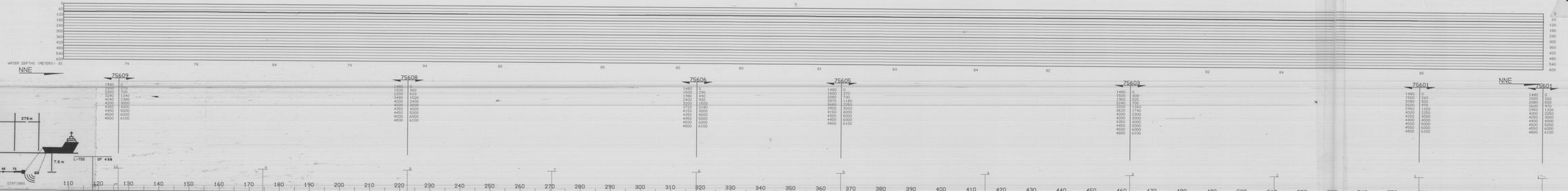
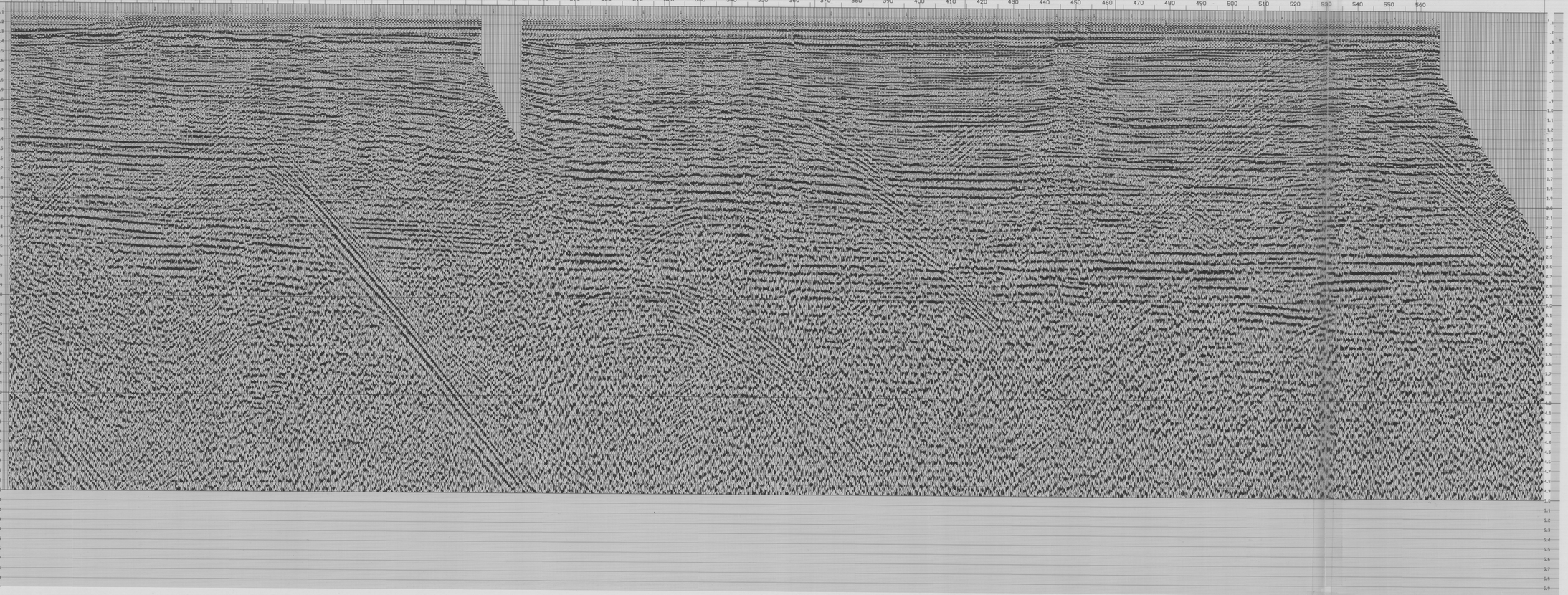
U.S.G.S. LCI-75-XF LINE 756 I---------2 KM---------I





