MDIG 1/77

U.S.G.S. ACOUSTIC EQUIPMENT LOG

LEG _____ EQUIP. TYPE ANALOG SIGNAL RECORDING PAGE 1 OF 18

LOCATOR D1 (ID.) - 85 (YR.) - AR (AREA) (COL. 73-80) TOW DIST./DEPTH: SOURCE _____ RECEIVER _____ SHIP DISCOVERER

RECORDER TYPE/NO. Hewlett Pack. Reel to Reel/3968A CHIEF SCIENTIST BARNES

PUNCH FLAG	TIME & POSITION * JULIAN DAY	GMT HR.-MIN.	GMT SEC.	LINE NO. **	STA. NO. OR SHOT POINT	MEDIA/SPEC. CODE 3 LETT'S	ARCHIVE NO. DATA/EQUIP. CODE 4 LETTERS	ARCHIVE NO. ROLL, REEL OR SEQUENCE NO. 5 LET/NO. *	'X' IN ONE BOX ONLY S/E OF ROLL, REEL STRT	S/E OF ROLL, REEL END	DATA/SYST RECORDING ON	DATA/SYST RECORDING OFF	COMMENTS	COURSE	SPEED	WATER DEPTH	RECORDER SCALE	RECORDER SWEEP	RECORDER SHOOT	FILTERS HIGH	FILTERS LOW	POWER
						AVM	ANSI [redacted]	*					Analog Signal				ch.1-L.S.S.		33/4			
	252	0930		0006		AVM	ANSI	1	X				Recorded side-scan only		4.4	41	ch2-R.SS		33/4			
	252	1034		0006		AVM	ANSI	1				X					ch5-SS REF					
	252	1108		007		AVM	ANSI	1	[redacted]		X						ch6-TRIG T.					
	252	1130		007		AVM	ANSI	1		X							ch7-ORE		33/4			
	252	1146		007		AVM	ANSI	2	X				Recording side scan		4.4	28	ch8-HP	SERVO	33/4			
	252	1200		007		AVM	ANSI	2														
	252	1330		008		AVM	ANSI [redacted]	2		X		X	end reel 2	163	4.2	21			33/4			
	252	1335		008		"	"	3	X		X		start reel 3	163	4.2	21			33/4			
	252	1507		008		"	"	3		X		X	end reel 3	135	4.0	17			33/4			
	253	2317		015		AVM	ANSI	4	X		X		SOL 15 SOR 4	026°	4.5	17			33/4			
	253	2359		15		AVM	ANSI	4				X	EOL 15 STOP 2359	025°	4.5	21						
	254	0215		16		AVM	ANSI	4			X		SOL 16	035	4.5	20.5						
	254	0312		16		AVM	ANSI	4		X			END REEL 4	028 ~~034~~	4.1	23			33/4			
	254	0315		16		AVM	ANSI	5	X				START REEL 5	028 ~~034~~	4.1	25			33/4			
	1-3	5-8	9, 10	12-15	16-19	21-23	25-28	29-33	37	38	39	40										

* PLEASE RIGHT-JUSTIFY THESE ENTRIES

** DO NOT ENTER ST/END OF LINE ON THIS FORM (FOR KEYPUNCHING)

MDIG 1/77

U.S.G.S. ACOUSTIC EQUIPMENT LOG

LEG 1 EQUIP. TYPE ANALOG SIGNAL RECORDING PAGE 2 OF 18

LOCATOR D1 (ID.) - 85 (YR.) - AR (AREA) (COL. 73-80)

TOW DIST./DEPTH: SOURCE _____ RECEIVER _____ SHIP DISCOVERER

RECORDER TYPE/NO. HP REEL TO REEL/3968A CHIEF SCIENTIST BARNES

PUNCH FLAG	TIME & POSITION * JULIAN DAY	GMT HR.-MIN.	GMT SEC.	LINE NO. **	STA. NO. OR SHOT POINT	MEDIA/ SPEC. CODE 3 LETT'S	ARCHIVE NO. DATA/EQUIP. CODE 4 LETTERS	ARCHIVE NO. ROLL, REEL OR SEQUENCE NO. 5 LET/NO. *	'X' IN ONE BOX ONLY S/E OF ROLL, REEL STRT	S/E OF ROLL, REEL END	DATA/SYST RECORDING ON	DATA/SYST RECORDING OFF	COMMENTS	COURSE	SPEED	WATER DEPTH m	RECORDER SCALE	RECORDER SWEEP IPS	RECORDER SHOOT	FILTERS HIGH	FILTERS LOW	POWER
	254	0451		1.6		AUM	ANSI	5		X			Mag tape off end reel 5	029	4.5	31.5		3 3/4				
	254	0458		1.6		AVM	ANSI	6	X				Mag tape on start reel 6	029	4.5	32		3 3/4				
	254	0700		1.6		AVM	ANSI	6		X			Mag tape off end reel 6	035	5.0	45		3 3/4				
	254	0705		1.6		AVM	ANSI	7	X				Mag tape on start reel 7	035	5.0	45		3 3/4				
	254	0850		1.6		AUM	ANSI	7		X		X	MAG TAPE OFF - END REEL 7	031	4.5	136		3 3/4				
	254	0904		1.6		AUM	ANSI	8	X				MAG TAPE ON - START REEL 8	031	4.5	136		3 3/4				
	254	1004		1.6		"	"	8				X	MAG TAPE [illegible] OFF					3 3/4				
	255	1214		1.8		"	"	8		X	X		EOT # 8					"				
	255	1330		1.8		"	"	9	X	-			SOT #9	125	[illegible]	28		"				
	255	1331		2.0		"	"	9			X	X	SYSTEM OFF: 1331					"				
	256	0300											Mag tape on	330	4	135						
	256	0434		2.0		"	"	9		X			Mag tape of EOT 9	330	4.5	110		"				
	256	0439		2.0		"	"	10	X				Mag tape off SOT 10	330	4.5	105		"				
	256	0625		2.0		"	"	10		X			EOT 10	348	4.5	132		"				
	256	0629		2.0		"	"	11	X				SOT 11	350	4.5	132		"				
	256	0715		2.0				11				X	EOL 20 sys off			165						
	1-3	5-8	9, 10	12-15	16-19	21-23	25-28	29-33	37	38	39	40										

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MDIG 1/77

U.S.G.S. ACOUSTIC EQUIPMENT LOG

LEG 1 EQUIP. TYPE Analog Signal Recording PAGE 3 OF 18

LOCATOR D1 (ID.) – 85 (YR.) – AR (AREA) (COL. 73-80)

