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ZNY XXXXX YYY ZNM
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PASS DITTO

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HANDLE VIA BYEMAN
CONTROL SYSTEM

2186

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DITTO, INFO [REDACTED]
HANDLE VIA BYEMAN CHANNELS ONLY
GAMBIT

DITTO FOR DAVE NELSON. INFO: [REDACTED]

FOR LARRY CRESS. FROM: [REDACTED]

SUBJ: SUGGESTED FILM LOAD

1. THESE ARE TWO SEPARATE PROCEDURES BY WHICH A FILM LOAD CAN BE PROVIDED FOR A G MISSION. IF A CUSTOM, MISSION SPECIFIC LOAD CAN BE DEFINED AT LEAST SIXTY DAYS BEFORE LAUNCH, IT CAN BE ASSEMBLED, TESTED, AND INTEGRATED INTO OUR HARDWARE PRIOR TO LAUNCH. THIS IS THE METHOD WE PREFER; HOWEVER, IF LEAD TIME TO BUILD THIS CUSTOM LOAD IS NOT AVAILABLE, AN EXISTING, ALREADY-ASSEMBLED, STANDARD LOAD CAN BE UTILIZED. UTILIZATION OF SUCH A STANDARD LOAD MAINTAINED IN COLD STORAGE ALLOWS THE PPS TO RESPOND TO LAUNCH CALLUP WITHIN 25 DAYS. INSTALLING A LOAD IN THE FLIGHT VEHICLE REDUCES THE PPS'S RESPONSE TIME TO 20 DAYS. NOTE THAT THESE RESPONSE TIMES CONSIDER THE PPS ONLY, AND NOT LAUNCH PAD AVAILABILITY, SCS STATUS OR ANY OTHER CONSIDERATIONS.

2. THE FOLLOWING "STANDARD" LOADS WILL BE AVAILABLE FOR USE IN EITHER 4351 OR 4352 DURING 1981.

A. STANDARD 9" LOAD: 13,250' OF SO-312 RECOMMENDED FOR EITHER 4351 OR 4352

B. ADDITIONAL 9" LOAD: 11,430' OF SO-312, TWO SEGMENTS OF SO-409 TOTALING 1750'.

C. STANDARD 5" LOAD:

SO-312 - 950' IN 5 SEGMENTS

SO-409 - 450' IN THREE 150' SEGMENTS ONE IN SRV

NUMBER 1, TWO IN SRV NUMBER 2

SO-255 - 600' IN FOUR 150' SEGMENTS, 2 PER SRV

SO-130 - 600' IN FOUR 150' SEGMENTS, 2 PER SRV

D. ADDITIONAL 5" LOAD:

SO-312 - 2250' IN 6 SEGMENTS

SO-409 - 300' IN 2 SEGMENTS IN SRV NUMBER 1

SO-255 - 200' IN 2 SEGMENTS, ONE PER SRV

SO-130 - 200' IN 2 SEGMENTS, ONE PER SRV

NOTE FOR ALL LOADS: NOT INCLUDED IN FILM TOTAL IS 400' OF SO-315, AT LEAST HALF OF WHICH WILL BE USED FOR TESTING BEFORE FLIGHT. ANY SO-315 NOT USED FOR TESTING WILL BE AVAILABLE FOR OPERATIONAL USE.

3. STANDARD LOADS A AND C ARE THE SAME CONFIGURATION USED IN ALL [REDACTED] MISSION SIMULATIONS. THIS IS OUR RECOMMENDED LOAD

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NRO APPROVED FOR RELEASE
DECLASSIFIED BY: C/IART
DECLASSIFIED ON: 10 JANUARY 2013

COMBINATION (9" AND 5") FOR A LOW ALTITUDE MISSION LAUNCHED
IN THE MARCH-APRIL TIME FRAME.
4. FOR AN ALL HIGH ALTITUDE MISSION LAUNCHED IN THE JULY-
AUGUST TIME FRAME WE RECOMMEND LOADS A AND D. THE DECREASE
IN COLOR AND COLOR/IR IS RECOMMENDED BECAUSE OF THE EXPECTED
RADIATION DAMAGE IN AN ALL HIGH MISSION. FOR 120 DAY
MISSIONS, SO-255 SHOULD BE CONSIDERED ENGINEERING ONLY AT
ALTITUDES ABOVE 200 NM'S AND SO-130 SHOULD BE CONSIDERED
ENGINEERING ONLY AT ALTITUDES ABOVE 300 NM'S. THE
DECREASE IN SO-409 IS DUE TO THE LATE SUMMER LIGHTING
CONDITIONS.

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