SOUTHEAST

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 _____ AND ITS AFFILIATES ('COMPANY') FOR USE BY COMPANY UNDER RESTRICTIONS OF DISCLOSURE AND PURPOSE AS CONTAINED IN THE 'AGREEMENT' BETWEEN GSI AND COMPANY DATED _____, 19__.

LINE 1

SHOTPOINTS 1962 - 963

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
RECEIVING INSTRUMENTS	DFS-V (24 TRACK)
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	11 3600 M (A,C,) 48 TRACE
GROUP CENTER INTERVAL	150 METERS FARS (1-24)
	100 METERS NEARS (25-48)
IN-LINE SHOT OFFSET	300 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 = 5.0 DB/SEC
T1 : 0.5 SEC BELOW WATER BOTTOM
T2 : 5.5 SEC BELOW WATER BOTTOM

TIME VARIANT DECONVOLUTION

WATER BOTTOM	FILTERS	LENGTH (MSEC)
< 131 FT	2	180
131 - 760 FT	3	200
> 760 FT	3	188

TIME VARIANT SCALING

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

VELOCITY ANALYSIS

MINI-TOO 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.)
0 - 1100	15-42
1100 - 1900	10-30
1900 - 4500	8-30
4500 - 7000	8-27

TIME VARIANT SCALING

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

DISPLAY

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

DISPLAY GAIN

CDP	ALL
GAIN dB:	12DB 5000

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

PROCESSING CHECKED BY : D. MACKIE

26 APR 1976
23 52 57

XLINES																																					XLINES
CDP	4874	4898	4922	4946	4970	4994	5018	5042	5066	5090	5114	5138	5162	5186	5210	5234	5258	5282	5306	5330	5354	5378	5402	5426	5450	5474	5498	5522	5546	5570	5594	5618	5642	5666	5690	5714	5738	5762	5786	5810	5834	CDP
XD FT	9013	9064	9103	9138	9173	9208	9243	9279	9314	9349	9384	9419	9454	9489	9614	9514	9614	9514	9614	9514	9545	9588	9631	9674	9677	9669	9660	9651	9643	9637	9654	9671	9689	9706	9723	9740	9755	9733	9712	9690	9684	XD FT
SPN	1944	1920	1896	1872	1848	1824	1800	1776	1752	1728	1704	1680	1656	1632	1608	1584	1560	1536	1512	1488	1464	1440	1416	1392	1368	1344	1320	1296	1272	1248	1224	1200	1176	1152	1128	1104	1080	1056	1032	1008	984	SPN

TIME IN SECONDS

TIME IN SECONDS

SBTJS2BL 27-001 — 26APR75 23-54-13 — SBTJS2BL 27-002 — 26APR75 23-54-13 — SBTJS2BL 27-003