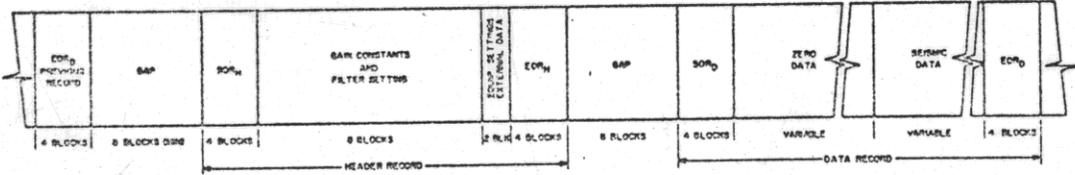


THE ACTUAL ORDER ON THE TAPE IS FROM BOTTOM TO TOP
 42, 14, 12, 10, 8, 6, 4, 2, 0, C, 1, 3, 5, 7, 9, 11, 13, 15, 17, 20002 UP
 BIT 18 IS IN TRACK 1 AND BIT 17 IS IN TRACK 21



AMPLIFIER TYPE
 -1 FOR AUXILIARY CHANNELS
 0 FOR DUALY GAIN AMPLIFIER CHANNELS
B - CLOCK BIT
 -1 FOR START OF RECORD, END OF RECORD AND BLOCK ADDRESS WORDS
 0 FOR DATA WORDS
C - CLOCK BIT -1 FOR ALL WORDS
P - PARITY BIT (ODD)
 -1 IF B IS 0 THROUGH IT CONTAIN AN EVEN NUMBER OF 1'S
T - RECORD TYPE
 -1 FOR TEST OF CALIBRATION RECORD
 0 FOR DATA RECORD
S - SIGN BIT
 -1 FOR 1'S
 1 FOR 0'S
2ⁿ - DATA BITS OF REPRESENTS 0.5 MV
 BLOCK ADDRESS 2ⁿ REPRESENTS 1 MS
 BLOCK NUMBER 2ⁿ REPRESENTS 1
 FILTER SETTINGS ARE ENCODED FOR SIX CHANNEL FILTER GROUPS (BLOCK MAY CONTAIN UP TO 5 FILTER GROUPS)
Z - INSTRUMENT TYPE
 0000 - BINARY GAIN

LEGEND

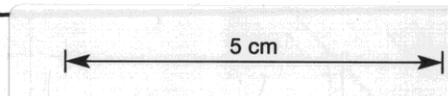
FILTER ENCODING	FREQUENCY	ALIAS FILTER SLOPE
F ₁	1.248 KHZ	5: 1:6db
F ₂	11.24 KHZ	USED 0'S RECORDED
F ₃	1.22 KHZ	
F ₄	11.21 KHZ	
HIGH CUT FILTER FREQUENCY AND SLOPE NOT USED 0'S RECORDED F₁, F₂ AND S₁, S₂		
LOW CUT FILTER FREQ. LOW CUT FILTER SLOPE		
F ₅	1.27 KHZ	5: 1:12db
F ₆	11.18 KHZ	5: 1:19 db/OCTAVE
F ₇	11.12 KHZ	5: 1:36 db/OCTAVE
F ₈	11.8 KHZ	
NOTCH FILTER		
N ₁	1: NOTCH FILTER IN	
N ₂	1: NOTCH FILTER OUT	
GAIN ENCODING		
CONSTANT GAIN		
G ₀	1: 1.6db	INITIAL GAIN
G ₁	1: 1.7db	1: 1: 12 db
G ₂	1: 2.4db	1: 1: 24 db
G ₃	1: 4.0db	1: 1: 48 db

FIGURE F

REV	INT	DATE	BY	REVISIONS
455	A	22,000-700A	ME	19901

DATE	TIME	OPERATOR	INSTRUMENT

TEXAS INSTRUMENTS	
21 TRACK TAPE FORMAT	
SDS 111	
DATE	TIME



072032

