	4	7							
	3	9							
	2	RP 121							
	1	3							
✓	2900.	5	2226			10,400'			
	9	7				3171			
	8	9							
	7	131							
	6	3							
	5	5							
	4	7							
	3	9							
	2	141			T/C				LSP# 2892 LF# 142
	1	3					13870		FSP# 2891 FF# 143
✓	2890	5	2232			10,400'	"B"		
	9	7							SHOOTING 1200 IN#
	8	9							
	7	151					5818		
	6	3							
	5	5							
	4	7							
	3	9							
	2	RP 161							
	1	3							
✓	2880	5	2239			10,375			
	9	7				3163			
	8	9							
	7	171							
	6	3							
	5	5							
	4	7							
	3	9							
	2	181							
	1	3							
✓	2870	5	2244			10,375			
	9	7							
	8	9							
	7	191							
	6	3			T/C				LSP# 2866 LF# 194
	5	5					13871		FSP# 2865 FF# 195
	4	7					"A"		
	2863	9					5819		

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OBSERVERS MARINE REPORT

digicon inc. # 511

Client USGS | Type instrument DFS - III | Offset distance 1134'

Area GEORGES BANK | Record filter 8/18/16-2 | 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	#Idir.	Cable Depth	W.D.	Reel No.	Line No.	Remarks
	2962	001		S/E	64, 53, 60, 58		13867	5	RPM 725/725
	1	3			64, 56, 56, 57		"A"		HEADING 343°
✓	2960	5	2151		20 16 18	10625'			T.B. N.U.
	9	7			20 17 17	3239			S.O.B. 5.0
	8	9							
	7	011							
	6	3					816		
	5	5							
	4	7							
	3	9							
	2	021							
	1	3							
✓	2950	5	2157			10600'			
	9	7				3232			SHOOTING 1320 IN^3
	8	9							
	7	031							
	6	3							
	5	5							
	4	7			T/C				LSP# 2944 LF# 038
	3	9					13868		FSP# 2943 FF# 039
	2	R24 041					"B"		
	1	3							REDUCE 25 RPM ON ONE
✓	2940	5	2203			10500'			700/725
	39	7				3201			
	8	9					816		
	7	051							
	6	3							
	5	5							
	4	7							
	3	9							
	2	061							
	31	3							
✓	2930	5	2209			10,500'			
	29	7							
	8	9							
	7	071							
	6	3							
	5	5							
	4	7							
	3	9							
	2	R24 081							
	1	3							
✓	2920	5	2214			10,500'			
	9	7							
	8	9			T/C		13868		LSP# 2918 LF# 090
	7	091					13869		FSP# 2917 FF# 091
	6	3					"A"		
	5	5							
	4	7					817		
	2913	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 1350

Pre-Plot	Shotpoint	File No.	Time	#Idir.	Cable Depth	W.D.	Reel No.	Line No.	Remarks
	3012	901		S/E	64, 57, 60, 56		13965	5	RPM 750/925
	1	3			61, 58, 57, 56		"A"		HEADING 342°
✓	3000	5	2122		20 17 . 17	11,750'			T.B N.W.
	9	7			19 18 . 17	3277			S.O.B. S.O W.T.
	8	9							
	7	911							
	6	3							
	5	5					5813		
	4	7							
	3	9							
	2	R2 921							
	1	3							
✓	3000.	5	2127			11,700'			
	9	7				3567			
	8	9							DECREASE SPEED 25 RPM
	7	931							ON ONE ENGINE
	6	3			T/C				LSP# 2996 LF# 934
	5	5					13966		FSP# 2995 FF# 935
	4	7					B		
	3	9							SHOOTING 1700
	2	941					5814		
	1	3							
✓	2990	5	2132			11,700'			
	9	7							
	8	9							
	7	951							
	6	3							
	5	5							SHOOTING 1620
	4	7							
	3	9							
	2	R2 961							
	1	3							
✓	2980.	5	2139			11,675'			
	9	7				3559			
	8	9							
	7	971							
	6	3							
	5	5							
	4	7							
	3	9							
	2	981							SHOOTING 1700
	1	3							
✓	2970	5			T/C				LSP# 2970 LF# 986
	9	7					13967		FSP# 2969 FF# 997
	8	9					"A"		
	7	991							
	6	3					5815		
	5	5							
	4	7							
	2963	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 1400

