NORTHEAST

ALL DATA AND INFORMATION SHOWN ON THIS CROSS SECTION ARE PROPRIETARY TO GEOPHYSICAL SERVICE INC. AND ITS AFFILIATES ('GSI') AND ARE FURNISHED BY GSI TO _____ ('COMPANY') FOR USE BY COMPANY UNDER RESTRICTIONS OF 'DISCLOSURE AND REPRODUCTION' CONTAINED IN THE 'AGREEMENT' BETWEEN GSI AND COMPANY DATED _____.

LINE 8

SHOTPOINTS 6 TO 717

BERMUDA TRIANGLE

OFFSHORE
EAST COAST USA

TRUE AMPLITUDE SECTION

FIELD DATA

FIELD PARTY	437
VESSEL	M/V JONSSON
DATE OF SHOT	APRIL 1974
ENERGY SOURCE	AIR GUNS
AIRGUN CAPACITY	1910 CU. IN.
SOURCE DEPTH	25 - 30 FEET
RECORDING INSTRUMENTS	DFS4 (21 TRACK)
GAIN CONTROL	I F P
RECORDING FILTERS LOW	8 HZ 18 DB/OCT
HIGH	62 HZ 72 DB/OCT
SAMPLE RATE	4 MSEC
RECORD LENGTH	7 SECONDS
STREAMER DEPTH	50 - 55 FEET
STREAMER LENGTH	TI 3600 M (A.C.) 48 TRACE
GROUP CENTER INTERVAL	50 METERS FARS (1-24)
	100 METERS NEARS (25-48)
IN-LINE SHOT OFFSET	306 METERS
SHOTPOINT INTERVAL	50 METERS
MULTIPLICITY	24 FOLD (TRACES 25-48)
	12 FOLD (TRACES 1-24)

DIGITAL PROCESSING

DATUM - SEA LEVEL

TRUE AMPLITUDE RECOVERY

ALPHA = 5.9 DB/SEC
T1 = WATER BOTTOM
T2 = 5.5 SEC BELOW WATER BOTTOM

TIME VARIANT DECONVOLUTION

WATER BOTTOM	FILTERS	LENGTH (MSEC)
131 FT	2	180
131 - 760 FT	2	292
760 FT	3	188

TIME VARIANT SCALING

GATE LENGTH = 500 MSEC
UNITY SCALARS
START TIMES WATER DEPTH DEPENDENT

VELOCITY ANALYSIS

MINI-700 PACKAGE VELOCITY ANALYSIS
SCATTERGRAMS AT 2 MILE INTERVALS

NORMAL MOVEOUT CORRECTION

VELOCITY ANNOTATION ON SECTION HEADING

FIRST BREAK SUPPRESSION

SEE TAPER ON RECORD

CDP STACK

48 FOLD WITH ADJACENT TRACE MIX OF FAR TRACES
(TRACES 1-24 = 12 FOLD, 25-48 = 24 FOLD)

TIME VARIANT DECONVOLUTION

NOT APPLIED

TIME VARIANT FILTERING

TIME (MSEC.)	FILTER (HZ.)
WB + 1000	8-60

TIME VARIANT SCALING

NOT APPLIED

DISPLAY

WIGGLE TRACE VARIABLE AREA
24 TRACES/IN.
2.5 INCHES/SEC.

DISPLAY GAIN INPUT	
CDP	ALL
GAIN	TIME
60.0	5000

GEOPHYSICAL SERVICE INCORPORATED
(A SUBSIDIARY OF TEXAS INSTRUMENTS INC.)

LB
13 APR 1975
PROCESSING CHECKED BY: D. MACKIE 20-51-02

CDP	SPN	VRMS FT/SEC	TIME MSEC
141	8	4850	2837
		5278	2582
		5861	2335
		6000	2500
		6471	2759
		7000	3000
		8100	3333
		8742	3563
		11000	4500
		12000	4999
		14300	8500

CDP	SPN	VRMS FT/SEC	TIME MSEC
205	12	4850	2739
		5201	2550
		5953	2587
		6783	2809
		8096	3000
		9993	3500
		10000	4125
		11000	5000
		12000	5500
		14000	8500

CDP	SPN	VRMS FT/SEC	TIME MSEC
269	156	4850	2750
		5299	2529
		5495	2880
		5892	3049
		6295	3337
		6495	3859
		8000	4000
		8592	4448
		10000	5000
		11000	5500
		13600	8500

CDP	SPN	VRMS FT/SEC	TIME MSEC
333	200	4850	2913
		5121	2647
		5396	2746
		5301	2981
		5673	3296
		6246	3666
		6486	4247
		8027	5041
		9800	5016
		12000	8500

CDP	SPN	VRMS FT/SEC	TIME MSEC
397	244	4850	2783
		5176	2617
		5298	3071
		5248	3329
		5429	3518
		6330	3845
		7000	4143
		7948	4881
		8395	5781
		9100	5895
		11300	8500

CDP	SPN	VRMS FT/SEC	TIME MSEC
461	288	4850	2883
		5176	2624
		5298	3179
		5179	3402
		5248	3681
		6378	4124
		7075	4577
		7845	5203
		8771	5895
		11300	8500

CDP	SPN	VRMS FT/SEC	TIME MSEC
525	332	4850	2936
		5211	2649
		5186	3595
		5644	3885
		5939	4202
		6370	4874
		6671	5178
		7434	5662
		8741	5984
		10000	8500

CDP	SPN	VRMS FT/SEC	TIME MSEC
589	376	4850	3139
		5294	3321
		5418	3879
		5670	3939
		5970	4191
		6366	4861
		6960	4895
		6968	5183
		7570	5383
		10000	8500

