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26 January 1962

MEMORANDUM FOR : Chief, Special Projects Branch, DPD-DD/P  
SUBJECT : Mission Requirements for CORONA Mission 9031  
REFERENCE : [REDACTED] dated 24 January 1962, same subject

1. Recommend that 9031 use J-23-7600 (SO 132) in the master and slave cameras. Slit width should be determined by Lt. Colonel Murphy based on match of V/H ramp, sun angles and range of exposure set by your on-off requirements. The first M systems are in acceptance and qualification testing, therefore, the exact peculiarities of V/H ramps are best resolved by Lt. Colonel Murphy. The slit width will probably be between 0.15 and 0.2 inches. This system has an adjustable slit rather than a fixed slit.

2. Word has been received that a possibility exists that an auxiliary frame camera may be qualified in time for 9031. This is an item that should be included, if possible, but could be deleted at a late date. If included, this camera would be loaded with a new film designation 7J-30-150 (SO 130). Again acceptance and qualification testing is underway, but expect the exposure to be determined best at 1/250 second. Lt. Colonel Murphy will verify after tests. First film of this type is just being delivered.

3. This mission will provide a dual capability on the horizon photography. Therefore, since they will both be loaded with J-23-7600, it is recommended that the master horizon cameras be set at 1/100 second and the slave cameras at 1/50 second.

[REDACTED]  
Deputy Chief, Development Branch  
DPD-DD/P

Distribution:  
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