Pre-Plot	Shotpoint	File No.	Time	#1dir.	Cable Depth	W.D.	Reel No.	Line No.	Remarks
	3062	901		S/E	64, 57, 60, 56		13863	5	RPM's 750/775
	1	3			63, 58, 57, 56		"A"		HEADING 342°
✓	3060	5	2054		20 17 x 17	10,875			T.B. N.V.
	9	7			19 18 x 17				S.O.B. 5.2
	8	9							
	7	911					5811		PICKING up SCREW NOISE
	6	3							
	5	5							
	4	7							
	3	9							
	2	821							
	1	3							
✓	3050	5	2059			10,875			
	9	7							
	8	9			T/C				LSP # 3048 LF 830
	7	931					13864		FSP # 3047 FF 831
	6	3					"B"		
	5	5							
	4	7					5812		
	3	9							
	2	941							
	1	3							
✓	3040	5	2105			~~10750~~			
	9	7				10,900			SHOOTING 1390
	8	9				3213			
	7	851							
	6	3							
	5	5							
	4	7							
	3	9							
	2	861							
	1	3							
✓	3030	5	2110			10,900			
	9	7							
	8	9							
	7	871							
	6	3							
	5	5							
	4	7							
	3	9							
	2	881			T/C		13864		LSP # 3022 LF 882
	1	3					13865		FSP # 3021 FF 883
✓	3020	5	2116			10750	"A"		
	9	7				3277			
	8	9					5813		
	7	891							
	6	3							
	5	5							
	4	7							
	3013	9							

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OBSERVERS MARINE REPORT

digicon inc. # 511

Client USGS | Type instrument DFS-III | Offset distance 11341

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 1350

Pre-Plot	Shotpoint	File No.	Time	#1 dir.	Cable Depth	W.D.	Reel No.	Line No.	Remarks
	3112	701		S/L	63,56,60,57		13861	5	RBM- 750/775
	1	3			63,58,57,56		"A"		HEADING 340°
✓	3110	5	2023		19 17 x 17	10,890			TB. N.V.
	9	7			19 18 x 17				SOB. 5.3 W.T.
	8	9							
	7	711					~~5809~~		
	6	3							
	5	5							
	4	7							
	3	9							
	2	R16 721							
	1	3							
✓	3100	5	2029		T/C	10,875	13861		LSP# 3100 LF# 726
	9	7				3316	13862		FSP# 3099 FF# 727
	8	9					"B"		
	7	731							
	6	3					5810		SHOOTING 1400 IN^3
	5	5							
	4	7							
	3	9							
	2	741							
	1	3							
✓	3090	5	2036			10,875			
	9	7							
	8	9							
	7	751							
	6	3							
	5	5							
	4	7							
	3	9							
	2	R17 761							
	1	3							
✓	3080	5	2042			10,875			
	9	7							
	8	9							
	7	771							
	6	3							
	5	5							
	4	7			T/C				LSP# 3074 LF# 778
	3	9					13863		FSP# 3073 FF# 779
	2	781					"A"		
	1	3							
✓	3070	5	2048			10,875	5811		
	9	7							
	8	9							
	7	791							
	6	3							
	5	5							
	4	7							
	3063	799							

DATE 9-11-74

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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
	3162	DN 601		S/E	63,58,60,58		13859	5	RPM 750/775
	1	3			62,57,56,54		"A"		HEADING 343°
✓	3160	5	1953		19 18 x 18	11,000'			T.B N.V.
	9	7			19 17 x 16				S.O.B. 5.4 W.T.
	9	9							
	7	611					5807		
	6	3							
	5	5							
	4	7							
	3	9							
	2	621			1/c		13859		LSP# 3152 LF# 622
	1	3					13860		FSP# 3151 FF# 623
✓	3150	5	1959			11,000'	"B"		
	9	7							
	8	9							
	7	631					5808		
	6	3							
	5	5							
	4	7							
	3	9							
	2	DN 641							
	1	3							
✓	3140	5	2005			11,000'			
	9	7							
	8	9							
	7	651							
	6	3							
	5	5							
	4	7							
	3	9							
	2	661							
	1	3							
✓	3130	5	2011			11,000'			
	9	7							SHOOTING WITH 1350 IN³
	8	9							PULLING GUNS TO CHECK
	7	671							THEM
	6	3			1/c		13860		LSP# 3126 LF# 674
	5	5					13861		FSP# 3125 FF# 675
	4	7					"A"		
	3	9							
	2	DN 681					5809		
	1	3							
✓	3120	5	2017			10,890'			
	9	7				3320			
	8	9							
	7	691							
	6	3							
	5	5							
	4	7							
	3113	699							