CDP	SPN	VRMS FT/SEC	TIME MSEC
653	420	4850	3293
		5294	3448
		5270	3914
		5437	3870
		5710	4197
		6024	4664
		6701	4897
		7944	5490
		7886	5741
		9900	8500

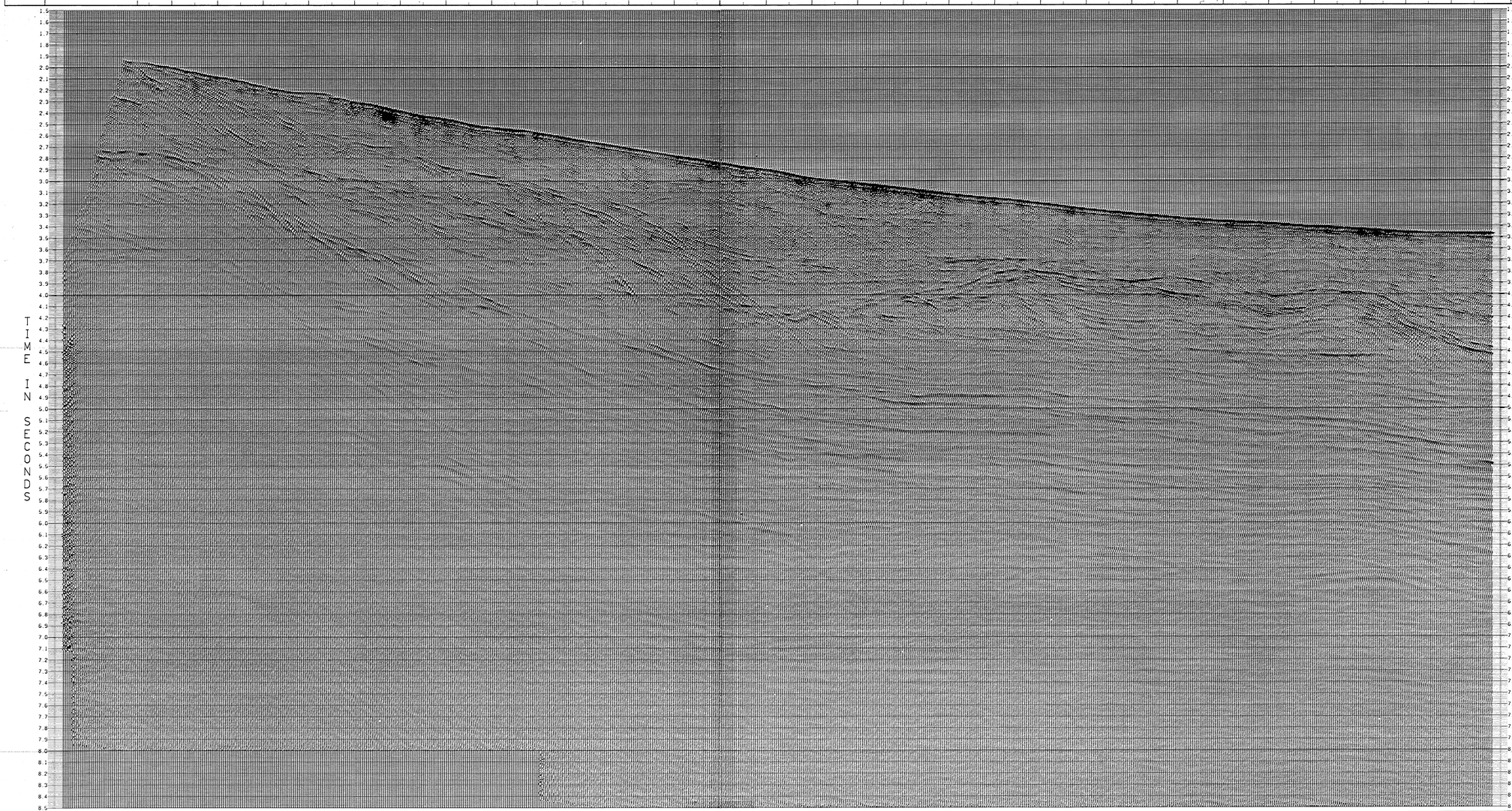
CDP	SPN	VRMS FT/SEC	TIME MSEC
717	464	4850	3391
		5237	3607
		5399	3932
		5689	4213
		5999	4481
		6503	5320
		7148	5847
		7992	6134
		8113	6484
		9700	8500

CDP	SPN	VRMS FT/SEC	TIME MSEC
781	508	4850	3409
		5200	3680
		5250	3985
		5792	4229
		5993	4479
		6395	5107
		6816	5389
		6969	5690
		7527	6493
		9200	8500

CDP	SPN	VRMS FT/SEC	TIME MSEC
845	552	4850	3433
		5200	3980
		5238	3989
		5750	4449
		5973	4624
		6395	5107
		6813	5389
		6840	5687
		7454	6298
		9200	8500

XLINES																														XLINES
			LINE 4 SP 5338																											
CDP	139	157	181	205	229	253	277	301	325	349	373	397	421	445	469	493	517	541	565	589	613	637	661	685	709	733	757	781	805	829	CDP
WD FT	4590	4733	4982	5201	5397	5593	5790	5924	6053	6194	6375	6557	6739	6898	7043	7187	7331	7483	7559	7655	7763	7907	7979	8045	8110	8172	8220	8268	8316	8364	WD FT
SPN	6	24	48	72	96	120	144	168	192	216	240	264	288	312	336	360	384	408	432	456	480	504	528	552	576	600	624	648	672	696	SPN

TIME IN SECONDS



TIME IN SECONDS

SBTJS2BL 18-001

13APR75 20-52-11

SBTJS2BL 18-002