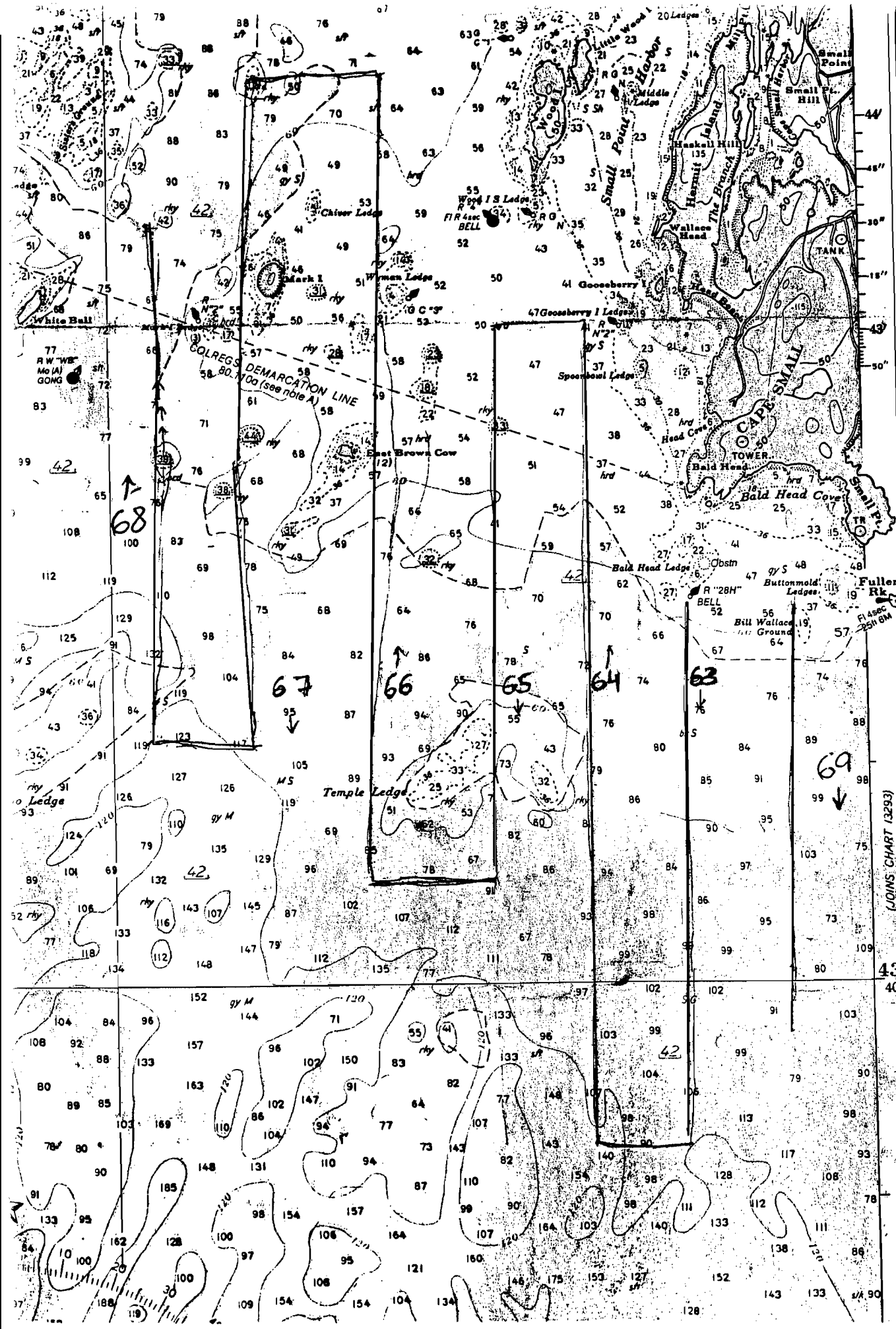


OLD DUFF ODUF 99048
Boynevich, Fitzgerald/Paddy
Small Point-Popham Beach, ME
Aug 31-Sept, 1979

$\frac{125}{90}$ = FIRST DAY – 31 AUG.

	Line#	YrMoDy +JulDy	Time +Zone	Crs	Spd	Navigation	Seismic System Sweep/Fire/Filters	Tape# Disk#	Roll#	Magnets Gravity	Comments	
	L1F1	31 AUG	12:13				1/4 sec, 18m					
START	L2F1		19:47				1/8 sec, 9m				55 & 55R	BOOMER
END			20:04				↓ 200J					
	L3F1		20:18								55	SPARKE
			20:31									↓
	L4		20:33								55R	~~SPARKE~~ (SP,
			20:42									
	L5		20:45				low frequency, 100J				55	SP
			20:57									
	L6		21:00				higher frequency 0.3-2 kHz 300J					SP
			22:03								Fort Tophem	

SECOND DAY WESTERN DELTA -99 d:\maine.dat\test3

SS-63

	Line#	YrMoDy +JulDy	Time +Zone	Crs	Spd	Navigation	Seismic System Sweep/Fire/Filters	Tape# Disk#	Roll#	Magnets Gravity	Comments
	d:\maine.dat\ test3	1 SEPT	14:38			DEPTH	500 msec scale 18m				R 28 H buoy
		eol	15:71				20 msec delay (few inches into record) - seaward				
64	L8F1		15:30				250 mSec				
							15:51 lost record				
							15:59 back on line				
			16:05	39		78.5					
			09	–		75.5					
			13	–		64					
			17	–		55					
			21	–		49					
			25	–		45					
			29	–		42					
			16:33	–							
65	L9		16:40								buoy 4 → seaward
			42	44		51					
			46	–		52					