TOW DIST./DEPTH: SOURCE _____ RECEIVER Barnes SHIP Discoverer

RECORDER TYPE/NO. HP Reel to Reel /3968A CHIEF SCIENTIST _____

PUNCH FLAG	TIME & POSITION * JULIAN DAY	GMT HR.-MIN.	GMT SEC.	LINE NO. **	STA. NO. OR SHOT POINT *	MEDIA/ SPEC. CODE 3 LETT'S	ARCHIVE NO. DATA/EQUIP. CODE 4 LETTERS	ARCHIVE NO. ROLL, REEL OR SEQUENCE NO. 5 LET/NO. *	'X' IN ONE BOX ONLY S/E OF ROLL, REEL STRT	S/E OF ROLL, REEL END	DATA/SYST RECORDING ON	DATA/SYST RECORDING OFF	COMMENTS	COURSE	SPEED	WATER DEPTH	RECORDER SCALE	RECORDER SWEEP	RECORDER SHOOT	FILTERS HIGH	FILTERS LOW	POWER
	256	1034		21		AVM	ANSI	11			X		MAG TAPE ON	267	4	310		3 3/4				
	256	1123		21		AVM	ANSI	11		X			E.O.R. 11	263	6	215		3 3/4				
	256	1129		21		AVM	ANSI	12			X		S.O.R 12	263	6	215		3 3/4				
	256	1305		21		"	"	12		X		[redacted]	EOR 12	270	4	122		"				
	256	1310		21		"	"	13	X		[redacted]		SOR 13	"	"	"		"				
	256	1438		TRAN		AVM	ANSI	13				X	TAPE OFF - NOTE ALL [redacted] INPUTS OFF AT 1400: REWOUND TAPE TO END OF LAST INPUTS									
	256	2139		SOL22		AVM	ANSI	13			X		TAPE ON - SOL 22	105	4.5	48		11				
	256	2222		22		AVM	ANSI	13				X	TAPE OFF - E.O.R 13	105	4.5	52						
	256	2228		22		AVM	ANSI	14			X		S.O.R 14 - TAPE ON	105	4.5	52		3 3/4				
	257	0004		22		"	"	14		X			EOR 14	155	4.5	67						
	257	0007		22		"	"	15	X				SOR 15	155	4.5	67						
	257	0144		22		"	"	15		X		[redacted]	EOR 15	255	4.5	37		"				
	257	0147		22		"	"	16	X		[redacted]		SOR 16	255	4.5	37		"				
	257	0323		22		"	"	16		X		[redacted]	EOR 16	340	4.5	30		"				
	257	0326		22		"	"	17	"		[redacted]		SOR 17	"	"	"		"				
	1-3	5-8	9, 10	12-15	16-19	21-23	25-28	29-33	37	38	39	40										

* PLEASE RIGHT-JUSTIFY THESE ENTRIES

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MDIG 1/77

U.S.G.S. ACOUSTIC EQUIPMENT LOG

LEG 1 EQUIP. TYPE H.P. Reel to Reel - Analog Signals PAGE 4 OF 18

LOCATOR D1 (ID.) - 85 (YR.) - AR (AREA) (COL. 73-80)

TOW DIST./DEPTH: SOURCE _____ RECEIVER _____ SHIP Discoverer

RECORDER TYPE/NO. H.P. 3968A CHIEF SCIENTIST P. Barnes / L. Phillips

PUNCH FLAG	TIME & POSITION *					MEDIA/ SPEC. CODE	ARCHIVE NO. DATA/EQUIP. CODE	ARCHIVE NO. ROLL, REEL OR SEQUENCE NO.	'X' IN ONE BOX ONLY S/E OF ROLL, REEL		'X' IN ONE BOX ONLY DATA/SYST RECORDING		COMMENTS	COURSE	SPEED	WATER DEPTH m	RECORDER			FILTERS		POWER
	JULIAN DAY	GMT HR.-MIN.	GMT SEC.	LINE NO. **	STA. NO. OR SHOT POINT	3 LETT'S	4 LETTERS	5 LET/NO. *	STRT	END	ON	OFF					SCALE	SWEEP	SHOOT	HIGH	LOW	
	257	0505		022		AVM	ANSI	17		X			EOT #17				33/4 ips					
	257	0509		022		AVM	ANSI	18	X				SOT #18				"					
	257	0648		022		AVM	ANSI	18		X			EOT 18	340	4.5		"					
	~~257~~ 357	0651		022		AVM	ANSI	19	X				SOT 19	340	4.5		"					
	257	0703		022		AVM	ANSI	19					EOL 22	340	4.5	58	"					
	257	0710		023		AVM	ANSI	19					SOL 23	018	4.5	58	33/4 ips					
	257	0748		023		AVM	ANSI						reel found slipping - corrected	018	4.5		"					
	257	0827		023		AVM	ANSI	19		X			EOR 19	018	4.5	55	"					
	257	0831		023		AVM	ANSI	20	X				SOR 20	018	4.5	55	"					
	257	1015		023		AVM	ANSI	20		X			EOR ~~19~~ 20	025	4.5	53.5	"					
	257	1019		023		AVM	ANSI	21	X				SOR 21	025	4.5	55.5	"					
	257	1155		024		AVM	ANSI	21		X			EOR 21	255	4.0	155	"					
	257	1201		024		AVM	ANSI	22	X				SOR 22	255	4.0	148	"					
	257	1337		025		"	"	22		X		X	EOR 22	202	4.5	53	"					
	257	1340		025		"	"	23	X		X		SOR 23	202	4.5	53	"					
	1-3	5-8	9, 10	12-15	16-19	21-23	25-28	29-33	37	38	39	40										

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MDIG 1/77

U.S.G.S. ACOUSTIC EQUIPMENT LOG

LEG 1 EQUIP. TYPE H.P. Reel to Reel - Analog Signals PAGE 5 OF 18

LOCATOR D1 (ID.) - 85 (YR.) - AR (AREA) (COL. 73-80)