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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
	3212	501		S/E	63,58,60,58		13857	5	RPM 50/75
	1	3			62,57,56,54		"A"		HEADING 343°
✓	3210	5	1921		18 x 18	11125			T.B. N.V.
	9	7			17 x 16				S.O.B. 5.0 (WT.)
	8	9							
	7	511					5805		
	6	3							
	5	5							
	4	7			T/C		13857		LAST FILE 518 Sp 3204
	3	9					13858		FIRST FILE 519 Sp 3203
	2	R" 521					"B"		
	1	3							
✓	3200	5	1928			11125	5806		
	9	7							
	8	9							
	7	531							
	6	3							
	5	5							
	4	7							
	3	9							
	2	541							
	1	3							
✓	3190	5	1934			11125			
	9	7							
	8	9							
	7	551							
	6	3							
	5	5							
	4	7							
	3	9							
	2	R" 561							
	1	3							
✓	3190	5	1940			11,000			FILE 565 Parity Errors?
	9	7				3354			
	8	9			T/C		13859		LSP # 3178 LF # 570
	7	571					13859		FSP # 3177 FF # 571
	6	3					"A"		
	5	5							
	4	7							
	3	9					5807		
	2	581							
	1	3							
✓	3170	5	1946			11,000			
	9	7							
	8	9							
	7	591							
	6	3							
	5	5							
	4	7							
	3163	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 4ms. | Fold coverage 36

Observer Mr. Daniel | gun depth 30' | in.^{3} of guns 1700

Pre-Plot	Shotpoint	File No.	Time	#Idir.	Cable Depth	W.D.	Reel No.	Line No.	Remarks
	3262	28 401		S/E	63,57,60,60		13855	5	RPM 750/775
	1	3			62,58,57,57		"A"		HEADING 343°
✓	3260	5	18:49		19 17 18	11250'			T.B. N.V.
	9	7			19 17 17		14986		S.O.B. 4.7.W.T.
	8	9							
	7	411			T/C				LSP# 3257 LF# 412
	6	3					13856		FSP# 3256 FF# 413
	5	5					"B"		
	4	7							
	3	9					5804		
	2	421							
	1	3							
✓	3250	5	18:56			11175'			
	9	7				3407			
	8	9							
	7	431							
	6	3							
	5	5							
	4	7							
	3	9							
	2	29 441							
	1	3							
✓	3240	5	19:02			11175'			
	9	7							
	8	9							
	7	451							
	6	3							
	5	5							
	4	7							
	3	9							
	2	461							
	3231	3			T/C		13856		LAST FILE 464 SP 3231
✓	3230	5	1908			11175	13857		FIRST FILE 465 SP 3230
	3229	7				3401	"A"		
	8	9							
	7	471					5805	✓	
	6	3							
	5	5							
	4	7							
	3	9							
	2	210 481							
	1	3							
✓	3220	5	1915			11125			
	9	7				3392			
	8	9							
	7	491							
	6	3							
	5	5							
	4	7							
	3213	9							

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OBSERVERS MARINE REPORT

digicon inc. # 511

Client	USGS	Type instrument	OFS - 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	#Idir.	Cable Depth	W.D.	Reel No.	Line No.	Remarks
	3312	301		S/E	63,58,60,58		13853	5	RPM 750/775
	1	3			63,58,57,57		"A"		HEADING 343°
✓	3310.	5	18:16		19 18 18	11300'			T.B N.V.
	9	7			19 18 17				S.O.B. 5.0
	8.	9					5802		
	7.	311			T/C				LSP# 3309 LF# 308
	6.	3					13854		FSP# 3308 FF# 309
	5.	5					"B"		
	4.	7							SONO Buoy OVER
	3.	9							
	2	321					5803		
	1	3							
✓	3300.	5	18:23			11300'			
	9	7							
	8	9							
	7	331							
	6	3							
	5	5							
	4	7							
	3	9							
	2	341							
	1	3							
✓	3290	5	18:29			11250'			
	9	7				3811			
	8	9							
	7	351							
	6	3							
	5	5							
	4	7							
	3	9			T/C				LSP# 3293 LF# 360
	2	361					13855		FSP# 3282 FF# 361
	1	3					"A"		
✓	3280	5	18:36			11250'			
	9	7							
	8	9					14986		
	7	371							
	6	3							
	5	5							
	4	7							
	3	9							
	2	381							
	1	3							
✓	3270	5	18:43			11250'			
	9	7							
	8	9							
	7	391							
	6	3							
	5	5							
	4	7							
	3263	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 1700^{3}IN

