PRELIMINARY MISSION DATA STATISTICS

MISSION 1043-1

1. Launch: 7 August 1967/2143Z
2. Photo Dates: 8 thru 14 August 1967
3. Recovery: 14 August 1967/2343Z
4. Number of Passes: Operational 52, Domestic 6, Engineering 1
5. Altitude: 101 NM to 140 NM
6. Scale: 1:313,120 to 1:424,040
7. [illegible] 57,010
8. SQ/NM: 8,543,135
9. Pan Frames: Fwd 2836 Aft 2888
10. Pan Footages: Fwd 7805 Aft 7848
11. S/I Frames: Stellar 443 Index 443
12. S/I Footages: Stellar 54 Index 111
13. MIP: 85
14. MIP Frame: Pass D79, Frame 10 Aft Camera
15. WX: 65 percent cloud free photography

MISSION 1043-2

1. Launch: 7 August 1967/2143Z
2. Photo Dates: 14 thru 22 August 1967
3. Recovery: 22 August 1967/2115Z
4. Number of Passes: Operational 52, Domestic 14, Engineering 2
5. Altitude: 101 NM 140 NM

MISSION 1043-2 (cont)

6. Scale: 1:313,120 to 1:424,040
7. L/MM: 55,750
8. SQ/MM: 8,362,500
9. Pan Frames: Fwd 2,553 Aft 3,027
10. Pan Footages: Fwd 6,737 Aft 7,999
11. S/I Frames: Stellar 485 Index 485
12. S/I Footages: Stellar 55 Index 107
13. MIP: 85
14. MIP Frame: Pass D159 frame 9 Aft Camera
15. WX: 65 percent cloud free photography

SUMMARY OF ANOMALIES
MISSION 1043
MASTER CAMERA NO. 200

BUCKET	ANOMALY
A & B	There is fog present on frame five and the next to last frame of most camera operations.
A & B	The active format edge, nearest the frequency mark edge, of every frame is degraded by a band of plus density which is about .02 of an inch wide.
A & B	The timing pips are missing for the first 1 to 3 inches of the first frame of a few passes.
A & B	The 200 PPS frequency marks indicate a slower than normal scan rate on the last 3 to 4 inches of the supply end of every forward camera frame.
B	All material of the fwd-looking camera after pass 228D, frame 119 is seriously degraded. At this point the film appears to have come out of the rails. The imagery and fiducials of the port looking horizon camera are grossly smeared. Approximately one half of every fwd camera frame from the center to the supply end is also grossly smeared. The remainder of the frame does contain smeared imagery but to a lesser degree. Other degradations in the form of heavy film creases, emulsion scratches and gouges are present. Both film edges are fogged from the holey rail light source. The binary time word is missing throughout this material. There is also many instances of mismetering and mistrackigg.

Note! but not reported in [illegible] because no degradation [illegible] to [illegible]

3 (cont.) This malfunction occurred on frame 120 of pass 228D which is approximately 203 feet from the end cut which was made in pass 230D, frame 13. A manufacturing splice is located in frame 001 of pass 228D which is about 517 feet from the end cut. The camera malfunction does not appear to be associated with this splice. The total processed footage of the forward looking camera record is 6,737 feet.

A & B The binary time word appears to be canted relative to the camera number index image.

Instrument ran slow, [illegible]. 5% difference in camera rates. [illegible] Rev 2 [illegible] DMU during op.

SLAVE CAMERA NO. 201

BUCKET	
A & B	Minor fog patterns are present on frame three and the second to last frame of most mapping operations.
A & B	The timing pips are missing for the first 1 to 3 inches of the first frame of a few passes.
A & B	Minus density streaks up to .25 of an inch wide are present intermittently throughout the mission. They appear to follow the path of the field flattener.
B	Numerous emulsion scratches appear in the border area along both edges of the film beginning of pass 230D frame 12 and continue through to the end of the mission.

STELLAR CAMERA 1043

B A small minus density spot which appears to be the result of a foriegn particle on the reseau plate is imaged in the same location on every frame throughout the mission.

INDEX CAMERA 1043

B Numerous minus density spots which appear to be the result of dirt on the reseau plate are present in the same location on every frame. Minor edge fog appears intermittently throughout the mission. The first two frames are degraded by heavy fog patterns which extend into the formats from both edges of the film.

[illegible]

[illegible]

REMARKS

A & B The rail hole images associated with the pan geometry modification [illegible] difficult to distinguish. The nodal traces are present on some of the domestic material only.

[redacted] [illegible] [redacted] [illegible]

[illegible]

[illegible]

[illegible] Both [illegible]

[illegible] FD [illegible]

[illegible]

200 cycle [illegible] end of [illegible]

[illegible]

[illegible]

[illegible]

[illegible] physical damage [illegible] Closer look at [illegible] required.

Right HC normal

Left HC 1/4" slippage during exposure - as should be part of notes.

Soft [illegible]

Some sort of timing, tracking or [illegible] problem [illegible] Probably [illegible]

[illegible]