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 _____ (COMPANY) FOR USE BY COMPANY UNDER RESTRICTIONS OF DISCLOSURE AND REPRODUCTION CONTAINED IN THE "AGREEMENT" BETWEEN GSI AND COMPANY DATED _____.

LINE 4

SHOTPOINTS 2080 - 3079

BERMUDA TRIANGLE

OFFSHORE

EAST COAST USA

TRUE AMPLITUDE SECTION

FIELD DATA

FIELD PARTY	457
VESSEL	M/V JOHNSON
DATE SHOT	APRIL, 1974
ENERGY SOURCE	AIR GUNS
AIRGUN CAPACITY	1910 CU. IN.
SOURCE DEPTH	25 FEET
RECORDING INSTRUMENTS	DFS-V, 21 TRACK
GAIN CONTROL	F.P.
RECORDING FILTERS LOW	8 HZ 18 DB/OCT
HIGH	62 HZ, 72 DB/OCT
SAMPLE RATE	4 MSEC
RECORD LENGTH	6 SECONDS
STREAMER DEPTH	50 FEET
STREAMER LENGTH	FT 3655 M. (A.C.) 48 TRACE
GROUP CENTER INTERVAL	50 METERS, PAIRS (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 = 5.5 DB/SEC

T1 = WATER BOTTOM

T2 = 5.5 SEC BELOW WATER BOTTOM

TIME VARIANT DECONVOLUTION

WATER BOTTOM	FILTERS	LENGTH (MSEC)
T1 1760 FT	5	240
1760 FT	5	188

TIME VARIANT SCALING

DATE (EARTH) 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.)
AB = 1000	8-60

TIME VARIANT SCALING

NOT APPLIED

DISPLAY

MIDDLE TRACE VARIABLE AREA

24 TRACES/IN.

2.5 INCHES/SEC.

DISPLAY GAIN

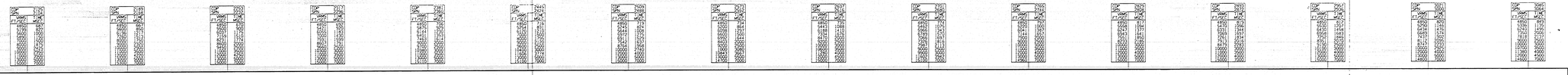
CDP	ALL
GAIN	LOG
MIN. 0	MAX. 5000

GEOPHYSICAL SERVICE INCORPORATED

(A SUBSIDIARY OF TEXAS INSTRUMENTS INC.)

PROCESSING CHECKED BY : D. MACKIE

30 MAY 1975 03:41:58



XLINES																																			XLINES
CDP	2109	2133	2157	2181	2205	2229	2253	2277	2301	2325	2349	2373	2397	2421	2445	2469	2493	2517	2541	2565	2589	2613	2637	2661	2685	2709	2733	2757	2781	2805	2829	2853	2877	2901	2925	2949	2973	2997	3021	3045	3069	3093	CDP
KD FT	1651	1614	1647	1616	1610	1624	1617	1643	1669	1685	1724	1705	1712	1733	1753	1750	1738	1747	1756	1762	1803	1769	1782	1795	1845	1927	1978	1950	1921	1975	2068	1980	1980	2001	1983	1936	1949	1969	1991	2012	2037	2070	KD FT
SPN	2088	2112	2136	2160	2184	2208	2232	2256	2280	2304	2328	2352	2376	2400	2424	2448	2472	2496	2520	2544	2568	2592	2616	2640	2664	2688	2712	2736	2760	2784	2808	2832	2856	2880	2904	2928	2952	2976	3000	3024	3048	3072	SPN

TIME IN SECONDS

TIME IN SECONDS