Pre-Plot	Shotpoint	File No.	Time	#Idir.	Cable Depth	W.D.	Reel No.	Line No.	Remarks
	3362	R3 201		S/E	63,58,60,58		13851	5	RPM 775 PR.
	1	3			63,58,57,57				HEADING 330 3390
✓	3360	5	17:43		14 18 16 16	11500'	A		T.B. N.J.
	9	7			19 18 17 17				S.O.B. 6
	8	9			C		S800		MISSED # FILE # 205 ✓
	7	211							DUE TO TAPE CHANGE
	6	3							
	5	5							LSP # 3361 LF# 204
	4	7					13852		FSP # 3360 FF# 206
	3	9					B		
	2	221							
	1	3					S801		
✓	3350	5	17:49			11500'			
	9	7							
	8	9							
	7	231							
	6	3							
	5	5							
	4	7							
	3	9							
	2	R4 241							
	1	3							
✓	3340	5	17:56			11500'			
	9	7							
	8	9							
	7	251							
	6	3							
	5	5			T/C				LSP # 3335 LF# 256
	4	7					13853		FSP # 3334 FF# 257
	3	9					"A"		
	2	261							
	1	3							
✓	3330	5	18:02			11375'			
	9	7				3408	S802		
	8	9							
	7	271							
	6	3							
	5	5							
	4	7							
	3	9							
	2	R5 281							INCREASE SPEED 25RPM
	1	3							ON ONE ENGINE
✓	3320	5	18:09			11300'			
	9	7				3445			
	8	9							
	7	291							
	6	3							
	5	5							
	4	7							
	3313	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 1700

Pre-Plot	Shotpoint	File No.	Time	#Idir.	Cable Depth	W.D.	Reel No.	Line No.	Remarks
	3412	101		S/E	62,57,61,57		13850	5	RPM 725
	1	3			63,58,52,57		"B"		HEADING 332°
✓	3410	5	1706		19 17 x 17	11650'			T.B. N.V.
	9	7			19 18 x 17	3552			S.O.B. 4.8 W.T.
	8	9					5900		
	7	111							
	6	3							
	5	5							
	4	7							
	3	9							
	2	121				STOP			
SK	1	3							
✓	3400	5	1712			11625			START
	9	7				3544			
SK	8	9							
	7	131							
	6	3							
	5	5							
	4	7							
	3	9							
	2	141							
	1	3							
✓	3390	5	1720			11625'			
	9	7				3541			
	8	9							
	7	151			T/C		13850		LAST FILE 152 SP 3387
	6	3					13851		FIRST FILE 153 SP 3386
	5	5					"A"		
	4	7					5900		
	3	9							
	2	RV 161							
	1	3							
✓	3380	5	1727			11500'			
	9	7				3506			
	8	9							
	7	171							
	6	3							
	5	5							
	4	7							
	3	9							
	2	181							
	1	3							
✓	3370	5	1735			11,500'			
	9	7				3506			
	8	9							
	7	191							
	6	3							
	5	5							
	4	7							
	3363	199							

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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
	3462	001		S/E	62,57,60,56		13848	5	RPM 725
	1	3		S/E	61,58,56,57		'B'		HEADING 339°
✓	3460	5	16:33			11875'			T.B N.V.
	9	7				3620			S.O.B. 5.0
	8	9					5798		
	7	011							
	6	3							
	5	5							
	4	7							
	3	9							
	2	RH 021							
	1	3							
✓	3450	5	16:40			11875'			
	9	7				3620			
	8	9							
	7	031							
	6	3							
	5	5							
	4	7							
	3	9							
	2	041							
	1	3							
✓	3440	5	16:46			11750'			
	9	7			T/C	3582			LSP# 3439 LF# 048
	8	9					13849		FSP# 3438 FF# 049
	7	051					A		
	6	3							
	5	5					5799		
	4	7							
	3	9							
	2	RH 061							
	1	3							
✓	3430	5	16:53			11700'			
	9	7				3567			
	8	9							
	7	071							
	6	3							
	5	5							
	4	7							
	3	9							
	2	081							
	1	3							
✓	3420	5	16:59			11625'			
	9	7				3544			
	8	9							
	7	091							
	6	3							
	5	5							
	4	7			T/C				LSP # 3413 LF# ~~099~~ 100
	3413	9					13850		FSP # 3412 FF# 101