TOW DIST./DEPTH: SOURCE _____ RECEIVER _____ SHIP Disco

RECORDER TYPE/NO. H.P. 3968A CHIEF SCIENTIST P. Barnes

PUNCH FLAG	TIME & POSITION * JULIAN DAY	GMT HR.-MIN.	GMT SEC.	LINE NO. * **	STA. NO. OR SHOT POINT	MEDIA/ SPEC. CODE (ARCHIVE NO.) 3 LETT'S	DATA/EQUIP. CODE (ARCHIVE NO.) 4 LETTERS	ROLL, REEL OR SEQUENCE NO. (ARCHIVE NO.) 5 LET/NO. *	'X' IN ONE BOX ONLY S/E OF ROLL, REEL STRT	S/E OF ROLL, REEL END	DATA/SYST RECORDING ON	DATA/SYST RECORDING OFF	COMMENTS	COURSE	SPEED	WATER DEPTH m	RECORDER SCALE	RECORDER SWEEP	RECORDER SHOOT	FILTERS HIGH	FILTERS LOW	POWER
	257	1400		25		AUM	ANSI	23				X	system off	202	4.5	53	3 3/4 ips					
	258	0710		026		AVm	ANSI	23			X		system on SOL 26	250	4.5	~100	3 3/4 ips					
	258	0813		026		AVm	ANSI	23		X			E.O.R. 23	235	4.5	94	3 3/4 IPS					
	258	1113		027		AVm	ANSI	24	X				S.O.R 24	339	4.5	94	3 3/4 IPS					
	258	1255		027		"	"	24		Y		●	EOR 24	315	"	96	"					
	258	1257		027		"	"	25	X		●		SOR 25	"	"	"	"					
	258	1437		027		"	"	25		X		●	EOR 25	"	"	71	—					
	258	1458		027		"	"	26	X		●		SOR 26	"	"	71	—					
	268	1635	45	027		"	"	26		X			EOR 26	335	4.0	~~73~~						
	258	1639		027		"	"	27	X				SOR 27	335	4.0	73						
	258	1745		027		"	"	27				●	~~Sys off~~ eol 27	300	3.7	122.5	"					
	258	1751		027				27				X	Sys off	—	—	—						
	260	1247		030				27			X		SYS. ON LINE 30 IN PROGRESS	250	4.5	43	3 3/4 IPS					
	260	1311		030				27		X		●	EOR 27	250	4.5	43	"					
	260	1314		030				28	X		●		SOR 28	250	4.5	43	"					
	1-3	5-8	9, 10	12-15	16-19	21-23	25-28	29-33	37	38	39	40										

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U.S.G.S. ACOUSTIC EQUIPMENT LOG

LEG 1 EQUIP. TYPE HP REEL TO REEL - Analog Signals PAGE 6 OF 18

LOCATOR D1 (ID.) - 85 (YR.) - AR (AREA) (COL. 73-80)

TOW DIST./DEPTH: SOURCE _____ RECEIVER _____ SHIP DISCOVERER

RECORDER TYPE/NO. H.P. 3968A CHIEF SCIENTIST BARNES / Phillips

PUNCH FLAG	TIME & POSITION * JULIAN DAY	GMT HR.-MIN.	GMT SEC.	LINE NO. **	STA. NO. OR SHOT POINT	MEDIA/ SPEC. CODE 3 LETT'S	ARCHIVE NO. DATA/EQUIP. CODE 4 LETTERS	ARCHIVE NO. ROLL, REEL OR SEQUENCE NO. 5 LET/NO. *	'X' IN ONE BOX ONLY S/E OF ROLL, REEL STRT	S/E OF ROLL, REEL END	DATA/SYST RECORDING ON	DATA/SYST RECORDING OFF	COMMENTS	COURSE	SPEED	WATER DEPTH m	RECORDER SCALE	RECORDER SWEEP	RECORDER SHOOT	FILTERS HIGH	FILTERS LOW	POWER
	260	1451		030		AUM	ANSI	28		X			EOR 28	270	4.5	41	3 3/4 IPS					
	260	1455		030		"	"	29	X				SOR 29	"	"	41	"					
	260	1600		030		"	"	29				X	EOL 30	255	5	40	"					
	261	0300		31		"	"	29			X		SOL 31	215	4.4	42	"					
	261	0319		31		"	"	29		X			EOR 29	"	"	"	"					
	261	0322		31		"	"	30	X				SOR 30	"	"	"	"					
	261	0448		31				30					EOL 31	240	4.5	37.5						
	261	0448		32				30					SOL 32	276	4.5	37.5						
	261	0500		32				30		X			EOR 30	275	4.5	38						
	261	0501		32				31	X				SOR 31	275	4.5	38						
	261	0640		32				31		X			EOR 31	276	4.5	39.5						
	261	0645		32				32	X				SOR 32	276	4.5	39.5						
	261	0820		32				32		X			EOR 32	276	5.0	41.5						
	261	0827		32				33	X				SOR 33	276	5.0	41.5	"					
	261	1004		32				33		X			EOR ~~33~~ 33	276	5.0	44	"					
	1-3	5-8	9, 10	12-15	16-19	21-23	25-28	29-33	37	38	39	40										

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U.S.G.S. ACOUSTIC EQUIPMENT LOG

LEG 1 EQUIP. TYPE HP 8 channel Rel to Rel mag tape PAGE 7 OF 18

LOCATOR D 1 (ID.) – 85 (YR.) – AR (AREA) (COL. 73-80)

TOW DIST./DEPTH: SOURCE _____ RECEIVER _____ SHIP Discoverer

RECORDER TYPE/NO. HP 3968A CHIEF SCIENTIST Phillips / Barnes

PUNCH FLAG	TIME & POSITION * JULIAN DAY	GMT HR.-MIN.	GMT SEC.	LINE NO.	STA. NO. OR SHOT POINT	MEDIA/ SPEC. CODE 3 LETT'S	ARCHIVE NO. DATA/EQUIP. CODE 4 LETTERS	ARCHIVE NO. ROLL, REEL OR SEQUENCE NO. 5 LET/NO.	'X' IN ONE BOX ONLY S/E OF ROLL, REEL STRT	S/E OF ROLL, REEL END	DATA/SYST RECORDING ON	DATA/SYST RECORDING OFF	COMMENTS	COURSE	SPEED	WATER DEPTH	RECORDER SCALE	RECORDER SWEEP	RECORDER SHOOT	FILTERS HIGH	FILTERS LOW	POWER
	1-3	5-8	9, 10	12-15	16-19	21-23	25-28	29-33	37	38	39	40										
	261	1008	30	32**		AVM	ANSI	34*	X				SOR 34	276	5.0	44	3 3/4 ips					
	261	1155		33		AVM	ANSI	34		X			EOR 34	306	5.0		3 3/4 ips					
	261	1159		33		AVM	ANSI	35	X				SOR 35	306	5.0		3 3/4 ips.					
	261	1337		33		"	"	35		X			EOR 35	"	"	50	"					
	261	1339		33		"	"	36	X				SOR 36	"	"	50	"					
	261	1510		33		"	"	36		X			EOR 36	"	"	41	"					
	261	1519		33		"	"	37	X				SOR 37	"	"	41	"					
	261	1600		33		"	"	37					EOL 33	306	4.5	42	"					
	261	1600		34		"	"	37					SOL 34	350	4.5	42	"					
	261	1656		34		"	"	37		X			EOR 37	350	5.0	42.5	"					
	261	1658	30	34		"	"	38	X				SOR 38	350	5.0	42.5	"					
	261	1836		34		"	"	38		X			EOR 38	352	4.4	43	"					
	261	1838		34		"	"	39	X				SOR 39	352	4.4	44	"					
	261	2013		34		"	"	39		X			E.O.R. 39	352	4.4	45	"					
	261	2018		34		"	"	40	X				S.O.R 40									

