SOUTHEAST →

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LINE 1

SHOTPOINTS 3962 - 2963

BERMUDA TRIANGLE

OFFSHORE
EAST COAST USA

SCALED SECTION

FIELD DATA

FIELD PARTY	:	437
VESSEL	:	M/V JONSSON
DATE SHOT	:	APRIL 1974
ENERGY SOURCE	:	AIR GUNS
AIRGUN CAPACITY	:	1310 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)
INLINE 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 = 5.5 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	15-42
WB + 1100	10-31
WB + 1900	8-30
WB + 4500	8-27

TIME VARIANT SCALING

UNITY SCALARS
START TIME = WATER BOTTOM
GATE LENGTH = 500 MSEC

DISPLAY

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

DISPLAY GAIN	
INPUT	
CDP	ALL
GAIN DB	TIME MSEC
-82.0	5000

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

tipcm

PROCESSING CHECKED BY : D. MACKIE

L1
16 MAY 1975
02:09:35

CDP 2893	SPN 3925
VRMS FT/SEC	TIME MSEC
4850	3040
5100	3120
5448	3266
5286	3493
5432	3846
5308	4222
5860	5040
6127	5503
6722	6226
8082	7559
9500	9000

CDP 2957	SPN 3861
VRMS FT/SEC	TIME MSEC
4850	3075
5117	3135
5395	3264
5369	3506
5451	3915
5324	4289
5594	4607
5872	4942
6269	5746
7669	7078
9600	9000

CDP 3021	SPN 3797
VRMS FT/SEC	TIME MSEC
4850	3105
5150	3175
5424	3366
5498	3510
5376	3828
5329	4368
5744	4949
6033	5451
6384	5857
7094	6747
9500	9000

CDP 3085	SPN 3733
VRMS FT/SEC	TIME MSEC
4850	3132
5195	3200
5400	3399
5468	3713
5385	3918
5301	4327
5686	4942
6096	5759
6973	6768
7405	7419
9000	9000

CDP 3149	SPN 3669
VRMS FT/SEC	TIME MSEC
4850	3158
5150	3220
5579	3473
5500	3674
5384	3952
5377	4515
5682	4981
6108	5762
7095	6810
7668	7486
9000	9000

CDP 3213	SPN 3605
VRMS FT/SEC	TIME MSEC
4850	3184
5183	3241
5639	3518
5481	3809
5332	4142
5383	4585
5652	4938
6260	5968
6616	6351
7553	7307
9000	9000

CDP 3277	SPN 3541
VRMS FT/SEC	TIME MSEC
4850	3211
5608	3424
5484	3744
5404	3983
5273	4496
5722	5012
5957	5614
6188	5866
6482	6199
6832	6741
9305	9000

CDP 3341	SPN 3477
VRMS FT/SEC	TIME MSEC
4850	3237
5512	3433
5426	3930
5266	4404
5450	4703
5645	4998
5868	5394
6060	5737
6395	6188
7097	7004
9400	9000

CDP 3405	SPN 3413
VRMS FT/SEC	TIME MSEC
4850	3260
5624	3448
5456	3833
5274	4478
5428	4746
5624	5068
5946	5678
6190	6000
6444	6486
7164	7097
9300	9000

CDP 3469	SPN 3349
VRMS FT/SEC	TIME MSEC
4850	3282
5450	3401
5588	3617
5492	3864
5244	4367
5443	4720
5612	5106
5843	5573
6176	6073
6611	6527
8700	9000

CDP 3533	SPN 3285
VRMS FT/SEC	TIME MSEC
4850	3305
5250	3375
5353	3578
5452	3881
5343	4035
5388	4686
5634	5153
5887	5542
6481	6346
6899	6896
9000	9000

CDP 3597	SPN 3221
VRMS FT/SEC	TIME MSEC
4850	3327
5250	3390
5466	3647
5438	4009
5303	4567
5682	5170
5986	5910
6372	6495
6743	6898
7151	7452
8800	9000

CDP 3661	SPN 3157
VRMS FT/SEC	TIME MSEC
4850	3348
5384	3502
5539	3763
5359	4095
5311	4664
5664	5175
5940	5875
6358	6309
6464	6618
6753	6930
8810	9000

CDP 3725	SPN 3093
VRMS FT/SEC	TIME MSEC
4850	3369
5631	3527
5509	3796
5470	4001
5338	4673
5663	5270
5998	5885
6445	6399
6669	6939
7228	7380
8600	9000

CDP 3789	SPN 3029
VRMS FT/SEC	TIME MSEC
4850	3389
5271	3455
5518	3703
5483	3962
5398	4180
5501	4470
5429	4730
5859	5906
6444	6627
7249	7477
8600	9000

CDP 3853	SPN 2965
VRMS FT/SEC	TIME MSEC
4850	3410
5636	3649
5649	3835
5428	3983
5359	4279
5600	5089
5681	5603
6100	6333
6450	6621
6469	6909
8900	9000

XLINES														
CDP	2858	2882	2906	2930	2954	2978	3002	3026	3050	3074	3098	3122	3146	3170
WD FT	7327	7359	7391	7423	7455	7486	7513	7537	7561	7585	7609	7633	7657	7681
SPN	3960	3936	3912	3888	3864	3840	3816	3792	3768	3744	3720	3696	3672	3648

XLINES														
CDP	3194	3218	3242	3266	3290	3314	3338	3362	3386	3410	3434	3458	3482	3506
WD FT	7705	7729	7753	7777	7800	7824	7848	7871	7891	7911	7932	7952	7972	7993
SPN	3624	3600	3576	3552	3528	3504	3480	3456	3432	3408	3384	3360	3336	3312

XLINES								LINE 8 SP 3971						
CDP	3530	3554	3578	3602	3626	3650	3674	3698	3722	3746	3770	3794	3818	3842
WD FT	8013	8033	8054	8073	8092	8111	8130	8149	8168	8187	8206	8225	8244	8263
SPN	3288	3264	3240	3216	3192	3168	3144	3120	3096	3072	3048	3024	3000	2976