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To: L. Skantze

Date: 8 October 1968

Subject: Acceptance - Technical Readiness
and FACI Briefing

From: B. A. Hohmann


On 7 October 1968, B. A. Hohmann, on request from O. Ledford, gave a briefing on MOL Acceptance Documentation and Procedures (Attachment 1). In attendance were the persons shown on Attachment 2.

Also presented was a briefing by R. Rector on MOL FACI and its relation to Acceptance. This briefing will be delivered separately.

As a result of these presentations, the following action items and decisions were identified:

1. Milestone Review points were identified for each MOL Associate, to include incremental review points and those points requiring the maintaining of test configuration. (Attachment 1, Charts 5 and 5A)
2. Similar points should be implemented for VAFB. (Ref. SAFSL's 20022 and 20023)
3. All SAFSL Acceptance Plans are to be modified by J. Bazyk and L. Skantze to include the words and intent of charts listed in above Item 1, and contractors notified through proper channels. The Gemini B Acceptance Plan is not to be included, since it already meets the above intent.
4. This office to provide L. Skantze sufficient copies of the Acceptance and FACI briefings for distribution.

This office is available at your convenience should you desire a separate briefing for clarification or discussion.


B. A. Hohmann

BAH/JFB:rr

cc: J. F. Bazyk W. D. Pittman
 J. F. Chalmers S. S. Strong
 J. R. Henry S. M. Tennant
 B. A. Hohmann J. F. Wambolt
 D. R. Howard W. C. Williams
 G. D. McGhee
 B. Moss
 H. W. Nordyke
 O. Ledford
 J. Murphy
 Files

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ATTACHMENT 1

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INTRODUCTION

- A FLIGHT VEHICLE TECHNICAL READINESS PROGRAM (SAFSL EXHIBIT 20022) HAS BEEN ESTABLISHED FOR MOL FOR THE PURPOSE OF ASSURING TO THE MAXIMUM EXTENT POSSIBLE THE READINESS OF THE FLIGHT VEHICLE FOR LAUNCH
- SUCCESS OF THIS PROGRAM DEPENDS ON
 - AN ORDERLY ACCEPTANCE AND DELIVERY OF FLIGHTWORTHY AVE AND AGE
 - IN-DEPTH READINESS REVIEWS DURING LAUNCH PREPARATIONS

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ACCEPTANCE

- BECAUSE OF THE MAGNITUDE AND HARDWARE COMPLEXITY INVOLVED, AN INCREMENTAL REVIEW AND ACCEPTANCE PROCESS HAS BEEN SELECTED FOR THE MOL PROGRAM
 - MINIMIZES RISK OF IDENTIFYING HIGH IMPACT PROBLEMS LATE IN THE PRODUCTION/ACCEPTANCE CYCLE
 - ELIMINATES NEED FOR HASTY AND SUPERFICIAL REVIEW OF ALL TEST DATA AND SUPPORTING DOCUMENTATION AT A FINAL ACCEPTANCE ACTIVITY
- IN ORDER TO ACCOMPLISH THIS TASK, ACCEPTANCE PLANS HAVE BEEN PREPARED FOR EACH ASSOCIATE CONTRACTOR

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ACCEPTANCE PLANS

- ESTABLISH STANDARD POLICIES, GROUND RULES AND REQUIREMENTS FOR ACCEPTANCE WHICH ARE APPLICABLE TO EVERY CONTRACTOR
- ESTABLISH ACCEPTANCE MILESTONE REVIEWS FOR EACH CONTRACTOR
 - MILESTONES HAVE BEEN SELECTED AND AGREED TO AT THE MOST OPTIMUM POINTS IN THE HARDWARE FLOW
 - TEST CONFIGURATION SHOULD BE MAINTAINED AT CERTAIN MILESTONE POINTS SO THAT THE CONTRACTOR CAN ASSURE THE GOVERNMENT THAT THE APPLICABLE REQUIREMENTS HAVE BEEN SATISFIED AND FURTHER PROCESSING CAN CONTINUE

