

~~SECRET~~

(When Filled In)

FILE INFO

REPRODUCTION PROHIBITED

6 MAR 69 01 51z

ACTION	1	6	11	16
	2	7	12	17
	3	8	13	18
	4	9	14	19
	5	10	15	20

~~TOP SECRET~~ 052358Z MAR 69 CITE [REDACTED]

PRIORITY [REDACTED] INFO PRIORITY [REDACTED]

1050

REF A [REDACTED]

B [REDACTED]

C [REDACTED] (SENT TO [REDACTED] ONLY)

1. REF C IS THE REVISED NOMINAL MISSION 1050 [REDACTED] (ORBIT ELEMENTS AND CONTROL STATION ACQUISITIONS) TO BE USED BY [REDACTED] PERSONNEL FOR [REDACTED] COMPUTER RUNS. REF. C DOES NOT CONTAIN ANY [REDACTED] STATION CONTROL ACQUISITIONS.

2. FOLLOWING IS A LIST OF THE ADDITIONAL BUNDLES WHICH WOULD RESULT FROM LOSS OF THE [REDACTED] TRACKING STATION DURING MISSION 1050. BUNDLES ARE LISTED FOR DAYS 1 THROUGH 20 EVEN THOUGH MISSION LIFETIME WILL NOT BE 20 DAYS. BASED ON PRESENT POWER PREDICTIONS, 15 DAYS LIFETIME WILL BE AVAILABLE WITH A POSSIBILITY OF 16 DAYS LIFETIME. THEREFORE, [REDACTED] PERSONNEL SHOULD CONSIDER ONLY 16 DAYS MAXIMUM WHEN PERFORMING EDITS.

DAY	POTENTIAL	
OF	ACQ.	RESULTANT BUNDLE
MISSION	LOST	TO BE CONTROLLED

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1 4 S. [REDACTED] REV 2 SOUTH OF [REDACTED] AND [REDACTED] 1050
 REVS 3 THROUGH 5

NO ADDITIONAL BUNDLE ON DAY 2

3 37 S. [REDACTED] REV 34 SOUTH OF [REDACTED] AND [REDACTED]
 REVS 35 THROUGH 37

4 53 S. [REDACTED] REV 50 SOUTH OF [REDACTED] AND [REDACTED]
 REVS 51 THROUGH 53

5 69 S. [REDACTED] REV 66 SOUTH OF [REDACTED] AND [REDACTED]
 REVS 67 THROUGH 70

6 85 S. [REDACTED] REV 82 SOUTH OF [REDACTED] AND [REDACTED]
 REVS 83 THROUGH 86

7 101 S. [REDACTED] REV 98 SOUTH OF [REDACTED] AND [REDACTED]
 REVS 99 THROUGH 102

8 117 S. [REDACTED] REV 115 SOUTH OF [REDACTED] AND [REDACTED]
 REVS 116 THROUGH 118

9 133 S. [REDACTED] REV 131 SOUTH OF [REDACTED] AND [REDACTED]
 REVS 132 THROUGH 134

NO ADDITIONAL BUNDLE ON DAY 10

11 166 S. [REDACTED] REV 163 SOUTH OF [REDACTED] AND [REDACTED]
 REVS 164 THROUGH 166

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12 182 S. [REDACTED] REV 179 SOUTH OF [REDACTED] AND
 OF ACQ. RESULTANT BUNDLE
 MISSION LOST TO BE CONTROLLED
 13 198 S. [REDACTED] REV 195 SOUTH OF [REDACTED] AND
 REVS 188 THROUGH 185 ¹⁰⁵⁰
 REVS 196 THROUGH 199
 14 214 S. [REDACTED] REV 211 SOUTH OF [REDACTED] AND
 REVS 212 THROUGH 215
 15 238 S. [REDACTED] REV 228 SOUTH OF [REDACTED] AND
 REVS 229 THROUGH 231
 16 246 S. [REDACTED] REV 244 SOUTH OF [REDACTED] AND
 REVS 245 THROUGH 247
 17 NO ADDITIONAL BUNDLE ON DAY 17
 18 279 S. [REDACTED] REV 276 SOUTH OF [REDACTED] AND
 REVS 277 THROUGH 279
 19 295 S. [REDACTED] REV 292 SOUTH OF [REDACTED] AND
 REVS 293 THROUGH 296
 20 311 S. [REDACTED] REV 308 SOUTH OF [REDACTED] AND
 REVS 309 THROUGH 312

