

Unclassified



HANDLE VIA BYEMAN

CONTROL SYSTEM

RR RUXQAAM  
DE RUXQAA 401 2471541  
ZNY XXXXX KKK  
R 04154Z  
BT  
XXXXX

681 CAT OR 468 851 OPCEN 605 121  
WADDY 159 967 ADIC 489 CLEAT 268  
CAT OR PASS CHARGE  
OPCEN PASS PILOT  
PASS PLUM

DISTRIBUTION		
SARSS	A	I
Dr McLucas		
Dr Noka		✓
SS-1		✓
SS-2		
SS-3	A*	
SS-4		
SS-5		
SS-7		
SS-7A		
COMP		
SS-1/RF		✓
RD-2/RF		
FILE		

~~TOP SECRET~~ 04154Z SEP 70 CITE WAHOO 3185.  
[redacted], CHARGE, [redacted] PILOT, PLUM, [redacted] WHIG, WADDY, [redacted]  
ADIC, CLEAT

HEXAGON

SUBJECT: HEXAGON REPORTS CONTROL MANUAL

A. THIS MESSAGE CONSTITUTES AUTHORITY PENDING PUBLICATION OF THE HEXAGON REPORTS CONTROL MANUAL TO USE MISSION-ORIENTED MESSAGE NUMBERS, TITLES, AND THE PROWORD "RECESSIVE" AS SPECIFIED HEREIN. HEXAGON MISSIONS ARE ASSIGNED THE 1200-BLOCK OF MISSION NUMBERS WITH THE FIRST FLIGHT DESIGNATED AS MISSION 1201.

B. MESSAGES WILL BE NUMBERED UNDER THE FOLLOWING SYSTEM:  
NUMBERED SERIES                      TYPE MESSAGE

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- 100 MISSION SCHEDULING
- 200 PERMISSION PHASE
- 300 LAUNCH OPERATIONS
- 400 ON-ORBIT MISSION PHASE
- 500 RECOVERY PHASE
- 600 FILM HANDLING AND PROCESSING
- 700 FILM READOUT
- 800 POSTFLIGHT ACTIVITIES
- 900 WEATHER AND MISCELLANEOUS

FOR EXAMPLE, THE RECESSIVE-110 IS THE NOTIFICATION OF LAUNCH DATE MESSAGE.

C. THE FOLLOWING IS A LISTING OF ASSIGNED MESSAGE NUMBERS, TITLES, AND INFORMATION REGARDING MESSAGE DUE TIMES AND ORIGINATING AGENCY:

RECESSIVE

NO.	TITLE	REMARKS
100	LAUNCH SCHEDULE	CHARGE - LAST DAY OF EACH MONTH

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110	NOTIFICATION OF LAUNCH DATE	WAHOO L-45
120	RECOMMENDED CHANGE TO LAUNCH DATE	CHARGE AS REQ.
130	NOTIFICATION OF RESCHEDULED LAUNCH	WAHOO AS REQ.
200	ORBIT LIBRARY CASE	[ ] AS DEVELOPED
205	MISSION ORBIT CANDIDATES	[ ] TO WAHOO, L-35
208	PREMISSION STATISTICS	[ ] PILOT TO WAHOO, L-35

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210	REQUEST FOR MISSION ORBIT EVALUATION	WAHOO TO PILOT, L-34
211	ORBITAL PERFORMANCE DATA	PILOT TO WAHOO, L-32
212	MISSION ORBIT SELECTION	WAHOO TO [ ] L-30
213	RECOMMENDED DATA BASE PARAMETERS	WAHOO [ ] L-30
215	MISSION ORBIT PARAMETERS	[ ] L-29
220	PREFLIGHT NOMINAL EPHEMERIS	[ ] L-28
225	PREFLIGHT PAD LOAD	WAHOO, L-28
230	CURRENT INTELLIGENCE PRIORITIES	PILOT (ICRS), L-21
231	CRYSER PERFORMANCE PREDICTION	PILOT TO WAHOO, L-20
235	CONTROL PARAMETER ASSIGNMENTS	WAHOO TO PILOT, L-19
240	POINT TARGET REPORTING DATA	[ ] L-15
245	CORN PLANNING REQUIREMENTS	PLUM, L-10
250	AREA CATEGORY FILE DATA	PILOT TO [ ] L-13
255	WAC FILE DATA	WAHOO TO [ ] AS REQ.
260	POLYGON NAME FILE DATA	PILOT TO [ ] L-13
265	POLYGON POINT DATA	WAHOO TO [ ] AS REQ.
280	PAN CAMERA DATA	PILOT TO [ ] L-13
285	R&D FLIGHT OBJECTIVES	WAHOO TO [ ] AS REQ.
290	HIGH PRIORITY AREA LOOKAHEAD	PILOT TO [ ] L-13
295	FILM REQUIREMENTS MESSAGE	WAHOO TO [ ] AS REQ.
		PLUM, L-1.
		CHARGE
		PILOT TO WAHOO, L-3
		WAHOO TO CHARGE, L-60