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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
	3512	R11 901		S/E	63, 57, 60, 55		13846	5	RPM 725
	1	3			60, 58, 57, 57		B		HEADING 331°
✓	3510	5	1601			12087			T.B. N.V.
	9	7				3685			S.O.B. 4.2
	8	9					5996		
	7	911							
	6	3							
	5	5							
	4	7							
	3	9							
	2	921							
	1	3							
✓	3500	5	16:07			12004'			
	9	7				3660			
	8	9							
	7	931							
	6	3							
	5	5							
	4	7							
	3	9							
	2	R12 941							
✓	1	3			T/C				LSP# 3491 LF# 944
✓	3490	5	16:14			12004'	13847		FSP# 3490 FF# 945
	9	7				3660	"A"		
	8	9							
	7	951							
	6	3					5997		
	5	5							
	4	7							
	3	9							
	2	961							
	1	3							
✓	3490	5	16:20			12004'			
	9	7				3660			
	8	9							
	7	971							
	6	3							
	5	5							
	4	7							
	3	9							
	2	R13 981							
	1	3							
✓	3470	5	16:27			11920'			
	9	7				3634			
	8	9							
	7	991							
	6	3							
	5	5			T/				LSP# 3465 LF# 996
	4	7			/C		13848		FSP# 3464 FF# 997
	3463	9					"B"		

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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	1700		

Pre-Plot	Shotpoint	File No.	Time	#Idir.	Cable Depth	W.D.	Reel No.	Line No.	Remarks
	3562	801		S/E	62.57,60.57		13844	5	RPM 725
	1	3			63,58,59,57		"B"		HEADING 330°
✓	3560	5	15:26			12254'			T.B N.V.
	9	7			19	3736			S.O.B. 4.7
	8	9							
	7	811					5794		
	6	3							
	5	5							
	4	7							
	3	9							
	2	821							
	1	3							
✓	3550.	5	15:33			12254'			
	9	7				3736			
	8	9							
	7	831							
	6.	3							
	5.	5							
	4.	7							
	3.	9			T/C				LSP# 3543 LF# 940
	2	841					13845		FSP# 3542 FF# 841
	1	3					A		
✓	3540	5	15:39			12171'			
	9	7				3711			
	8	9							
	7	851					5795		
	6	3							
	5	5							
	4	7							
	3	9							
	2	861							
	1	3							
✓	3530.	5	15:46			12171'			
	9	7				3711			
	8	9							
	7	871							
	6	3							
	5	5							
	4	7							
	3	9							
	2	881							
	1	3							
✓	3520	5	15:53			12100'			
	9	7				3689			
	8	9							
	7	891			T/C				LSP# 3517 LF# 892
	6	3					13846		FSP# 3516 FF# 893
	5	5					"B"		
	4	7							
	3513	9					5796		

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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
	3612	701		S/E	58,56,60,56		13842	5	RPM 725
	1	3			60,57,56,56		"B"		HEADING 328°
✓	3610	5	14:56			12400			T.B. N.V.
	9	7				3780			S.O.D. 4.8 W.T.
	8	9							
	7	711					5792		
	6	3							
	5	5							
	4	7							
	3	9							
	2	721							
	1	3							
✓	3600	5	15:01			12421			
	9	7				3787			
	8	9							
	7	731							
	6	3							
	5	5			T/C				LSP# 3595 LF 735
	4	7					13843		FSP# 3594 FF 736
	3	9					"A"		
	2	741							
	1	3							
✓	3590	5	1507			12254			
	9	7				3736			
	8	9							
	7	751					5793		
	6	3							
	5	5							
	4	7							
	3	9							
	2	761							
	1	3							
✓	3580	5	15:14			12254			
	9	7				3736			
	8	9							
	7	771							
	6	3							
	5	5							
	4	7							
	3	9							
	2	781							
	1	3							
✓	3570	5	15:20			12254			
	9	7	~~15:20~~		T/C	3736			LSP # 3569 LF # 788
	8	9					13844		FSP # 3568 FF # 789
	7	791					"B"		
	6	3							
	5	5					5794		
	4	7							
	3563	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 329/164

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	#Idir.	Cable Depth	W.D.	Reel No.	Line No.	Remarks
	3662	601		S/E	60,57,60,56		13840	5	RPM 725
	1	3			60,58,57,58		"B"		HEADING 323°
✓	3660	5	14:21			12560'			T.B N.U.
	9	7				3811			S.O.B. 4.7 W.T.
	8	9					5790		
	7	611							
	6	3							
	5	5							
	4	7							
	3	9							
	2	621							
	1	3							
✓	3650	5	14:27			12421'			
	9	7				3787			
	8	9							
	7	631			T/C				LSP# 3647 LF# 632
	6	3					13841		FSP# 3646 FF# 633
	5	5					"A"		
	4	7							
	3	9							
	2	641					5791		
	1	3							
✓	3640	5	14:34			12421'			
	9	7				3787			
	8	9							
	7	651							
	6	3							
	5	5							
	4	7							
	3	9							
	2	661							
	1	3							
✓	3630	5	1441			12421'			
	9	7				3787			
	8	9							
	7	671							
	6	3							
	5	5							
	4	7							
	3	9							
	2	681							
	1	3			T/C				LSP# 3621 LF# 684
	3620	5	14:48			12421'	13842		FSP# 3620 FF# 685
	9	7				3787	"B"		
	8	9							
	7	691					5792		
	6	3							
	5	5							
	4	7							
	3613	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 1700