****** FILMING PARAMETERS ******

FILM REEL NUMBER	- 10393
GRIN VALUE	- 175
POLARITY	- BLACK +VE
HORIZONTAL SCALE	- 25,000 TR/IN
VERTICAL SCALE	- 2.500 IN/SEC
FILMING DIRECTION	- R/L
DATE FILMED	- 09/05/75

********* INPUT REEL HEADER INFORMATION *********

REEL NUMBER	- 10393	DATE CREATED	- 09-23-75
FILE NUMBER	- 1	NUMBER OF SAMPLES/TRACE	- 1500
		SAMPLING RATE IN MILLI	- 4

UNITED STATES GEOLOGICAL SURVEY

L C I - 7 5 - X F
COOK INLET LINE 756 (PART 2)
SP. 560 - 106
36 FOLD STACK

FIELD INFORMATION

SHOT BY	WESTERN	PARTY	89
ENERGY	AQUAPULSE	FIELD FILT.	5 HZ - OUT
		CABLE	72 TRACE STREAMER
GUN DEPTH	7.6 M	CABLE DEPTH	9.1-15.2 M
NUMBER GUNS	6	HYDROPHONES	72 GROUPS
PRESSURE	138 PSI	GROUP INT.	33.5 METERS
INSTRUMENTS	CDS-888	NEAR TRACE	276 METERS
AMPLIFIERS	CDS-888	LONG TRACE	2654 METERS
GRIN	FLOATING POINT	CABLE	2378 METERS
FORMAT	S.E.G. C	PGP INT.	33.5 METERS
MULTIPLEX	100	SURVEYING	NSI
DATA LENGTH	5-7 SECONDS	SP.SPACING	33.5 METERS
SAMPLE RATE	2 MS	FOLD	3600 X
DATE SHOT	14 JULY 1975	SHOT HEAD.	SOUTH-SOUTHWEST

PROCESSING SEQUENCE

PROCESSING CENTER HOUSTON TEXAS

1) EDIT DEMULTIPLEX - PETTY-RAY MPLX. I FORMAT
2) AMPLITUDE RECOVERY
3) DECONVOLUTION 250 MS "SPIKE" WITH 2000 MS WINDOW
   WINDOW START - TR 1=2000 MS TR 72=325 MS
   WINDOW END - TR 1=4000 MS TR 72=2325 MS
4) VELOCITY ANALYSIS (VELSTACK) AVERAGE 1.6 KILOMETERS
5) NORMAL MOVEOUT CORRECTIONS AND STATICS 12 MS S.L. DATUM
6) 36 FOLD COMMON DEPTH POINT STACK
   CORRECTED GATHERS EVERY 24 DP.
7) TIME VARYING FREQUENCY FILTER "BANDPASS"

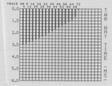
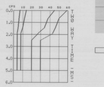
FILTERS PARAMETED BETWEEN TIMES

START TIME	F1	F2	F3	F4
0.000	4	12	38	52
0.700	6	12	38	52
1.500	6	10	34	46
1.950	4	8	27	43
2.500	4	8	20	30
5.000	4	8	20	30

8) BALANCE 5000-3000 DECAY WINDOW LENGTH 250 MS
9) COMMENTS
   WINDOW START TIMES AND MUTE TIMES VARY WITH WATER DEPTH
   VELOCITIES PARAMETED BETWEEN FUNCTIONS
   STATION LOCATIONS ARE GUN LOCATIONS
   WATER DEPTHS SHOWN ARE IN METERS
   1 KILOMETER=12.45 CENTIMETERS
   GROUP 105-18

Petty-Ray

TRACE SUPPRESSION



T.V. FILTER