DATA SET CATALOG # 92

PIONEER 6 AND 7
Superior Conjunction Faraday
Rotation

65-105A-08A	1 tape
66-075A-08A	1 tape

PIONEER 6 AND 7 SUPERIOR CONJUNCTION FARADAY ROTATION

65-105A-08A
66-073A-08A

[illegible]

[illegible] Number: D-05017
[illegible]: BCD
[illegible]ity: 800 BPI
[illegible]ber of files: 1
[illegible]ber of physical records: 3468
Record [illegible]ription: 80 column card images
Record [illegible]h: 14 36-bit words

[illegible] of Tape Contents

[illegible]	Description
[illegible]	Identification record
2-650	Pioneer 7 data records
651-3467	Pioneer 6 data records
3468	Last record card

Description of Duped Tapes

The tape D-05017 was been duped using two tapes:
D-04638 has records 1-650 which include the identification record and Pioneer 7 data
D-04637 has record 651-3468 which include the Pioneer 6 data and the last card record.
[illegible]ue, density, record description, and record length are the same as for D-05017.

[illegible] Formats

Record number 1 is a card which is punched "PIONEER 6 AND PIONEER 7 POLARIZATION REFERRED TO ECLIPTIC PLANE." Column one is blank.
The last record is punched "LAST CARD."
There are 3466 data cards which are numbered 0000-3465 in column 77-80. The meaning of the data is as follows:

Field	Format	Units	Meaning
1	F10.5	Days	Averaged time (of 200 seconds of data) in decimal days from launch.
2	F10.5	Deg.	Averaged polarization for this period
3	F10.5	Deg.	Standard deviation of field 2.
4	F10.5	Deg.	Same as field 1 except uses <u>all</u> input data (20 points).
5	F10.5	Deg.	Same as field 2 except uses <u>all</u> input data (20 points).
6	F10.5	Deg.	Standard deviation of field 5
7	F10	--	No. of averaged points used in fields 1 and 2.
8	F10	---	Data card number.