104929

USGS - BAMG

SEISMIC/GEOPHYSICS LOG

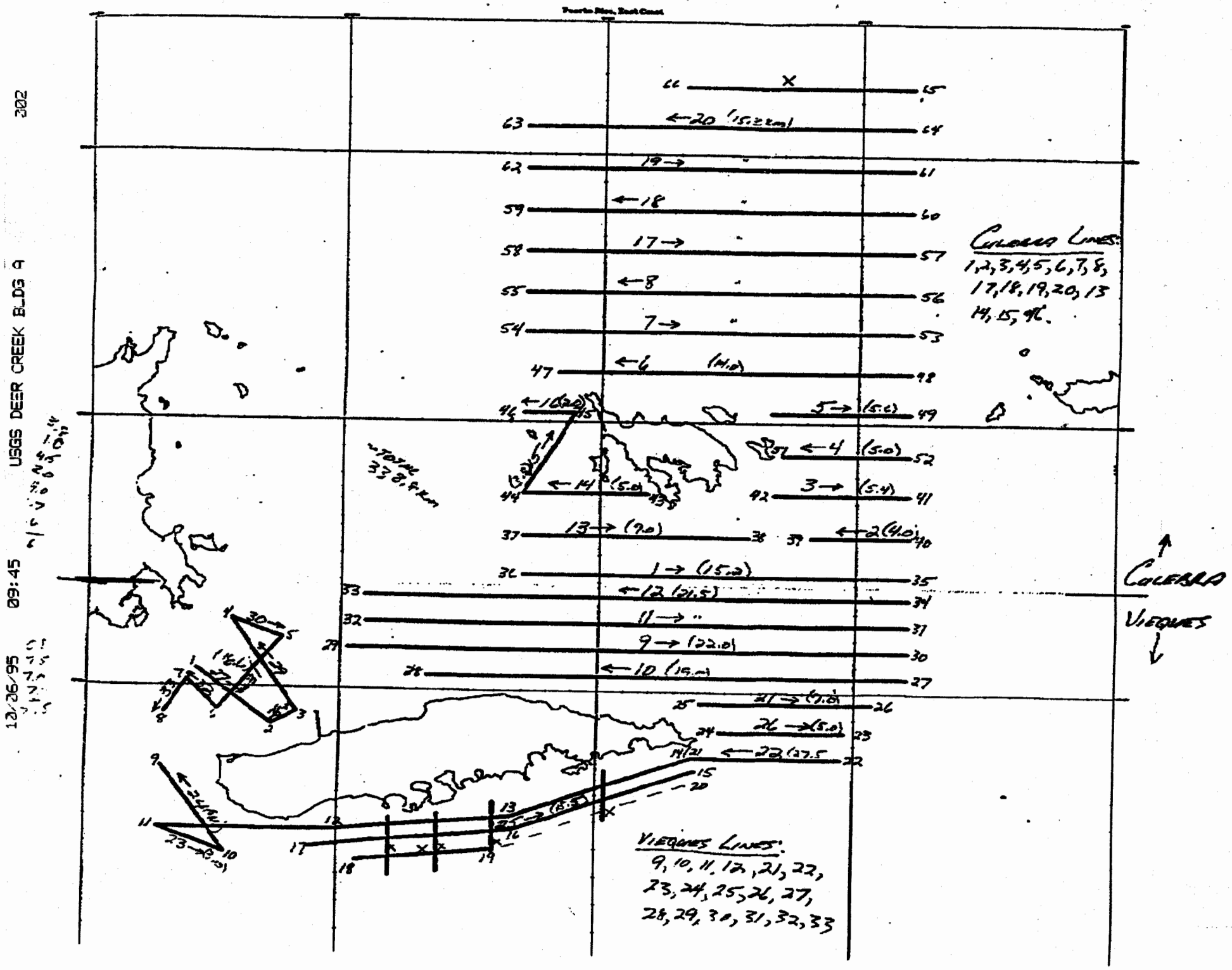
SHIP: R/V ISLA MAGUEYES

CRUISE: M1-95-AR MGYS95021

AREA: PUERTO RICO (CULEBRA-VIEQUES)

DATES: 12-23 JULY 1995

CHIEF SCIENTIST: MONTY HAMILTON


Puerto Rico, East Coast
302
USGS DEER CREEK BLDG 9
09:45
12/06/95
Culebra Lines:
1,2,3,4,5,6,7,8,
17,18,19,20,13
14,15,9C.
Vieques Lines:
9,10,11,12,21,22,
23,24,25,26,27,
28,29,30,31,32,33
Culebra
Vieques
Total 33.8 km