FINA RECO

ONLY DIGIT RECO

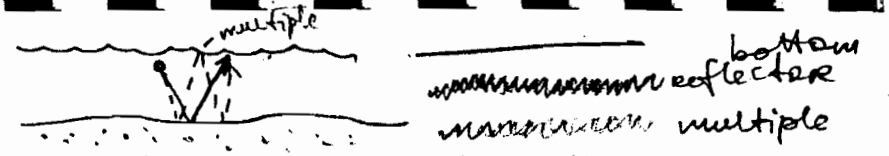
65

Line#	YrMoDy +JulDy	Time +Zone	Crs	Spd	Navigation	Seismic System Sweep/Fire/Filters	Tape# Disk#	Roll#	Magnets Gravity	Comments
L9F1	BL	16:40			DEPTH(FT)					Red #4 (Wooc
		42	44		51					seaward
		46	–		52	record gone				
						(loop)				
L9F2	CONT START	17:01			52	back on line				
		05	18		54					
		09	–		54					
		13	–		55.8					
		17	–		57					
		21	–		62					
		25	–		70					
		29	–		79					
		33	–		83					
		37	18		84					
		41	–		87					
		45	–		93					
		49	/		103					
L9F2	END	50								

12.5 ms = 9.37
10 ms = ~8 m

Line#	YrMoDy +JulDy	Time +Zone	Crs	Spd	Navigation	Seismic System Sweep/Fire/Filters	Tape# Disk#	Roll#	Magnets Gravity	Comments
6566 L10 F1		18:04			DEPTH					E → W (connect 6566)
		06	33		108					
		18:07	33						TURN	LANDWARD
		10	33		80					
		14	–		51					
		18	–		106					
		22	–		96					
		26	–		79					
		30	–		70					
		34	–		74					
		38	–		66	east of East Brown	Cow			
		42	–		68					
		46	–		66					
		50	–		35	Ulyman Ledges				
		54	–		68					
		58	–		68					
		19:02	33		75					
		06			76					

L10 END 19:09



Line#	YrMoDy +JulDy	Time +Zone	Crs	Spd	Navigation	Seismic System Sweep/Fire/Filters	Tape# Disk#	Roll#	Magnets Gravity	Comments
66-67L11 F1		19:12	12		Depth'					E → W
		16	12		80					(connect 66 to 6
67	START	19:19								TURN SEAWA # 6
		20	12		81					
		24	-		77					
		28	-		87					
		32	-		73					
		36	12		69	38:30 west of		Mark	Is.	
		40	-		70					
		44	-		67					
		48	-		72					
		52	12		80	Concave-up internal reflector over BR (Presumpsc (~ 32-46m below MSL)				
		56	/		76					
		20:00	12		88					
		04	/		94					
		08	/		108					
		12	/		124					
		16	12		131					
FL 67		20:19			138	43° 40' 931				

Line#	YrMoDy +JulDy	Time +Zone	Crs	Spd	Depth (ft) Navigation	Seismic System Sweep/Fire/Filters	Tape# Disk#	Roll#	Magnets Gravity	Comments
67-68 L12 F1		20:21	00		140					E → W connect 67 & 68
		25	00		140					
BL 68		20:27				TURN LANDWARD				
		29	00		132					
		33	–		130					
		37	–		134					
		41	–		133					
		45	–		117					
		53	–		70	ledges				
EL 68		21:10								

(69)

Line#	YrMoDy +JulDy	Time +Zone	Crs	Spd	Depth' Navigation	Seismic System Sweep/Fire/Filters	Tape# Disk#	Roll#	Magnets Gravity	Comments
L13		21:33	12		43					Bald Head Cove to s
		37	12		59	just N. of Bill	Wallace		Ground	
		41	✓		68					
		45	✓		90					
		49	12		103	BR low				
		53	✓		103	BR ledge (exposed)				
		57	✓		107	↑↓				
		22:01	12		117					
		05	✓		112					
		09	✓		102	ledge				
		13	✓		96	ledge				

date: 8/30 - 9/2/99 operating system: BOOMER / ELICS

format: SEGY application: version:

contents:

ME99048

MESGY.DAT

MENAV.DAT

MAINE.DAT (ELICS)

R/V OLD DUFF

POPHAM BEACH MAINE

CART 1 of 1

Boston University

Department of Earth Sciences
685 Commonwealth Avenue
Boston, Massachusetts 02215
(617) 353-2532
(617) 353-3290 fax

COPY

10 September 1999

Dr. William Schwab
U.S. Geological Survey
384 Woods Hole Road
Quissett Campus
Woods Hole, MA 02543

Dear Bill,

Thank you for sending the copies of our report. As always, Ken was sensational instrumental in running the seismic equipment and tuning the machine so that we dot some internal reflectors which will allow to better decipher the depositional history of the region. A number of transects in the Small Point region that we ran last week show a more complicated story that was previously pictured for the area. The data were stored on hard drive and I will try to come down and learn some processing tricks from Dave Foster.

Thank you very much for the opportunity to collect more seismic information and enlarge our database. We will keep you updated on our research.

Sincerely,

Ilya and Duncan

Boston University

Department of Earth Sciences
685 Commonwealth Avenue
Boston, Massachusetts 02215
(617) 353-2532
(617) 353-3290 fax

10 September 1999

Ken Parolski
Marine Operations
U.S. Geological Survey
384 Woods Hole Road
Woods Hole, MA 02543

Dear Ken,

Thank you for the great time in the field. We learned a great deal more about the area, and as usual, the picture is more complicated than we had thought and also very interesting.

Enclosed are copies of transect logs with start and end times. I also recorded fathometer depths (in feet) every 4 minutes, and it will be most useful when I measure the depth to bedrock and sediment thickness along the transects.

I will contact Dave Foster to see if I can come by and learn some processing.

Thanks again,

Ilya and Duncan