Pre-Plot	Shotpoint	File No.	Time	#Idir.	Cable Depth	W.D.	Reel No.	Line No.	Remarks
	3712	501		S/E	60, 56, 59, 56		13839	5	RPM 725
	1	3			60, 58, 57, 58		"B"		HEADING 323°
✓	3710	5	13:48			12667			T.B. N.V.
	9	7				3862			S.O.B. 4.8 W.T
	8	9							
	7	511					5788		TANKER CROSSED ASTERN OF CABLE
	6	3							
	5	5							
	4	7							SONO BUOY OVER ON SP# 3715 ?
	3	9							
	2	521							
	1	3							
✓	3700	5	13:54			12667			
	9	7			T/C	3862			LSP# 3699 LF 525
	8	9					13839		FSP# 3698 FF 529
	7	531					"A"		
	6	3							13 SEC. RECORD LENGTH ✓
	5	5							STARTING ON FILE# 529
	4	7					5789		
	3	9							
	2	541							
	1	3							
✓	3690	5	14:00			12583			
	9	7				3836			
	8	9							
	7	551							
	6	3							
	5	5							
	4	7							
	3	9							
	2	561							
	1	3							
✓	3680	5	14:07			12583			
	9	7				3836			
	8	9							
	7	571							
	6	3							
	5	5							
	4	7							
	3	9			T/C		13839		LSP# 3673 LF# 580
	2	581					13840		FSP# 3672 FF# 581
	1	3					"B"		
✓	3670	5	14:14			12500			
	9	7				3811	5790		
	8	9							
	7	591							
	6	3							
	5	5							
	4	7							
	3666 3	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 328/664

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
	3762	401		S/E	60,56,58,56		13936	5	RPM 725
	1	3			60,58,57,57		"B"		HEADING 321°
✓	3760	5	13:14			~~12750~~			T.B N.U.
	9	7				12740			S.O.B. 4.5 W.T.
	8	9				3896			
	7	411					5786		
	6	3							
	5	5							
	4	7							
	3	9							
	2	421							
	1	3							
✓	3750	5	1320			~~12750~~			
	9	7				12780			
	8	9				3896			
	7	431			T/C				LSP# 2747 LF 432
	6	3					13937		FSP# 2746 FF 433
	5	5					"A"		
	4	7							
	3	9							
	2	441					5787		
	1	3							
✓	3740	5	13:26			12750			
	9	7				3887			
	8	9							
	7	451							
	6	3							
	5	5							
	4	7							
	3	9							
	2	461							
	1	3							
✓	3730	5	13:34			12750			
	9	7				3887			
	8	9							
	7	471							
	6	3							
	5	5							
	4	7							
	3	9			T/C				LSP# 3723 LF# 480
	2	481					13838		FSP# 3722 FF# 481
	1	3					"B"		
✓	3720	5	13:41			12667			
	9	7				3862			
	8	9					5788		
	7	491							
	6	3							
	5	5							
	4	7							
	3713	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 Mc DANIEL | gun depth 30' | in.³ of guns 1200

Pre-Plot	Shotpoint	File No.	Time	#1 dir.	Cable Depth	W.D.	Reel No.	Line No.	Remarks
	3812	301		S/E	60,54,58,55		13834	5	RPM 725
	1	3			58,54,54,54		"B"		HEADING 317°
✓	3810	5	12:41			13001'			T.B. N.V.
	9	7				3964			S.O.B. 3.5
	8	9							
	7	311					5784		
	6	3							
	5	5							
	4	7							
	3	9							
	2	321							
	1	3							
✓	3800	5	12:48			13001'			
	9	7				3964			
	8	9							
	7	331							
	6	3							
	5	5			T/C				LSP* 3795 LF* 336
	4	7					13835		FSP* 3794 FF* 337
	3	9					"A"		
	2	341							
	1	3							
✓	3790	5	12:54			12817'			
	9	7				3938			
	8	9					5785		
	7	351							
	6	3							
	5	5							
	4	7							
	3	9							
	2	361							
	1	3							
✓	3780	5	13:01			12117'			
	9	7				3694			
	8	9							DECREASE 25 RPM ON ONE TO 700 RPMs
	7	371							
	6	3							
	5	5							
	4	7							
	3	9							
	2	381							
	1	3			T/C		13835		LSP* 3771 LF 384
✓	3770	5	1308			12880'	13836		FSP* 3770 FF* 385
	9	7				3927	"B"		
	8	9							
	7	391							PICKING UP SCREW NOISE ASTERN
	6	3					5786		
	5	5							
	4	7							
	3763	9							