SHIP: R/V ISLA MAGUEYES

CRUISE: M1-95-PR

DATES: 12-23 JULY 1995

AREA: PUERTO RICO (CULEBRA-VIEQUES)

CHIEF SCIENTIST: MONTY HAMPTON

PERSONNEL/AFFILIATION/FUNCTION

MONTY HAMPTON (USGS-BPMA) CHIEF SCIENTIST

MIKE THOMPSON (USGS-BPMA) CO-CHIEF SCIENTIST

JUAN TRIAS (USGS-BPMA) WATCH STANDER

DAVE NICHOLS (USGS-BPMA) OPS. TECH 7/12-7/13

KEN PAROLSKI (USGS-BPMA) OPS. TECH 7/14-

* LOCAL TIME IS 4 HRS. BEHIND GMT.

Line#	YrMoDy +JulDy	GMT ~~Time +Zone~~	Crs	Spd	Navigation	Seismic System Sweep/Fire/Filters	Tape# ~~Disk#~~	Roll#	Magnets Gravity	Comments
TR	7/12/95 193	1115								STOP TO DEPLOY GEAR
TR		1122				3.5 KHZ 1/8 / 1/2 SEC		1		START 3.5 @ 1/2 SEC All OK
TR		1134				BOOMER 1/4 / 1/2 SEC	1			START BOOMER All OK ~28m
		1145					1			DAVE NICHOLS ADJUSTING TAPE DRIVE
		1158				BOOMER 1/8 / 1/2 S				BOOMER TO 1/8S SWEEP
1	193	1230	090	4.2			1			SOL #1
		1301				INCR. GAIN ON 3.5				
		1515				END TAPE #1	1			NOTICE TAPE ON HP STOPPED UNEXPLICITLY
1	193	1520								EOL #1
TURN	193	1526				SOT #2	TAPE 2			TURN TO LINE 2
2	193	1549				SOL 2				SOL 2
		1606				MOVE Hydrophones to PORT SIDE TOW POINT UNIBOOM CHANGED				
		1607				MOVE STREAMER BACK to STARBOARD				
2		1635								EOL 2
3		1706				SOL 3				SOL 3
3		1810				EOL 3				EOL 3
4		1836				SOL 4	2	1		SOL 4
4		1856					2			END TAPE 2

Line#	YrMoDy +JulDy	GMT Time +~~Zone~~	Crs	Spd	Navigation	Seismic System Sweep/Fire/Filters	Tape# ~~Disk#~~	Roll#	Magnets Gravity	Comments
4	7/12/95 193	1859			GPS	1/8 SEC / 1/2 SEC / BOTH 3.5 + BOOMER	3	1		START TAPE 3
4	193	1935								EOL 4
5	193	1957								SOL 5
5	**193**	**2100**			GPS		3			**EOL 5** SYSTEMS OFF
TRAN										TRANSIT TO ST. THOMAS
7/13/95 TRAN	194	1000								TRANSIT FROM ST. THOMAS
6	194	1145			GPS	1/8 S / 1/2 S 3.5kH/3 & BOOMER	3	1		SOL #6
6	194	1249					3			END TAPE 3
6	194	1250					4			UNIBOOM DOWN; START TAPE 4
6	194	1259								BOOMER ON
6	194	~~13~~1424								EOL 6
7	194	1457								SOL 7
7	194	1551					4			Tape Deck off Line.
7	194	1605								TAPE DECK ON LINE
7	194	1607					4			END TAPE 4
7	194	1615					5			START TAPE 5
7	194	1619								TAPE DECK OFF - NOT WORKING
7	194	1736					5			TAPE DECK BACK ON LINE - CLEAN HEADS

Line#	YrMoDy +JulDy	~~Time~~ GMT +Zone	Crs	Spd	Navigation	Seismic System Sweep/Fire/Filters	Tape# ~~Disk#~~	Roll#	Magnets Gravity	Comments
7	7/13/95 194	1744	90	5.1	GPS	1/8 s / 1/2 s / 3.5KHz + BOOMER	5	1	NO	EOL 7
8	194	1807								SOL 8
8	194	1927								REDUCE SPEED STREAMER REPOSITION ~~[illegible]~~
8	194	1932		5.0						RESUME SPEED.
8	194	2020					5			END TAPE 5
8	194	2025					6			START TAPE 6
8	194	2105								EOL 8
TRAN	194	~2200								TRANSIT TO ROOSEVELT FORDS
TRAN	7/14/95 195	~1200			GPS					TRANSIT to SOL #9 WP # 29-30. SHAKEDOWN
9	195	1400			GPS	1/8 s / 1/2 s / 3.5KHz + BOOMER	6	1		SOL 9
9	195	1429				BOOMER: 1/8 / 1/2 s 3.5KHz: 1/8 / 1/4 s				3.5KHz FIRING RATE INCR. TO 1/4 s.
9	195	1549					6			CHANGE Speed on Tape TO 3 3/4
9	195	1607					6			END TAPE 6
9	195 195	1610 1757					7			EOL #9 ← 1610 - TAPE 7
TR	195	1815						1		EOR #1
10	195	1818	262.7	4.4	GPS			2		SOL #10 / SOR #2
10	195	1902					7			END TAPE 7
10	195	1905					8			START TAPE 8