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296	PLANNED FILM LOAD MESSAGE	CHARGE TO WAHOO/WHIG, L-55
300	MISSION STATUS REPORT	CHARGE, L-5
305	COUNTDOWN STATUS REPORT	[ ] L-2 HRS
350	CRASH REPORT	CHARGE AS REQ.
390	FAILURE TO ACHIEVE ORBIT	[ ] AS REQ.
400	LAUNCH REPORT	[ ] L PLUS 10 MIN
405	INITIAL PROGRESS REPORT	[ ] L PLUS ASAP
410	MISSION ACCOMPLISHMENT REPORT	PILOT TO WAHOO, DAILY
415	DAILY ORBITAL ELEMENTS	[ ] TO WAHOO, AS REQ.
420	INJECTION AND ORBIT ADJUST EPHEMERIS	[ ] AS REQ
425	ORBIT ADJUST STATUS	[ ] DAILY
427	WAC CELL ASSESSED WEATHER	[ ] PILOT (ICRS) TO
430	CHANGES TO INTELLIGENCE REQUIRE-	

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MENTS  
 434 VEHICLE AND EXPENDABLES STATUS  
 445 DAILY CORN MESSAGE  
 450 COMMAND AND CONTROL TIMES  
 452 SPECIAL DECISION MESSAGE  
 460 DAILY BREAKDOWN INSTRUCTIONS  
 470 COMMAND LIST AND EPHEMERIS DATA

WAHOO AS REQD  
 [ ] L PLUS 4 HRS  
 AND DAILY  
 [ ] 24 HRS PRIOR TO  
 CORN DEPLOYMENT  
 [ ] DAILY  
 WAHOO TO [ ] REQD  
 MANOR TO [ ]  
 [ ] TO [ ]  
 MPR BACKUP

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480 FRAME EPHEMERIS  
 499 MISSION PERFORMANCE REPORT (MPR)  
 500 RECOVERY CODE MESSAGE  
 510 RECOVERY PLAN  
 520 PRE-RECOVERY REPORT  
 530 SPECIAL RECOVERY NOTIFICATION  
 540 RECOVERY REPORT  
 550 CAPSULE COURIER MESSAGE  
 560 COURIER TRAVEL MESSAGE  
 570 SRV MOVEMENT HAWAII TO CONUS  
 580 SRV MOVEMENT STATUS  
 590 SRV ARRIVAL EASTERN US  
 600 DAILY BREAKDOWN INSTRUCTIONS  
 610 OPERATION/FRAME NUMBER MESSAGE  
 630 FILM DISTRIBUTION REQUIREMENTS  
 640 MISSION FILM INDEX  
 650 ESTIMATED PRODUCT PICKUP TIME  
 660 FIRM PRODUCT PICKUP TIME  
 670 PRODUCT DELIVERY AIRCRAFT MESSAGE

[ ] TO PILOT,  
 MPR BACKUP  
 [ ], DAILY  
 [ ] L-3  
 48 HRS [ ]  
 TO [ ]  
 [ ] 10 HRS [ ]  
 TO [ ]  
 [ ] AS REQD 8 HRS  
 TO [ ]  
 PILOT, L-1  
 [ ]  
 TO [ ] WADDY  
 AS REQD  
 [ ] WADDY  
 [ ] WADDY  
 [ ] WADDY  
 [ ] WADDY  
 [ ] WADDY  
 [ ] WADDY AS REQD  
 ADIC TO [ ] WADDY

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700 [ ] PHOTOGRAFIC AND PROCESSING  
 TEAM  
 710 SPECIAL QUICK READOUT REQUIREMENTS

[ ] OR  
 EACH SRV  
 WAHOO TO [ ] L PLUS  
 3 AND DAILY THRU 3RD SRV.

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720	SPECIAL SRV FILM READOUT	[ ] WADDY TO WAHOO
730	TOTAL SRV FILM READOUT	[ ] WADDY TO
750	WAC CELL SATISFACTION LIST	WAHOO/PILOT
800	POSTFLIGHT ANALYSIS TEAM MEMBERS	WAHOO/PILOT TO [ ]
810	PET TEAM MEMBERS	PILOT TO [ ] WADDY
820	POST SRV OPERATIONAL SUMMARY	CHARGE TO [ ] WADDY
825	FRAME CALIBRATION REPORT	[ ]
830	PAYLOAD PERFORMANCE ESTIMAE	PLUM
831	PANORAMIC CAMERA EVALUATION REPORT	PILOT AT [ ] WADDY
841	STELLAR/TERRAIN CAMERA EVALUATION REPORT	CHARGE AT [ ] WADDY
845	CORN RECAP SUMMARY	WADDY
850	PAN CAMERA SYNCHRONIZATION REPORT	PLUM
880	POST MISSION STATISTICS	PILOT TO WAHOO
920	SLIT BIAS VALUES	[ ] DAILY
922	WEATHER FOR PREDICTED IMPACT POINT	[ ] AS REQD
924	PREDICTED WEATHER REQUEST MESSAGE	[ ] DAILY
925	PREDICTED WEATHER MESSAGE	[ ] ACQ -
926	ASSESSED WEATHER REPUEST MESSAGE	62 MIN [ ] FOR EACH
927	ASSESSED WEATHER MESSAGE	ACTIVE REV [ ]
928	WEATHER DATA REQUEST IN SUPPORT OF ENGINEERING AND R&D OPERATIONS	[ ], AS REQD
929	SRV SNOW COVER REPORT	[ ] TO [ ] WADDY
971	SATELLITE VEHICLE REENTRY NOTIFICATION	[ ] (WAHOO)
999	RECOMMENDED CHANGES TO REPORTS CONTROL MANUAL	AS REQD
X	MISCELLANEOUS OPERATIONS MESSAGE	AS REQD

(b)(1)  
(b)(3)

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BT

N  
N  
N

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