

**TEST DATA FOR DATA PRODUCTION SOFTWARE
SCIENCE SOFTWARE I & T WORKSHOP**

4-19-95

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O GOALS:

- TEST AND CHECK OPERATION OF SOFTWARE**
- MEASURE RESOURCE REQUIREMENTS**
- TEST DATA PROCESSING OPERATIONS**

O REQUIRED IN INSTRUMENT TEAM STATEMENTS OF WORK

O DISCUSSED AT SWAMP MEETINGS OVER PAST YEAR

SIMULATED TEST DATA
SWAMP MEETING
19 OCTOBER 1994

APPROACH / CONCERNS

- O IS IT REASONABLE TO GO FROM L1 TO L2 TO L3, OR TO PRODUCE EACH SEPARATELY?
 - I.E., L0 --> L1
 - L1' --> L2, L1' = L1
 - L2' --> L3, L2' = L2

- O COMMON TIMES FOR DATA GENERATION FOR ALL INSTRUMENTS?
 - COORDINATION REQUIRED FOR DATA DEPENDENCIES

- O ECS PROVIDES TOOLS FOR FORMAT, ETC.; INVESTIGATORS USE THESE TO PROVIDE DATA

INPUT REQUIREMENTS

- O LEVEL 0, LEVEL 1, OR LEVEL 2 DATA

- O EXTERNAL DATA

- O OTHER EOS DATA; IF NOT AVAILABLE, THEN
 - EXTERNAL DATA SURROGATE, OR
 - SIMULATE OTHER EOS DATA

- O ATTITUDE AND ORBIT DATA

- O ACCESS S/W

**TEST DATA FOR DATA PRODUCTION SOFTWARE (2)
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- O DECIDED AT LAST SWAMP TO PURSUE UNDER AEGIS OF AHWGP**
- WILL COLLECT / DEFINE REQUIREMENTS FROM ESDIS,
ECS, AND DAACS**
- DEVELOP PLAN(S) WITH INSTRUMENT TEAMS TO PROVIDE
TEST DATA**
- PROVIDE COORDINATION FOR MODELS, ETC., TO SUPPORT
GENERATION OF TEST DATA**