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OBSERVERS MARINE REPORT

digicon inc. # 511

Client U.S.G.S. ~~[illegible]~~ 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~~ McDANIEL gun depth 30' in.^{3} of guns 1200

Pre-Plot	Shotpoint	File No.	Time	#1dir.	Cable Depth	W.D.	Reel No.	Line No.	Remarks
	3862	201		S/E	60, 54, 59, 61		13832	5	RPM - 200
	1	3			59, 54, 55, 54		B		HEAD - 310
✓	3860	5	1201			13168'			T.B - N.V.
	9	7				4015			S.O.B. - 3.8 W-T.
	8	9							
	7	211					5782		
	6	3							
	5	5							
	4	7							
	3	9							
	2	221							
	1	3							
✓	3850	5	1209			13168'			
	9	7				4015			
	8	9							
	7	231							
	6	3							
	5	5							
	4	7							
	3	9			T/C				LSP # 3843 LF # 240
	2	241					13833		FSP # 3842 FF # 241
	1	3					"A"		
✓	3840	5	1217			13084'			INCREASE SPEED TO 725 RPM
	9	7				3989			
	8	9					5783		
	7	251							
	6	3							
	5	5							
	4	7							
	3	9							
	2	261							
	1	3							
✓	3830	5	12:25			13084'			
	9	7				3981			
	8	9							
	7	271							
	6	3							
	5	5							
	4	7							
	3	9							
	2	281							
	1	3							
✓	3820	5	1233			13084'			
	9	7			T/C	3989			LSP # 3819 LF # 288
	8	9					13834		FSP # 3818 FF # 289
	7	291					"B"		
	6	3							
	5	5					5784		
	4	7							
	3813	299							

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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	4 MS	Fold coverage	36
Observer	HINES - KIDD	gun depth	30'	in.^{3} of guns	1700

Pre-Plot	Shotpoint	File No.	Time	#Idir.	Cable Depth	W.D.	Reel No.	Line No.	Remarks
	3912	101		SE	60,54,59,51		13830	5	RPM'S - 700 PAIR
	1	3			59,54,55,54		B		HEADING - 312°
✓	3910	5	1121			13260			TAILBUOY - N.U.
	9	7				4043			SOB - 3.5 (W.T.)
	8	9					STBD		
	7	111							PARITY ON FILE # 100.?
	6	3							
	5	5							
	4	7							
	3	9							
	2	121							
	1	3							
✓	3900	5	1129			13,240'			
	9	7				4037			
	8	9							
	7	131							
	6	3							
	5	5							
	4	7							
	3	9							
	2	141							
	1	3			T/C		13830		LF - 144 LSP - 3891
✓	3890	5	1137		T/C	13,220	13831		FF - 145 FSP - 3890
	9	7				4030	A		
	8	9							
	7	151							
	6	3					STBD		
	5	5							
	4	7							
	3	9							
	2	161							
	1	3							
✓	3880	5	1145			13,200			
	9	7				4024			
	8	9							
	7	171							
	6	3							
	5	5							
	4	7							
	3	9							
	2	181							
	1	3							
✓	3870	5	1153			13,168			
	9	7				4015			
	8	9							
	7	191			T/C		13831		LF - 192 LSP - 3867
	6	3			T/C		13832		FF - 193 FSP - 3866
	5	5					B		
	4	7							
	3863	199					STBD		

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OBSERVERS MARINE REPORT

digicon inc. # 511

Client U.S.G.S. Type instrument DFS III Offset distance 346 1134'