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MDIG 1/77

U.S.G.S. ACOUSTIC EQUIPMENT LOG

LEG _____ EQUIP. TYPE HP. 8 channel Reel to Reel, Analog PAGE 8 OF 18

LOCATOR D1 (ID.) - 85 (YR.) - AR (AREA) (COL. 73-80)

TOW DIST./DEPTH: SOURCE - RECEIVER - SHIP Discoverer

RECORDER TYPE/NO. HP CHIEF SCIENTIST L. Phillips / P. Barnes

PUNCH FLAG	TIME & POSITION * JULIAN DAY	GMT HR.-MIN.	GMT SEC.	LINE NO. **	STA. NO. OR SHOT POINT	MEDIA/SPEC. CODE 3 LETT'S	ARCHIVE NO. DATA/EQUIP. CODE 4 LETTERS	ARCHIVE NO. ROLL, REEL OR SEQUENCE NO. 5 LET/NO. *	'X' IN ONE BOX ONLY S/E OF ROLL, REEL STRT	END	DATA/SYST RECORDING ON	OFF	COMMENTS	COURSE	SPEED	WATER DEPTH	RECORDER SCALE	SWEEP	SHOOT	FILTERS HIGH	LOW	POWER
	261	2122		034		AVM	ANSI	40				X	End of Line 34				3 3/4 ips					
	261	2224		35		AVM	ANSI	40			X		~~[illegible]~~ ON LINE 35			43	3 3/4 ips					
	261	2256		35		AVM	ANSI	40				X	E.O.R. # 40	348	4.5	42	"					
	261	2300		35		AVM	ANSI	41			X		S.O.R # 41	348	4.5	42	"					
	261	2311		35		"	"	41				X	STATION 27				"					
	262	0023		35		"	"	41			X		Con't Line 35	000	4.6	42	"					
	262	0157		35		"	"	41		X			EOR 41	004	"	"	"					
	262	0159		35		"	"	42	X				SOR 42	004	"	"	1 7/8 ips					
	262	0513		35		"	"	42		X			EOR 42	020	4.5	42	"					
	262	0515		35				43	X				SOR 43	020	4.5	42	"					
	262	0830		35				43		X			EOR 43	020	4.5		1 7/8 ips					
	262	0832		36		"	"	44	X				SOR 44 c/c		4.5	43	"					
	~~262~~	~~0900~~		~~36~~						~~X~~			~~E.O.R 44~~									
	262	1145		36						X			E.O.R 44	149	5.0 ~~4.5~~	41	1 7/8 ips					
	262	1147	30	36					X				S.O.R ~~44~~ 45	149	5.0	41	1 7/8 ips					
	1-3	5-8	9, 10	12-15	16-19	21-23	25-28	29-33	37	38	39	40										

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U.S.G.S. ACOUSTIC EQUIPMENT LOG

LEG 1 EQUIP. TYPE HP 8 CHANNEL REEL TO REEL MAG TAPE - 3968A PAGE 9 OF 18

LOCATOR D1 (ID.) - 85 (YR.) - AR (AREA) (COL. 73-80) TOW DIST./DEPTH: SOURCE _____ RECEIVER _____ SHIP DISCOVERER

RECORDER TYPE/NO. HP 3968A CHIEF SCIENTIST Phillips/Barnes

PUNCH FLAG	TIME & POSITION * JULIAN DAY	GMT HR.-MIN.	GMT SEC.	LINE NO. **	STA. NO. OR SHOT POINT	MEDIA/ SPEC. CODE 3 LETT'S	ARCHIVE NO. DATA/EQUIP. CODE 4 LETTERS	ARCHIVE NO. ROLL, REEL OR SEQUENCE NO. * 5 LET/NO.	'X' IN ONE BOX ONLY S/E OF ROLL, REEL STRT	S/E OF ROLL, REEL END	DATA/SYST RECORDING ON	DATA/SYST RECORDING OFF	COMMENTS	COURSE	SPEED	WATER DEPTH	RECORDER SCALE	RECORDER SWEEP	RECORDER SHOOT	FILTERS HIGH	FILTERS LOW	POWER
	262	1510		37		AVM	ANSI	45		X			EOR 45	279	4.5	45	1 7/8					
	262	1519		37		"	"	46	X				SOR 46	279	4.5	45						
	262	1830		~~37~~ 37		"	"	46				X	EOL 37 Sta 28	284	4.5	44						
	262	2024		38		AVM	ANSI	47			X		on line 38	279	4.5	~~46~~	~~1 7/8~~					
	262	2143		38	~~28~~			47				X	STOP RECORDING on sta 29			46.5						
	262	2247		38		AVM	ANSI	47			X		Back on Line 38	286	4.5	46.5	1 7/8					
	263	0050		38		"	"	47		X			EOR 47	300	4.4	47.5	"					
	263	0056		38		"	"	48	X				SOR 48	"	"	"	"					
	263	0225		38	30	"	"	48				X	SYSTEM OFF FOR CORING STA. 30	270	4.5	49	"					
	263	0359		38		"	"	48			X		sys on contin. line 38	255	4.0	49	"					
	263	0542		38		"	"	48		X			eor 48	250	4.5		"					
	263	0544	30	38		"	"	49	X				sor 49	250	4.5		"					
	263	0700		38		"	"	47					eol 38	250	4.5	51	"					
	263	0703		STAT	31	"	"	49				X	Station 31 Mag tape off	250	4.5	51	"					
	263	0723						49			X		leave sta. 31 Mag tape on	140	4.5	51	"					
	1-3	5-8	9, 10	12-15	16-19	21-23	25-28	29-33	37	38	39	40										

* PLEASE RIGHT-JUSTIFY THESE ENTRIES

** DO NOT ENTER ST/END OF LINE ON THIS FORM (FOR KEYPUNCHING)

MDIG 1/77

U.S.G.S. ACOUSTIC EQUIPMENT LOG

LEG 1 EQUIP. TYPE 8 channel reel to reel Mag tape PAGE 10 OF 18

LOCATOR 01 (ID.) - 85 (YR.) - AR (AREA) (COL. 73-80)