	Line#	~~YrMoDy~~ +JulDy	GMT ~~Time~~ ~~+Zone~~	Crs	Spd	Navigation	Seismic System Sweep/Fire/Filters	Tape# ~~Disk#~~	Roll#	Magnets Gravity	Comments
7/14/95	10	195	2147	266.4 ~~56~~	5.6	GPS	3.5KHz: 1/8S/1/4S Boomer: 1/8S/1/2S	8	2	N/A	EOL 10
											TRANSIT TO ROOSEVELT ROADS
7/15/95	11	196	1101	92.8	4.5		3.5KHz: 1/8S/1/4S Boomer: 1/8S/1/2S	8	2		SOL 11
	11	196	1135					8			END TAPE 8
	11	196	1138					9			START TAPE 9
	11	196	1441					9			END TAPE 9
	11	196	1445					10			START TAPE 10
	11	196	1506					10			EOL 11
	12	196	1518								SOL 12
			~~1518~~								
	12	196	1750					10			END TAPE 10
	12	196	1756					11			START TAPE 11
	12	196	1910					11			EOL #12
	TRAN	196	1911								START TRAN to SOL 13
	TRAN	196	2015								END TRAN TO SOL 13
	13	196	2018					11			SOL 13
	13	196	2140					11			END TAPE 11
	13	196	2142					12			START TAPE 12

	Line#	~~YrMoDy~~ +JulDy	GMT ~~Time~~ ~~+Zone~~	Crs	Spd	Navigation	Seismic System Sweep/Fire/Filters	Tape# ~~Disk#~~	Roll#	Magnets Gravity	Comments
7/15/95	13	196	2157	86	5.1	GPS	3.5KHz: 1/8 S/1/4 S BOOMER: 1/8 S/1/2 S/500-2KHz	12	2	N/A	EOL #13
	13	196	2200			"	"	12	2	N/A	TRANSIT to Culebra
		197	1030			"	"				LV. culebra - DEPLOY GEAR
7/16/95 →	14	197	1042	267	5.5	"	"	12	2		SOL #14
	14	197	1130	269	4.9	"	"	12	2	N/A	EOL #14
	15	197	1130	269	4.9	"	"	12	2	N/A	SOL #15
	15	197	1210	40.1	6.4			12	2	N/A	EOL 15
	16	197	1210	"	"			12	2	N/A	SOL 16
	16	197	1234	289.7	5.3			12	2	N/A	EOL 16
	TR	197	1235	355	7.9	GPS		12	2	N/A	TRAN to SOL 17
	TR	197	1307								0.032ms DELAY
	17	197	1345	117	3.5	GPS	"	12	2	N/A	SOL 17
	17	197	1347					12			END TAPE 12
	17	197	1351					13			START TAPE 13
	17	197	1643	5.2	94			13	2	N/A	EOL 17
	TR	197	1659					13			END TAPE 13
	18	197	1701	4.8	262						SOL #18
		197	1702					14			START TAPE 14

