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ATTN: DIAAP-IP

DIAMS - 3C

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SUBJECT: ANOMALIES ON MISSION 4030 AS PER REQUEST

- 1. PASS 63 HAS ONE MORE PRIMARY CAMERA FRAME (AND ITS CORRESPONDING STELLAR/INDEX FRAME) THAN WAS SHOWN PROGRAMMED IN THE MCD. IT IS TITLED FRAME ØØØ2A AND THE S/I FRAME COUNT IS OFF BY ONE IN THE MCD.
- 2. FRAME ØØØ2 OF THE SAME PASS HAS THE WRONG ROLL VALUE 34, ØIFFERENT FROM THAT SHOWN IN MCD) AND, AS A RESULT, THE FRAME

 DOES NOT COVER THE LISTED TARGET.
- 3. A PROBLEM IN EXPOSURE TIMING OCCURRED ON PASS 55. AS A RESULT. TARGETS WERE MISSED TO VARYING EXTENTS.
- 4. PASS 91 HAS ONE LESS S/I OPERATION THAN IS SHOWN IN THE MCD. S/I OPERATION NUMBERED 33 DID NOT TAKE PLACE, THUS FROM 33 ON THE MCD AND FRAME NUMBERS DISAGREE.
- 5. PASS 98 HAS TWO LESS S/I OPERATIONS THAN IS SHOWN IN THE MCD. THE LISTED S/I OPERATIONS 3 AND 8 DID NOT TAKE PLACE AND

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AS A RESULT THE MCD AND FILM TITLING DATA ARE IN DISAGREEMENT FROM THESE POINTS TO THE END OF THE PASS.

- 6. THE NOTES ACCOMPANYING EACH DAY'S RECAP OF THE MCD ARE CORRECT FOR THE MOST PART BUT SOME OF THE REMARKS CONCERNING TARGET COVERAGE ARE INDICATIONS ONLY. PARTICULAR ATTENTION SHOULD BE GIVEN TO THE DATES LISTED, AS OPPOSED TO ACTUAL DATES OF THE PASSES. IF NOT ALREADY DONE, PEN AND INK CHANGES SHOULD BE MADE ON THE PROPER PAGES.
- 7. FROM ALL INDICATIONS, THE S/I FILM WAS EXHAUSTED PRIOR TO PASS 114.
 - 8. 126 IS THE LAST PRIMARY CAMERA PASS.
- 9. PASSES 108 THRU 126 ARE COLOR EXPOSURES FROM THE PRIMARY CAMERA.
- 10. THE COMMAND SYSTEM MALFUNCTIONED INTERMITTANTLY AFTER REV. 42 CAUSING SPURIOUS COMMANDS, ERASURES, AND/OR SCRAMBLES. THE MCD REFLECTS THE OPERATIONS AS BEST WE HAVE BEEN ABLE TO DETERMINE THEM.
- 11. THE (MIRROR) CRAB-SERVO APPARENTLY MALFUNCTIONED ON PASS 35 AND REMAINED AT THE Ø.5 DEGREE POSITION FOR THAT ENTIRE PASS. FOR THE REMAINDER OF THE FLIGHT THE CRAB WAS NOT OPERATED BELOW THE 1.0 DEGREE POSITION (Ø.5 OR Ø.0) AND OPERATED NORMALLY BETWEEN THE 1.0 AND 3.5 DEGREE POSITIONS.
- 12. THE INCORRECT ROLL ANGLE WAS PROGRAMMED ON PASS 55, ACCS. 1 AND 2.

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- 13. ON PASS 112, THE S/I WAS COMMANDED "ON" AND RAN CONTINOUSLY TO EXHAUSTION DUE TO A COMMAND ANOMALY. THE MCD SHOWS CONTINOUS OPERATION EXCEPT FOR ASCENDING PORTIONS OF PASSES 112 AND 113. ALL DAYTIME EXPOSURES ARE IN THE MCD, BUT TITLED FRAME NUMBERS AND MCD NUMBERING DIFFER THROUGHOUT THESE PASSES.
- 14. THE 3RD EDITION GLOSSARY FOR THE MCD IS IN EFFECT COMMENCING WITH THIS MISSION AS PREVIOUS MESSAGES HAVE INDICATED.

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-END OF MESSAGE-

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