TOW DIST./DEPTH: SOURCE _____ RECEIVER _____ SHIP R.V. Discoverer

RECORDER TYPE/NO. HP 3968A CHIEF SCIENTIST L. Phillips / P. Barnes

PUNCH FLAG	TIME & POSITION * JULIAN DAY	GMT HR.-MIN.	GMT SEC.	LINE NO. **	STA. NO. OR SHOT POINT	MEDIA/ SPEC. CODE 3 LETT'S	ARCHIVE NO. DATA/EQUIP. CODE 4 LETTERS	ARCHIVE NO. ROLL, REEL OR SEQUENCE NO. * 5 LET/NO.	'X' IN ONE BOX ONLY S/E ROLL, OF REEL STRT	S/E ROLL, OF REEL END	DATA/SYST RECORDING ON	DATA/SYST RECORDING OFF	COMMENTS	COURSE	SPEED	WATER DEPTH m	RECORDER SCALE	RECORDER SWEEP	RECORDER SHOOT	FILTERS HIGH	FILTERS LOW	POWER
	263	0725		39		AVM	ANSI	49					SOL 39	140	4.5	51	1 7/8					
	263	0917		39		Avm	ANSI	49		X			EOR 49	140	4.5	50	1 7/8					
	263	0920	50	39		AVm	ANSI	50	X				SOR 50	140	4.5	50	1 7/8					
	263	1233		40		AVM	ANSI	50		X			EOR 50	250	4.4	49	"					
	263	1236		40		"	"	51	X				SOR 51	"	"	"	"					
	263	1550		40		"	"	51		X			EOR 51	"	"	"	"					
	263	1600		40		"	"	52	X				SOR 52	"	"	"	'					
	263	1615		40		"	"					X	eol 40 sys off	235	4.5	55						
	263	1631	30	41		"	"				X		sys on sol 41 1623	90	4.5	55						
	263	1700		041		AVM	ANSI	52				X	sys off EOL 41	90	4.5	52.5	1 7/8					
	268	0740		TRAN		"	"	52			X		sys on	295	4.5	23	1 7/8					
	268	0743		43		"	"	52	[redacted]				sol 43	295	4.5	20	1 7/8					
	268	0926		43		AVM	ANSI	52		X			~~EOL~~ end reel 52	295	4.5	40	1 7/8					
	268	0928		43		"	"	53	X				start reel ~~52~~ 53	295	4.5	40	1 7/8					
	268	1241		44				53		X			EOR 53	190	4.5	32	"					
	1-3	5-8	9, 10	12-15	16-19	21-23	25-28	29-33	37	38	39	40										

* PLEASE RIGHT-JUSTIFY THESE ENTRIES

** DO NOT ENTER ST/END OF LINE ON THIS FORM (FOR KEYPUNCHING)

MDIG 1/77

U.S.G.S. ACOUSTIC EQUIPMENT LOG

LEG 1 EQUIP. TYPE 8 Channel Reel to Reel Mag Tape PAGE 11 OF 18

LOCATOR D1 (ID.) - 85 (YR.) - AR (AREA) (COL. 73-80) TOW DIST./DEPTH: SOURCE _____ RECEIVER _____ SHIP DISCO

RECORDER TYPE/NO. HP 3968 A CHIEF SCIENTIST Phillips / Barnes

PUNCH FLAG	TIME & POSITION * JULIAN DAY	GMT HR.-MIN.	GMT SEC.	LINE NO. **	STA. NO. OR SHOT POINT	MEDIA/ SPEC. CODE	ARCHIVE NO. DATA/EQUIP. CODE	ARCHIVE NO. ROLL, REEL OR SEQUENCE NO. *	'X' IN ONE BOX ONLY S/E OF ROLL, REEL STRT	S/E OF ROLL, REEL END	DATA/SYST RECORDING ON	DATA/SYST RECORDING OFF	COMMENTS	COURSE	SPEED	WATER DEPTH	RECORDER SCALE	RECORDER SWEEP	RECORDER SHOOT	FILTERS HIGH	FILTERS LOW	POWER
						3 LETT'S	4 LETTERS	5 LET/NO.														
	268	1243		44		AVM	ANSI	54	X				SOR 54	190	4.5	32	1 7/8 ips					
	268	1556		45		"	"	54		X			EOR 54	055	4.5	38	"					
	268	1558		45		"	"	55	X				SOR 55	055	"	32	"					
	268	1630		045		AVM	ANSI	55				X	End of line 45	055	4.5	35	1 7/8 ips					
	269	0655		46		"	"	55			X		sys. on SOL 46	320	4.5	57	"					
	269	0823		46				55		X			E.O.R 55	320	4.5	59	1 7/8 IPS					
	269	0922.5		46		AVM	ANSI	56	X				S.O.R 56	320	4.5	59	"					
	269	1138		46		AVM	ANSI	56		X			E.O.R 56	320	4.5	53						
	269	1140		46		AVM	ANSI	57	X				S.O.R 57	320	4.5	53	1 7/8 IPS					
	269	1453		46		AVM	ANSI	57		X			EOR 57	324	4.8	50	"					
	269	1458		46		"	"	58	X				SOR 58	324	4.8	50	"					
	269	1700		46		"	"	58				X	eol 46 sys off	~~265~~ 324	4.5	48.5	"					
	269	1856		047		AVM	ANSI	58			X		sol 47 sys on				1 7/8 ips					
	269	2035		~~47~~ 048		"	"	58	~	X		X	end tape 58	280	4.5	44	"					
	269	2037		47		"	"	59	X		~		start tape 59	280	4.5	44	"					
	1-3	5-8	9, 10	12-15	16-19	21-23	25-28	29-33	37	38	39	40										

