

PIONEER BACKGROUND SKY TAPE

1. TAPE SPECIFICATIONS AND FORMAT

Tape specifications: 9 Track, 1600 BPI, Odd Parity, unformatted 36 bit words binary tape created on the Univac 1110.

FILE 1: Directory File - A printed copy of the Directory file is provided with each tape.

RECORD 1:

Computer Word	Format	Description
1	I	# of data files on tape (directory file not included)
2	I	# of days on tape
3	I	Spacecraft - Pioneer (10 or 11)
4	A	Day of year map was made DAY/YR
5	A	Number of this tape
6	A	Input tape # (ignore)
7	A	Is input tape corrected (ignore)
8	I	# of <u>sections</u> for day
9-13		Repeat computer words 4-8 for each remaining day.
14-18		" " " " " " " " "
19-23		" " " " " " " " "
24-28		" " " " " " " " "
29-33		" " " " " " " " "
.		" " " " " " " " "
.		" " " " " " " " "
239-243		" " " " " " " " "

(maximum of 48 days)

RECORD 2:

1	A	Day of year map was made
2	I	File # where data is located (directory file not included)
3	I	Section #
4	F	First <u>look angle</u> in section
5	F	Last look angle in section
6	F	Minimum <u>elongation</u>
7	F	Maximum elongation
8-14		Repeat words 1-7 for each section of every day.
15-21		" " " " " " " " "
22-28		" " " " " " " " "
29-35		" " " " " " " " "
36-42		" " " " " " " " "
43-49		" " " " " " " " "
50-56		" " " " " " " " "
57-63		" " " " " " " " "
.		" " " " " " " " "
330-336		To a maximum of 48 sections

Note: Words that are underlined are defined in section 2 of this USER'S GUIDE.