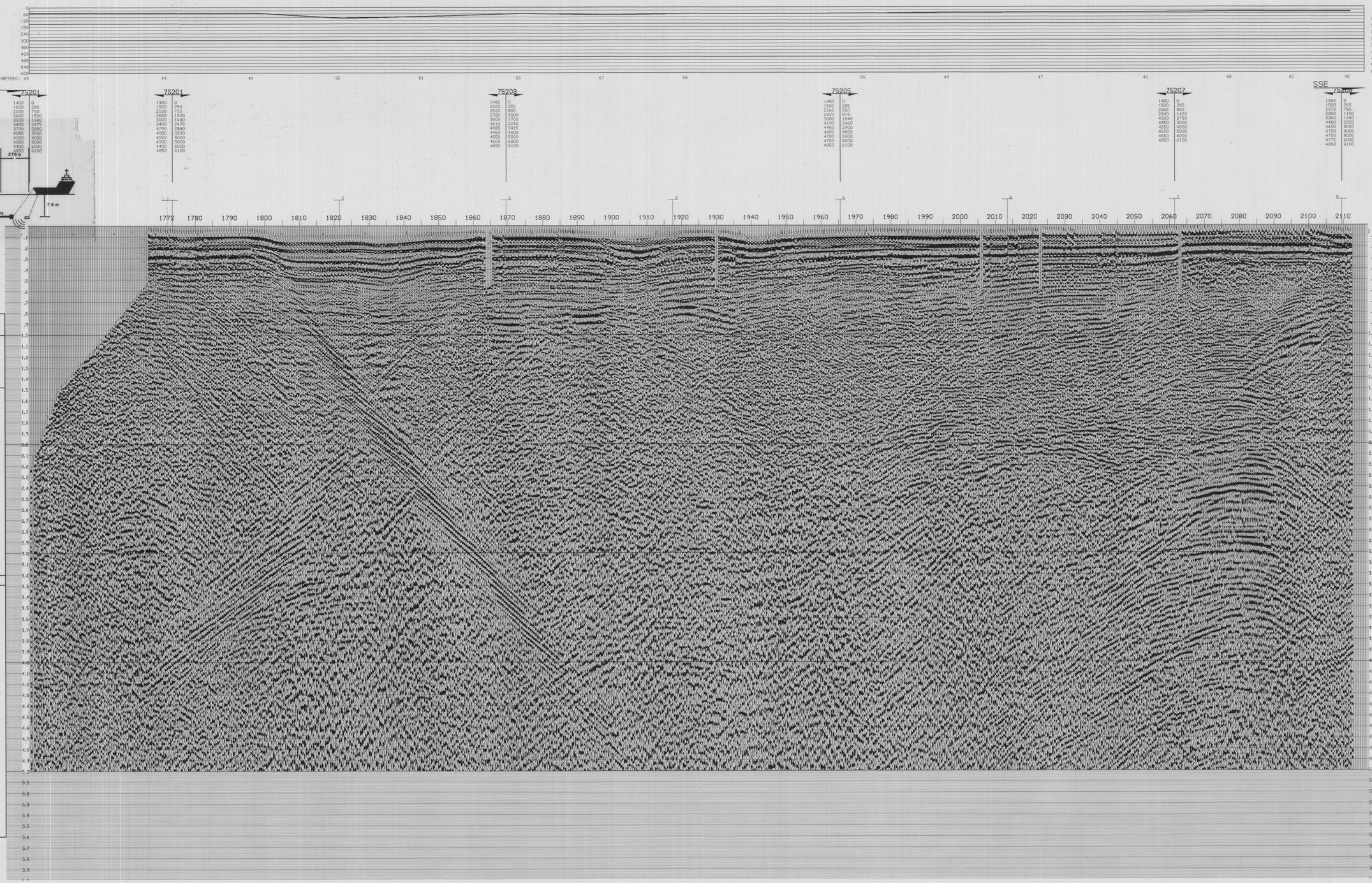
U.S.G.S. LCI-75-XF LINE 752 I---------2 KM---------I

DIRECTION OF SHOOTING



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

FILM REEL NUMBER	-	24612
GAIN VALUE	-	175
POLARITY	-	BLACK +VE
HORIZONTAL SCALE	-	25.000 TR/IN
VERTICAL SCALE	-	2.500 IN/SEC
FILMING DIRECTION	-	L/R
DATE FILMED	-	09/04/75

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

REEL NUMBER	-	34879	DATE CREATED	-	08-27-75
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 752 (PART 1)
SP. 1772 - 2116
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	130 PSI	GROUP INT.	33.5 METERS
INSTRUMENTS	DDS-888	NEAR TRACE	276 METERS
AMPLIFIERS	DDS-888	LONG TRACE	2654 METERS
GAIN	FLOATING POINT	CABLE	2378 METERS
FORMAT	S.E.G. C	POP INT.	33.5 METERS
MULTIPLEX	100	SURVEYING	NSI
DATA LENGTH	6-7 SECONDS	SP.SPACING	33.5 METERS
SAMPLE RATE	2 MS	FOLD	3600 %
DATE SHOT	12 JULY 1975	SHOT HEAD.	SOUTH: SOUTHERST

PROCESSING SEQUENCE

PROCESSING CENTER HOUSTON TEXAS

1) EDIT DEMULTIPLEX - PETTY-RAY MPLX. I FORMAT

2) AMPLITUDE RECOVERY

3) DECONVOLUTION 260 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 CP.

7) TIME VARYING FREQUENCY FILTER "ORMSBY"

FILTERS PRORATED BETWEEN TIMES

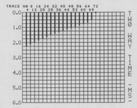
START TIME	F1	F2	F3	F4
0.000 MS	7	14	45	59
0.700	6	12	38	50
1.500	5	10	34	46
1.950	4	8	27	43
2.500	4	8	20	30
5.000	4	8	20	30

8) BALANCE 5000-3000 DECAY WINDOW LENGTH 250 MS

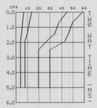
9) COMMENTS
   WINDOW START TIMES AND MUTE TIMES VARY WITH WATER DEPTH
   VELOCITIES PRORATED BETWEEN FUNCTIONS
   STATION LOCATIONS ARE GUN LOCATIONS
   WATER DEPTHS SHOWN ARE IN METERS
   GROUP 101-18

Petty-Ray

TRACE SUPPRESSION



T.V. FILTER



H24612 01 01 H24612 01 02 H24612 01 03 H24612 01 04 H24612 01 05 H24612 01 06 H24612 01 07 H24612 01 08 H24612 01 09 H24612 01 10 H24612 01 11 H24612 01 12 H24612 01 13 H24612 01 14 H24612 01 15 H24612 01 16 H24612 01 17 H24612 01 18