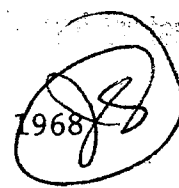


22 July 1968



TRIP REPORT

SUBJECT: AF/Contractor MOL Program Rescheduling Meeting

From July 15 to July 18 I attended the meetings of the Systems Office and the associate contractors, held at the McDonnell-Douglas Astronautics Company, Huntington Beach. Principals in attendance were:

Colonel Ledford, SO	Mr. Johnson, McDAC (HB)
Colonel Dietrich, SO	Dr. Malkin, GE
Colonel Gandy, SO	Mr. Pepping, McDAC (StL)
Colonel Knolle, SO	Mr. Sewell, EKC
Colonel Paige, SO	Mr. Blasingame, ACED
	Mr. Tennant, Aerospace

The purpose of the meetings, as stated by General Bleymaier, was to assess the schedule impact of the FY 69 budget reduction from the previously planned \$600M to an anticipated \$515M, and to reach agreement among the principals as to the technical content of the adjusted schedule.

Mr. Tennant, Aerospace Corp., followed General Bleymaier's remarks with a presentation of significant test and hardware guidance which the contractors were told was to be included in the schedule adjustment considerations (Atch 1). As he presented this guidance, there was a considerable amount of demurral on the part of the contractors. They pointed out that each had received General Bleymaier's message which identified their individual FY 69 planning bogeys, a FY 70 planning estimate of \$600M, and the suggestion that a six month slip might be necessary. Their positions were based on this guidance and, therefore, the conditions described by Mr. Tennant's presentation invalidated most of what they had done in preparation for the meeting. They asked for, and were given, time to caucus with their support people.

The meeting reconvened in the afternoon and eventually focused on three items:

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- o LMQTV Acoustic and Vibration Testing
- o Contamination
- o Ground Alignment

GE took a very strong position arguing against the Aerospace recommendation that the testing be eliminated. Dr. Malkin stated that if the testing were eliminated, then the GE contract should be changed with respect to performance incentives. The optics contamination subject was eventually resolved as not being a problem, and the Ground Alignment subject was deferred.

The contractors positions at the end of the first day can be summarized as follows:

McDAC (HB)

Can conform to the schedule/costs/ground rules as stated in General Bleymaier's wire. FV-3 would slip to March '72. Critical to McDAC are the Dynamic Test Modal Survey and LM/MM static tests which must move to July '70 and LM/MM mate which must start in March '70.

EKC

Two month slip at end FY 69; six month slip of FV-3. The FY 69/70 schedule adjusted from 24 to 28 months. COA engineering assembly will proceed on the current baseline schedule.

GE

The LM hardware flow imposes an impossible schedule on GE; to accomplish the schedule and hardware exchange discussed requires an addition of \$20 million to the FY 69 bogey. (At one point in the meeting, Dr. Malkin mentioned that the beryllium gimbal may have to be redesigned. This subject was never again mentioned in open session.)

McDAC (St. Louis)

Two month slip at end FY 69. No further problems.

T-IIIM (All)

Requires \$8 million among Martin, ACED, AGC and UTC to stay on schedule. Otherwise, 6 month slip of FV-3.

On Tuesday morning, the contractors and Air Force met separately. Colonel Ledford, chairman of the meeting, remarked to the AF people that the previous day's session went about as he had expected, and that when we reconvened the contractors would be given very specific and "hard" instructions, i.e., the financial bogeys as stated in General Bleymaier's message; 2 months schedule slip thru end FY 69, a total of 4 months base-line schedule slip of FV-3 (moving FV-3 from August to December 1971).

The contractors were unanimous in their dissatisfaction with the new instructions. The rest of the afternoon was spent trying to agree on the critical schedule hard points, and in trying to resolve the problem(s) these imposed on the individual contractors. The critical hard points were:

- o the Static Test Structure (STS) and STS MM assembly
- o the Dynamic Test Structure (DTS) and DTS MM assembly
- o Bays 2 and 8 shipping dates and check-out sequence
- o GE MM alignment

The meeting reconvened at 0930 on Wednesday, the contractors having been in joint session to iron out schedule problems.

EKC indicated that they would have only minor FY 69 problems, and could hold the FV-3 slip to approximately 16 weeks.

GE pointed out that the EKC adjusted schedule was forcing hardware exchange dates back so that GE rather than slipping work out of FY 69, was having to do more. There seemed to be some

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justification to their argument that the schedule was not consistent with the GE FY 69 fund bogey and the SAFSL/SPDR requirements.

McDAC (HB) noted that there was a very definite schedule vs funds conflict, and that the impacts on the SAFSL and SPDR must be assessed against funds available and schedule requirements.

By the end of the day it was finally decided that on Thursday separate committees would meet to try to resolve the following general problem areas:

- MM Test Equipment
- IVS Loads & Ross Barrel Interface
- EDCTU Substitute
- Bays 1, 2 and 8 hardware and shipping dates
- CITE
- Mission Simulator
- Exchange Hardware

This was the last session I attended. In my view, almost no progress toward arriving at a realistic and acceptable schedule had been made. I have the feeling that any agreement reached on a slip of less than 6 months will really be a reflection of the contractors' anticipation that schedule relief will come with the next rescheduling exercise (which they feel is a certainty). There seemed to be a concensus among many who had attended previous rescheduling meetings that this meeting was proving to be the most difficult.


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Atch:
a/s

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