	Line#	~~YrMoDy~~ +JulDy	GMT ~~Time~~ ~~+Zone~~	Crs	Spd	Navigation	Seismic System Sweep/Fire/Filters	Tape# ~~Disk#~~	Roll#	Magnets Gravity	Comments
7/16/95	18	197	1950	270	5.1	GPS	3.5kHz: 1/8S/1/4S 1/4S Boomer: 1/8S/1/2S	14	2	N/A	EOL 18
	19	197	2007	82	4.1	"	"	14	2	N/A	[redacted] SOL 19
	19	197	2010	84.6	4.6	"	"	14	2	N/A	END TAPE 14
	19	197	2015	97.9	4.7	"	"	15	2	N/A	START TAPE 15
	19	197	2030			"	"	15	2	N/A	SUSPEND LINE (GETTING LATE) TRANSIT TO GALEORA
7/17/95	TR	198	1148								SYSTEMS Deployed STEAM TO RECOVERY LINE 19
	19	198	1151	127.3	4.7	"	"	15	2	N/A	SOL [redacted] 19
	19	198	1334	86	4.8	"	"		2		EOL 19 / EOR #2
	20	198	1351	253	5.2				3		SOL 20 / SOR #3
	20	198	1400					15			END TAPE 15
	20	198	1405					16			START TAPE 16
	20	198	1622					16	3		~~SEISMICS DOWN~~ BOOMER ~~(3.5kHz & BOOMER)~~ DOWN
	20	198	1638	272	4.1	"	"	16	3		EOL 20
7/19/95	TR	200	1230					16	3		TRANSIT FROM Roosevelt ROADS to SOL #21 w/ "FWP" Personnel -
			~~1252~~								
			1252								SEISMICS DOWN
			1341								RECOVER SEISMICS DEPLOY to STATION 37
	TR	200	2334					16	3	N/A	DEPLOY SEISMICS TRAN TO SOL #21

Line#	YrMoDy +JulDy	Time +Zone (GMT)	Crs	Spd	Navigation	Seismic System Sweep/Fire/Filters	Tape# Disk#	Roll#	Magnets Gravity	Comments
7/19/95 21	200	2348	126	4.2	GPS	3.5KHZ: 1/8s / 1/4s BOOMER: 1/8s / 1/2s	16	3	N/A	SOL #21
	201	0025				"	16			END TAPE 16
	201	0030					17			START TAPE 17
21	201	0106	086	6.2	GPS		17			EOL 21 TRANSIT TO 22
22	201	0150	268	5.5	GPS	"	17	3		SOL 22
22	201	0303	267	4.9			17	3		CHANGES COURSE (#1)
22	201	0408					17	3		END TAPE 17
22	201	0412					18	3		START TAPE 18
	201	0429								C/C W.P. 13 → 12
	201	0535								C/C W.P. 12 → 11
		0548					18	3		RECORDER STOPPED FROM 0535-0548Z AFTER BEING FAST FORWARDED
23	201	0645	119	4.6	"		18	3		SOL 23
	201	0722					18			END TAPE 18
	201	0725					19			START TAPE 19
	201	0721								END LINE 23
	201	0723								SOL 24
	201	0811	317	3.7			19			EOL 24

STOP TO RE-SECURE 3.5KHZ FISH

3.5KHZ OFF TEMPORARILY

Line#	YrMoDy +JulDy	~~Time +Zone~~ GMT	Crs	Spd	Navigation	Seismic System Sweep/Fire/Filters	Tape# Disk#	Roll#	Magnets Gravity	Comments
TR	201	0824			GPS	3.5 kHz BOOMER	19	3	N/A	ALL SYSTEMS ON TRAN TO LINE 25
7/20/95 25	201	0948	098	4.3			19	3		SOL 25
25	201	1050	084	4.9			19	3		END TAPE 19
25	201	1054	084	4.9			20	3		START TAPE 20
25	201	1305	074	4.6			20	3		EOL 25
26	201	1322	036	5.5			20	3		SOL 26
26	201	1421	092	4.4			20	3		EOL 26
27	201	1710	117	5.4			20	3		SOL 27
27	201	1720					20	3		END TAPE 20
27	201	1724					21	3		START TAPE 21
~~27~~	201	1748	128	5.4			21	3		EOL 27
28	201	1748	128	5.4			21	3		SOL 28
28	201	1802	054	4.1			21	3		EOL 28
29	201	1802	054	4.1			21	3		SOL 29
29	201	1848	086	4.1			21	3		EOL 29
30 ~~29~~	201	1848	086	4.1			21	3		SOL 30
30	201	1914	115	4.5			21	3		EOL 30
31	201	1914	115	4.5			21	3		SOL 31

Line#	~~YrMoDy~~ +JulDy	GMT ~~Time +Zone~~	Crs	Spd	Navigation	Seismic System Sweep/Fire/Filters	Tape# ~~Disk#~~	Roll#	Magnets Gravity	Comments
31	201	1950			GPS	3.5 kHz BOOMER	21	3	N/A	EOL 31
32	"	"			"	"	"	"		SOL 32
32	201	2006	320	6.2	"	"	"	"	"	EOL 32
33	"	"	320	6.2	"	"	"	"	"	SOL 33
TRA	201	2033	208	5.8	"	"	"	"	"	EOL 33
										END CRUISE TRANSIT to ROOSEVELT ROADS