Area GEORGES BK Record filter 8-18-62 Group interval 328/164

State MASS Sample rate 4MS Fold coverage 36

Observer HINES - KIDD gun depth 30' in.^{3} of guns 1700

Pre-Plot	Shotpoint	File No.	Time	#Idir.	Cable Depth	W.D.	Reel No.	Line No.	Remarks
	3962	001	1033	SE	59,54,58,50	[redacted]	13828	5	RPM'S - 650 PAIR
	1	3			60,56,54,58	13,418	B		HEADING - 308°
✓	3960	5	1036			[redacted]			TAIL BUOY - N.V.
	[redacted]9	7			18 16 X 15	4090 mt.			SOB - 3.0 (W.T.)
	8	9			18 17 X 17				
	7	011					5776		
	6	3							
	5	5							
	4	7							
	3	9							INCREASE SPEED TO 700 ON A PAIR.
	2	021							
	1	3							
✓	3950	5	1046			13,400' 4085 meters			
	9	7							
	8	9							
	7	031							
	6	3							
	5	5							
	4	7							
	3	9							
	2	041							
	1	3							
✓	3940	5	1056			13,330 4064			
	9	7			T/C		13828		LF - 048 LSP - 3939
	8	9					13829 A		FF - 049 FSP - 3938
	7	051							
	6	3							
	5	5							
	4	7					5779		
	3	9							
	2	061							
	1	3							
✓	3930	5	1105			13,300' 4055			
	9	7							
	8	9							PARITY ON FILE # 072?
	7	071							
	6	3							
	5	5							
	4	7							
	3	9							
	2	081							
	1	3							
✓	3920	5	1113			13,275 4047			
	9	7							
	8	9							
	7	091							
	6	3							
	5	5			T/C		13829		LF - 096 LSP - 3915
	4	7					13830 B		FF - 097 FSP - 3914
	3913	099							

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Coded 6-24-68

(1)

M/V Gulf Seal

digicon inc.
HOUSTON, TEXAS

Date 11 Sept 74

Type Coverage 36 Fold

MARINE LOG

Area [illegible] Cottages Bank

Shot Point Spacing 328'

Party No. 511 2-248

TIME	LINE	SHOT POINTS	DIR	TOTAL SHOT POINTS	MILES	OTHER TIMES: TRAVEL	LINE CHANGE	DOWN	SURV.	Chargeable TIME	REMARKS
01:30											Reached layout for line #5.
05:30											Cable Out - Strong Current.
24:00 10:33	5	2750 3962	N/W	1213	75.34						Note: Started line with 14 second recording and decrease when possible to maintain 8 seconds of sub surface. (See observer log)
											Pulling guns one string at a time for check and repair. - Holding up well.
											Port engine leaking badly from rear main seal.
											Weather good.
				1213	75.34						TOTALS

Reels SEGY
LINE 5-1
↓
LINE 5-15
LIST SHOT 2426 FFID 426

TOTAL MEN 26

TOTAL MEALS 78

ACC. MILES PROSPECT 277.70

ACC. MILES FOR MONTH 429.28

522-10-68

PARTY MANAGER

OBSERVERS MARINE REPORT

digicon inc. # 511

Client	U.S.G.S.	Type instrument	DFS III	Offset distance	346 1134'
Area	GEORGES BK	Record filter	8-18-62	Group interval	328/164
State	MASS	Sample rate	4MS	Fold coverage	36
Observer	HINES - KIDD	gun depth	30'	in.^{3} of guns	1700

Pre-Plot	Shotpoint	File No.	Time	#Idir.	Cable Depth	W.D.	Reel No.	Line No.	Remarks
	3962	001	1033	SE	59,54,58,50	[redacted]	13828	5	RPM'S- 650 PAIR
	1	3			60,56,54,58	13418	B		HEADING- 308°
✓	3960	5	1036			[redacted]			TAIL BUOY- N.V.
	9	7			18 16 X 15	4090 mt.			SOB - 3.0 (W.T.)
	8	9			18 17 X 17				
	7	011					5776		
	6	3							
	5	5							
	4	7							
	3	9							INCREASE SPEED TO 700 ON A PAIR.
	2	021							
	1	3							
✓	3950	5	1046			13,400' 4085 meters			
	9	7							
	8	9							
	7	031							
	6	3							
	5	5							
	4	7							
	3	9							
	2	041							
	1	3							
✓	3940	5	1056			13,330 4064			
	9	7			T/C		13828		LF- 048 LSP- 3939
	8	9					13829 A		FF- 049 FSP- 3938
	7	051							
	6	3							
	5	5							
	4	7					5779		
	3	9							
	2	061							
	1	3							
✓	3930	5	1105			13,300' 4055			
	9	7							
	8	9							PARITY ON FILE # 072?
	7	071							
	6	3							
	5	5							
	4	7							
	3	9							
	2	081							
	1	3							
✓	3920	5	1113			13,295 4047			
	9	7							
	8	9							
	7	091							
	6	3							
	5	5			T/C		13829		LF- 096 LSP- 3915
	4	7					13830 B		FF- 097 FSP- 3914
	3913	099							

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