* PLEASE RIGHT-JUSTIFY THESE ENTRIES

** DO NOT ENTER ST/END OF LINE ON THIS FORM (FOR KEYPUNCHING)

MDIG 1/77

U.S.G.S. ACOUSTIC EQUIPMENT LOG

LEG 1 EQUIP. TYPE Analog magtape recorder PAGE 12 OF 18

LOCATOR D1 (ID.) - 85 (YR.) - AR (AREA) (COL. 73-80) TOW DIST./DEPTH: SOURCE _____ RECEIVER _____ SHIP DISCOVERER

RECORDER TYPE/NO. HP 3968 A CHIEF SCIENTIST PHILLIPS / BARNES

PUNCH FLAG	TIME & POSITION * JULIAN DAY	GMT HR.-MIN.	GMT SEC.	LINE NO. **	STA. NO. OR SHOT POINT	MEDIA/ SPEC. CODE (3 LETT'S)	ARCHIVE NO. DATA/EQUIP. CODE (4 LETTERS)	ARCHIVE NO. ROLL, REEL OR SEQUENCE NO. * (5 LET/NO.)	'X' IN ONE BOX ONLY S/E OF ROLL, REEL STRT	S/E OF ROLL, REEL END	DATA/SYST RECORDING ON	DATA/SYST RECORDING OFF	COMMENTS	COURSE	SPEED	WATER DEPTH	RECORDER SCALE	RECORDER SWEEP	RECORDER SHOOT	FILTERS HIGH	FILTERS LOW	POWER
	269	22040		47		AYM	ANSI	59				X	E.O.L 47	280	4.5	47	1 7/8 IPS					
	269	22410		48		"	"	59			X		SOL 48	350	4.5	48	"					
	270	00019		48		"	"	59		X			EOR 59	323	4.5	~~51.5~~ 47	"					
	270	00020		48		"	"	60	X				SOR 60	323	4.5	~~51.5~~ 47	"					
	270	03304		49		"	"	60		X			EOR 60	090	4.5	45	"					
	270	03360		49		"	"	61	X				SOR 61	"	"	45	1 7/8 IPS					
	270	04080		49		"	"	61				X	EOL 49 sys off	092	4.5	45.5	"					
	270	10072		50		"	"	61			X		SOL 50	194	4.5	46	1 7/8 IPS					
	270	12455		50		"	"	61		X		[redacted]	EOR 61	145	4.5	51	"					
	270	12477		50		"	"	62	X		[redacted]		SOR 62	148	4.6	51	"					
	270	16000		50		"	"	62		X		[redacted]	EOR 63	127	4.3	48	"					
	270	16033	30	50		"	"	63	X		[redacted]		SOR 6[redacted]3	127	4.3	52	"					
	270	19177		50		"	"	63		X			EOR 63	130	4.5	50.5	"					
	270	19199		50		"	"	64	X				SOR 64	130	4.5	51	"					
	270	20377		50		"	"	64 [redacted]				X	SLED IN H2O	13	4.5	51	"					
	1-3	5-8	9, 10	12-15	16-19	21-23	25-28	29-33	37	38	39	40										

* PLEASE RIGHT-JUSTIFY THESE ENTRIES

** DO NOT ENTER ST/END OF LINE ON THIS FORM (FOR KEYPUNCHING)

MDIG 1/77

U.S.G.S. ACOUSTIC EQUIPMENT LOG

LEG 1 EQUIP. TYPE Analog Magnetic Tape Recorder PAGE 13 OF 18

LOCATOR D1 – 85 – AR (COL. 73-80) (ID. – YR. – AREA)

TOW DIST./DEPTH: SOURCE _____ RECEIVER _____ SHIP DISCOVERER

RECORDER TYPE/NO. HP 3968A CHIEF SCIENTIST Phillips/Barnes

PUNCH FLAG	TIME & POSITION * JULIAN DAY	GMT HR.-MIN.	GMT SEC.	LINE NO. **	STA. NO. OR SHOT POINT	MEDIA/SPEC. CODE 3 LETT'S	ARCHIVE NO. DATA/EQUIP. CODE 4 LETTERS	ARCHIVE NO. ROLL, REEL OR SEQUENCE NO. * 5 LET/NO.	'X' IN ONE BOX ONLY S/E OF ROLL, REEL STRT	S/E OF ROLL, REEL END	DATA/SYST RECORDING ON	DATA/SYST RECORDING OFF	COMMENTS	COURSE	SPEED	WATER DEPTH	RECORDER SCALE	RECORDER SWEEP	RECORDER SHOOT	FILTERS HIGH	FILTERS LOW	POWER
	271	1257	.	.51		AVM	ANSI	.64		X			EOR 64	220	4	35	1 7/8 IPS					
	271	1300	.	.51				.65	X				SOR 65	220	4	35	"					
	271	1613	30	.051		AVM	ANSI	.65		X			EOR 65				"					
	271	1615	30	.051		AVM	ANSI	.66	X				SOR 66				"					
	271	1929	.	.051		AVM	ANSI	.66		X			EOR 66	237	4.8	23.5	1 7/8 IPS					
	271	1931	30	.051		AVM	ANSI	.67	X				SOR 67	237	4.8	23.5	"					
	271	2200	.	.51		"	"	.67				X	OFF (EOL 51)	220	4.5	25	"					
	272	0309	.	.52		"	"	.67			X		SOL 52	320	4.6	42	"					
	272	0353	.	.52		"	"	.67		X			EOR 67	"	"	42	"					
	272	0355	.	.52		"	"	.68	X				SOR 68	"	"	42	"					
	272	0709	20	.52		AVM	ANSI	.68		X		X	EOR 68	331	4.5	47.5	"					
	272	0711	45	.52		"	"	.69	X		X		SOR 69	331	4.5	47.5	"					
	272	1038	.	.52		AVM	ANSI	.69		X			EOR 69	332	4.5	47.5						
	272	1042	.	.52		AVM	ANSI	.70	X				S.O.R #70	332	4.5	47.5						
	272	1355	.	.53		"	"	.70		X		→	EOR 70	230	4.8	46	"					
	1-3	5-8	9, 10	12-15	16-19	21-23	25-28	29-33	37	38	39	40										

* PLEASE RIGHT-JUSTIFY THESE ENTRIES

** DO NOT ENTER ST/END OF LINE ON THIS FORM (FOR KEYPUNCHING)

MDIG 1/77

U.S.G.S. ACOUSTIC EQUIPMENT LOG

LEG 1 EQUIP. TYPE Analog Mag Tape Recorder PAGE 14 OF 18

LOCATOR D1 - 85 - AR (COL. 73-80) (ID. - YR. - AREA)