3. BEST ESTIMATE AND/OR PROBABILITY ESTIMATES REGARDING [REDACTED]

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STATION AVAILABILITY DURING MISSION 1050 WILL BE PREPARED BY [REDACTED] PERSONNEL AND PROVIDE VIA SEPARATE MESSAGE.

1050

4. FOLLOWING IS A LIST OF STATION ACQUISITIONS WHICH DO NOT MEET MINIMUM CONTROL CRITERIA USED IN THE [REDACTED] COMPUTER PROGRAM BUT WHICH HAVE A HIGH PROBABILITY FOR USE IN CONTROLLING BUNDLES DURING THE MISSION. [REDACTED] EDITING SHOULD BE DONE BASED ON AT LEAST A 50 PER CENT PROBABILITY THAT THESE ACQUISITIONS WILL BE AVAILABLE FOR COMMAND AND CONTROL. DUE TO THE UNCERTAINTY REGARDING [REDACTED] NO [REDACTED] ACQUISITIONS ARE INCLUDED IN THIS LIST.

CALICO BUNDLE

POSSIBLE ADDITIONAL ACQUISITIONS

-FROM-	-TO-	-REV-	-STATION-	-MAX. EL-	ACC LATITUDES-
30	TO 32	31	S. [REDACTED]	4.57	282 TO 267
44	TO 48	47	S. [REDACTED]	5.48	282 TO 267
63	TO 64	64	S. [REDACTED]	4.86	245 TO 227
66	TO 71	78	N. [REDACTED]	5.21	166 TO 182
92	TO 97	86	N. [REDACTED]	4.16	167 TO 182
98	TO 103	99	S. [REDACTED]	4.98	238 TO 212
159	TO 161	168	S. [REDACTED]	4.27	282 TO 267
175	TO 177	176	S. [REDACTED]	5. 9	282 TO 266

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179	TO 184	183	N.	5.88	166 TO 182
288	TO 290	289	S.	4.38	282 TO 267
292	TO 297	296	N.	5.81	166 TO 182
384	TO 387	385	S.	5.39	282 TO 266
384	TO 387	386	S.	4.81	245 TO 227

5. FOLLOWING IS A LIST OF REVS ON WHICH THE [REDACTED] LOCATION WILL LIE WITHIN THE NOMINAL PAN CAMERA SWATH DURING MISSION 1858. [REDACTED] WILL CUT MINIMUM PAN CAMERA OPERATIONS OVER THE [REDACTED] LOCATION ON EACH OF THESE REVS IN ALL CAMERA PROGRAMS WHICH HAVE SEVEN, OR LESS, OPERATIONS BETWEEN CONTROL ACQUISITIONS. UNLESS [REDACTED] DESIRES, NO ADDITIONAL [REDACTED] OPERATIONS WILL BE CUT. ACQUISITION TIMES SHOWN ARE BASED ON LAUNCH AT 2130Z ON 19 MARCH.

CALICO CONTROL		[REDACTED] LOCATION ACQUISITION		
ACQUISITIONS		-REV-	-DIRECTION-	DATE- TIME-
6	TO 7	7	ASCENDING	28 0727Z
95	TO 97	95	DESCENDING	25 1803Z
135	TO 136	136	ASCENDING	28 0611Z
288	TO 218	288	DESCENDING	1 APR 1711Z
248	TO 249	249	ASCENDING	4 0519Z

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BT