TOW DIST./DEPTH: SOURCE ____ RECEIVER ____ SHIP DISCOVERER

RECORDER TYPE/NO. HP3968A CHIEF SCIENTIST Phillips/Barnes

PUNCH FLAG	TIME & POSITION * JULIAN DAY	GMT HR.-MIN.	GMT SEC.	LINE NO. **	STA. NO. OR SHOT POINT	MEDIA/ SPEC. CODE 3 LETT'S	ARCHIVE NO. DATA/EQUIP. CODE 4 LETTERS	ARCHIVE NO. ROLL, REEL OR SEQUENCE NO. * 5 LET/NO.	'X' IN ONE BOX ONLY S/E ROLL, OF REEL STRT	S/E ROLL, OF REEL END	DATA/SYST RECORDING ON	DATA/SYST RECORDING OFF	COMMENTS	COURSE	SPEED	WATER DEPTH	RECORDER SCALE	RECORDER SWEEP	RECORDER SHOOT	FILTERS HIGH	FILTERS LOW	POWER
	272	1357		53		AVM	ANSI	71	X				SOR #71	230	4.8	46	1 7/8 ips					
	272	1709	30	53		"	"	71		X			EOR #71	225	5.0	35	"					
	272	1712	10	53		"	"	72	X				SOR #72	225	5.0	34	"					
	272	1745		53		AVM	ANSI	72				X	EOL 53	230	5.0	32	"					
	273	0545		54		AVM	ANSI	72			X		SOL #54	210	4.5	43	3 3/4					
	273	0634		54		AVM	ANSI	72					C/speed	210	4.5	44	1 7/8					
	273	0736		54		AVM	ANSI	72					EOR #72	210	4.5	44	"					
	273	0732	30	54		AVM	ANSI	73					SOR #73	210	4.5	44	"					
	273	1049		54		AVM	ANSI	73		X			E.OR 73	210	4.5	45.5	1 7/8					
	273	1052		54		AVM	ANSI	74	X				S.O.R 74	210	4.5	45.5	1 7/8					
	273	1406		55		"	"	74		X			EOR 74	285	4.5	47	"					
	273	1408		55		"	"	75	X				SOR 75	285	4.5	47	"					
	273	1700		55		AVM	ANSI	75				X	SOL #55	025	4.5	42.5	"					
	274	0054		56		AVM	ANSI	75			X		S.O.L #56	015	4.5	43.5	1 7/8 IPS					
	274	0916		56		AVM	ANSI	75		X			E.O.R 75	015	4.5	43.5	1 7/8 IPS					
	1-3	5-8	9, 10	12-15	16-19	21-23	25-28	29-33	37	38	39	40										

* PLEASE RIGHT-JUSTIFY THESE ENTRIES

** DO NOT ENTER ST/END OF LINE ON THIS FORM (FOR KEYPUNCHING)

MDIG 1/77

U.S.G.S. ACOUSTIC EQUIPMENT LOG

LEG 1 EQUIP. TYPE ANALOG MAG TAPE RECORDER PAGE 15/14 OF 18

LOCATOR D1 (ID.) - 85 (YR.) - AR (AREA) (COL. 73-80) TOW DIST./DEPTH: SOURCE _____ RECEIVER PHILLIPS/BARNES SHIP DISCOVERER

RECORDER TYPE/NO. HP3968A CHIEF SCIENTIST _____

PUNCH FLAG	TIME & POSITION * JULIAN DAY	GMT HR.-MIN.	GMT SEC.	LINE NO. **	STA. NO. OR SHOT POINT *	MEDIA/SPEC. CODE 3 LETT'S	ARCHIVE NO. DATA/EQUIP. CODE 4 LETTERS	ARCHIVE NO. ROLL, REEL OR SEQUENCE NO. * 5 LET/NO.	'X' IN ONE BOX ONLY S/E OF ROLL, REEL STRT	S/E OF ROLL, REEL END	DATA/SYST RECORDING ON	DATA/SYST RECORDING OFF	COMMENTS	COURSE	SPEED	WATER DEPTH	RECORDER SCALE	RECORDER SWEEP	RECORDER SHOOT	FILTERS HIGH	FILTERS LOW	POWER
	274	0918	42	56		AVM	AN81	76	X				S.O.R 76	015	4.5	42.5	1 7/8 IPS					
	274	1231		56		"	"	76		X			EOR 76	025	4.5	44	"					
	274	1232		56		"	"	77	X				SOR 77 EOL 56 SOL 57 1330	025	4.5	44	"					
	274	1547		57		"	"	77		X			EOR 77	280	4.5	46	"					
	274	1548		57		"	"	78	X				SOR 78	280	4.5	46	"					
	~~274~~	~~1330~~		~~57~~									~~EOL #56, SOL #57~~									
	274	1645		57		"	"	78				X	EOL #57	203	4.5	46.5	"					
	275	0758		TRAN		"	"	78			X		Sys on sol #58 0800	200	4.5	46.5	"					
	275	1020		58				78		X			End Rel 78			46						
	275	1022		58		"	"	79	X				start Rel 79	200	4.5	46.	"					
	275	1337		59		"	"	79		X			EOR 79	317	4.2	53	"					
	275	1338		59		"	"	80	X				SOR 80	"	"	"	"					
	275	1652		059		"	"	80		X			EOR 80	320	4.5	56.5	"					
	275	1654		059		"	"	81	X				SOR 81	320	4.5	56.5	"					
	275	2010						81		X			End rel 81	322	4.5	56.5	"					
	1-3	5-8	9, 10	12-15	16-19	21-23	25-28	29-33	37	38	39	40										

* PLEASE RIGHT-JUSTIFY THESE ENTRIES

** DO NOT ENTER ST/END OF LINE ON THIS FORM (FOR KEYPUNCHING)

MDIG 1/77

U.S.G.S. ACOUSTIC EQUIPMENT LOG

LEG 1 EQUIP. TYPE Analog Magtape Recorder PAGE 16 OF 18

LOCATOR D1 (ID.) – 85 (YR.) – AR (AREA) (COL. 73-80) TOW DIST./DEPTH: SOURCE _____ RECEIVER _____ SHIP DISCOVERER

RECORDER TYPE/NO. HP 3968A CHIEF SCIENTIST Phillips/Barnes

PUNCH FLAG	TIME & POSITION * JULIAN DAY	GMT HR.-MIN.	GMT SEC.	LINE NO. **	STA. NO. OR SHOT POINT	MEDIA/SPEC. CODE 3 LETT'S	ARCHIVE NO. DATA/EQUIP. CODE 4 LETTERS	ARCHIVE NO. ROLL, REEL OR SEQUENCE NO. 5 LET/NO. *	'X' IN ONE BOX ONLY S/E OF ROLL, REEL STRT	S/E OF ROLL, REEL END	DATA/SYST RECORDING ON	DATA/SYST RECORDING OFF	COMMENTS	COURSE	SPEED	WATER DEPTH	RECORDER SCALE	RECORDER SWEEP	RECORDER SHOOT	FILTERS HIGH	FILTERS LOW	POWER
	1-3	5-8	9, 10	12-15	16-19	21-23	25-28	29-33	37	38	39	40										
	275	20,12		59		AVM	ANSI	82	X				start 82	322	4.5	~~47.5~~ 57	1 7/8 ips					
	275	~~2035~~ 2035		59		"	"	82				X	off at EOL 59	322	4.5	57	"					
	276	1,14,1		60		"	"	82			X		on - SOL 60	119	4,5	47	1 7/8 ips					
	276	1,43,2		60		"	"	82		X			EOR #82	113	4.2	46	"					
	276	1,43,4		60		"	"	83	X				SOR #83	"	"	"	"					
	276	1,74,9	4,3	060		AVM	ANSI	83		X			EOR 83	108	4.5	46	1 7/8 ips					
	276	1,75,2	3,0	060		AVM	ANSI	84	X				SOR 84	108	4.5	46	1 7/8 ips					
	276	21,04		060		AVm	ANSI	84		Y			E.O.R 84	118	45	38.5	"					
	276	21,11		060		AVm	ANSI	85	X				S.O.R 85	118	4.5	38.5	"					
	276	21,30		60		"	"	85				X	~~EOR~~ End line 60	118	4.5	37.5	"					
	277	07,15		61				85			X		Sys on SOL #61	310	4.5	30.5	"					
	277	09,55		62		AVm	ANSI	85		X		\	E.O.R 85	270	4.5	38.5	1 7/8 ips					
	277	10,00		62		AVm	ANSI	86	X				S.O.R 86	270	4.5	38.5	1 7/8 ips					
	277	~~1121~~ 1121		~~62~~		"	"	86				X	tape formed wrapped on capstan.									
	277	1,1,22				"	"	86			X		Operation restored									

* PLEASE RIGHT-JUSTIFY THESE ENTRIES

** DO NOT ENTER ST/END OF LINE ON THIS FORM (FOR KEYPUNCHING)

MDIG 1/77

U.S.G.S. ACOUSTIC EQUIPMENT LOG

LEG 1 EQUIP. TYPE Analog magtape recorder PAGE 17 OF 18

LOCATOR D1 (ID.) – 85 (YR.) – AR (AREA) (COL. 73-80)

TOW DIST./DEPTH: SOURCE _____ RECEIVER _____ SHIP DISCOVERER

RECORDER TYPE/NO. HP 3968 A CHIEF SCIENTIST Phillips/Barnes

PUNCH FLAG	TIME & POSITION * JULIAN DAY	GMT HR.-MIN.	GMT SEC.	LINE NO. **	STA. NO. OR SHOT POINT	MEDIA/ SPEC. CODE 3 LETT'S	ARCHIVE NO. DATA/EQUIP. CODE 4 LETTERS	ARCHIVE NO. ROLL, REEL OR SEQUENCE NO. 5 LET/NO. *	'X' IN ONE BOX ONLY S/E OF ROLL, REEL STRT	S/E OF ROLL, REEL END	DATA/SYST RECORDING ON	DATA/SYST RECORDING OFF	COMMENTS	COURSE	SPEED	WATER DEPTH	RECORDER SCALE	RECORDER SWEEP	RECORDER SHOOT	FILTERS HIGH	FILTERS LOW	POWER
	277	1320		62		AVM	ANSI	86		X			EOR 86	270	4.5	43	1 7/8 ips					
	277	1321		62		"	"	87	X				SOR 87	"	"	"	"					
	277	1630		62		AVM	ANSI	87				X	End of Line 062				1 7/8 ips					
	278	0841		63		AVM	ANSI	87			X		SOL 63	290	4.5	29.5	1 7/8 ips					
	278	0848		63		AVM	ANSI	87		X			E.O.R 87	290	4.5	31.5	1 7/8 IPS					
	278	0850		63		AVM	ANSI	88	X				S.O.R 88	290	4.5	32						
	~~278~~	~~1700~~		~~63~~		~~AVM~~	~~ANSI~~	~~8~~														
	278	1206		63		AVM	ANSI	88		X			EOR #88	290	4.5	41	"					
	278	1208		63		AVM	ANSI	89	X				SOR #89	290	4.5	41	"					
	278	1520		63		AVM	ANSI	89		X			EOR #89	290	4.5	45	"					
	278	1547		63		AVM	ANSI	90	X				SOR #90	290	4.5	45	"					
	278	1700		63		AVM	ANSI	90		X			EOL #63/EOR 90	290	4.5	48	"					
	279	0648		64		AVM	ANSI	90	X				SOL #64 Sys On	228	4.5	36	33/4					
	279	0730		64		AVM	ANSI	91					Profiler signal added	225	4.7	37 3/4	3 3/4					
	279	0905		64		AVM	ANSI	91			X		Sys. ON	225	4.5	39	3 3/4					
	1-3	5-8	9, 10	12-15	16-19	21-23	25-28	29-33	37	38	39	40										

* PLEASE RIGHT-JUSTIFY THESE ENTRIES

** DO NOT ENTER ST/END OF LINE ON THIS FORM (FOR KEYPUNCHING)

MDIG 1/77

U.S.G.S. ACOUSTIC EQUIPMENT LOG

LEG 1 EQUIP. TYPE Analog Magtape Recorder PAGE 18 OF 18

LOCATOR D1 (ID.) - 85 (YR.) - AR (AREA) (COL. 73-80) TOW DIST./DEPTH: SOURCE _____ RECEIVER _____ SHIP DISCOVERER

RECORDER TYPE/NO. HP 3968A CHIEF SCIENTIST PHILLIPS/BARNES

PUNCH FLAG	TIME & POSITION * JULIAN DAY	GMT HR.-MIN.	GMT SEC.	LINE NO.	STA. NO. OR SHOT POINT	ARCHIVE NO. MEDIA/SPEC. CODE 3 LETT'S	DATA/EQUIP. CODE 4 LETTERS	ROLL, REEL OR SEQUENCE NO. 5 LET/NO.	'X' IN ONE BOX ONLY S/E OF ROLL, REEL STRT	END	DATA/SYST RECORDING ON	OFF	COMMENTS	COURSE	SPEED	WATER DEPTH	RECORDER SCALE	SWEEP	SHOOT	FILTERS HIGH	LOW	POWER
	279	0933		** 64		AVM	ANSI	91 *		X			end reel 91	220	4.0	40.5						
	279	0934		64		AVM	ANSI	92	X				start reel 92	220	4.0	40.5						
	279	1110		64		AVM	ANSI	92		X			end reel 92			40						
													- last reel -									
	1-3	5-8	9, 10	12-15	16-19	21-23	25-28	29-33	37	38	39	40										

* PLEASE RIGHT-JUSTIFY THESE ENTRIES

** DO NOT ENTER ST/END OF LINE ON THIS FORM (FOR KEYPUNCHING)