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ACCEPTANCE MILESTONE REVIEW

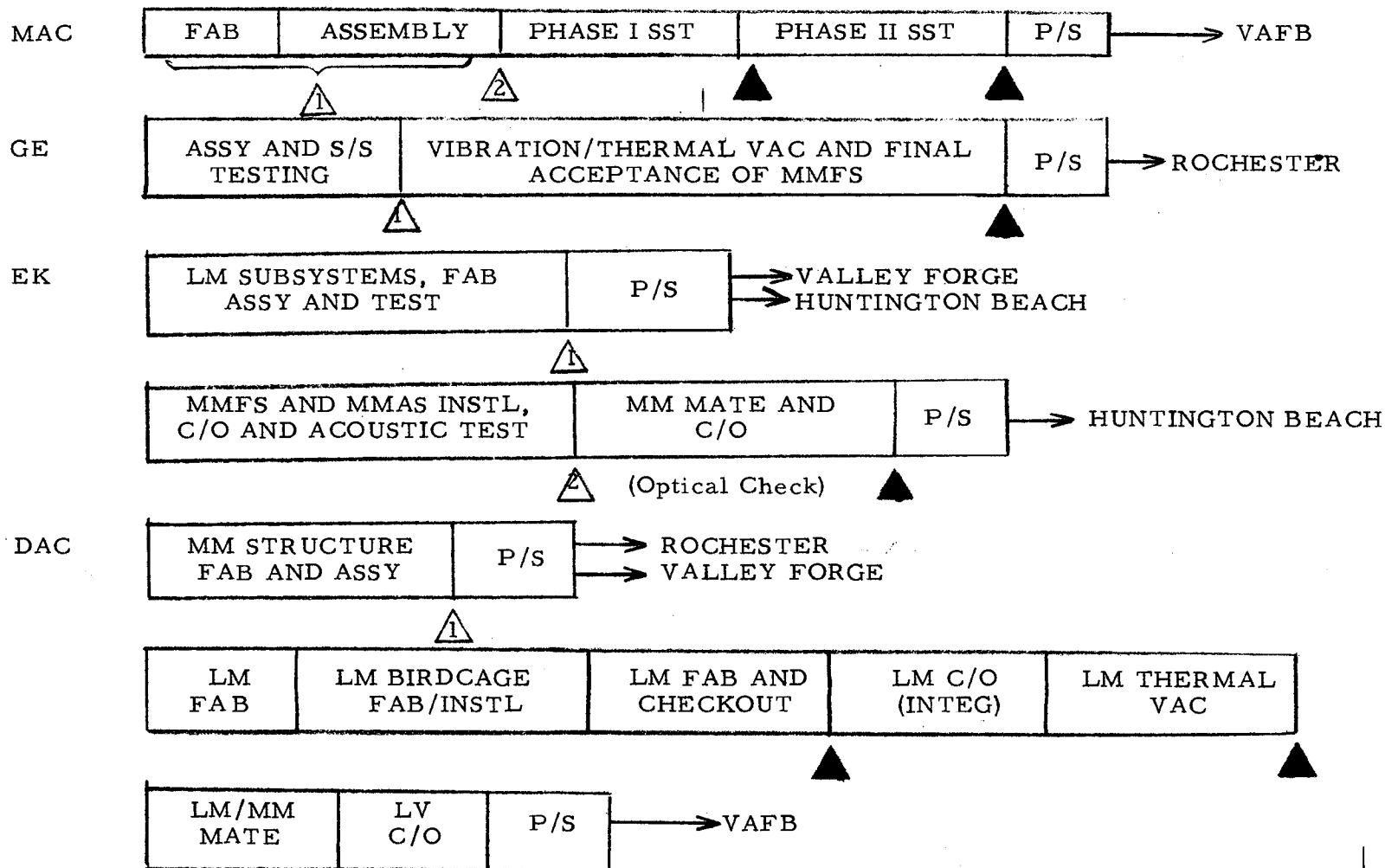
DETERMINATION

- PRIOR TO SHIPMENT FROM ONE ASSOCIATE'S PLANT TO ANOTHER
- PRIOR TO EXTENSIVE ENVIRONMENTAL TESTING
- PRIOR TO INTEGRATION OF TWO OR MORE ASSOCIATE CONTRACTOR'S HARDWARE
- PRIOR TO FINAL ACCEPTANCE BEFORE SHIPMENT TO VAFB

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ACCEPTANCE MILESTONE REVIEWS



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RECOMMENDATION FOR
CONTROLLING HARDWARE FLOW

△ INCREMENTAL REVIEWS

▲ THE ARTICLE UNDER TEST SHALL REMAIN IN ITS TEST
CONFIGURATION FOLLOWING TEST COMPLETION UNTIL A
CERTIFICATION OF COMPLETION OF THE ACCEPTANCE
TEST ACTIVITY HAS BEEN PREPARED AND SIGNED BY THE
CONTRACTOR AND CONCURRED WITH BY THE GOVERNMENT

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ACCEPTANCE TEAMS

- AD HOC ORGANIZATION FOR THE PURPOSE OF PERFORMING MILESTONE REVIEWS

- PERSONNEL SELECTED FROM THE FOLLOWING ORGANIZATIONS AS APPROPRIATE FOR THE SPECIFIC REVIEWS
 - SEGMENT OFFICE(S)
 - ACCEPTANCE AND TECHNICAL READINESS
 - LAUNCH OPERATIONS
 - CONFIGURATION MANAGEMENT
 - DATA SYSTEMS
 - SYSTEM INTEGRATION
 - SAFETY
 - OPERATIONS
 - SUB-DIVISION

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ACCEPTANCE TEAM COMPOSITION

ORGANIZATION MILESTONE	SEGMENT OFFICE(S)	ACCEPT AND TECH READI	L/O	CONFIG MGMT	DATA SYSTEMS	SAFETY, SYS INTEG, OPERATIONS AND SUB-DIVISION
MAC	1	X (1)	X			
	2	X (1)	X			↑
	3	X (1)	X			
	4	X (1)	X	X	X	
GE	1	X (1)	X			
	2	X (2)	X	X	X	Participation from these organizations as required
EK	1	X (1)	X	X	X	
	2	X (2)	X			
	3	X (2)	X	X	X	↓
DAC	1	X (1)	X	X		
	2	X (3)	X			
	3	X (3)	X	X	X	
	4	X (3)	X	X	X	

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() Denotes no. of segment
offices represented

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ACCEPTANCE TEAM TASKS

ASSURE THAT

- ALL REQUIREMENTS AS SPECIFIED IN THE APPLICABLE CEI SPECIFICATION HAVE BEEN MET
- ALL APPLICABLE FACTORY INSPECTION OPERATIONS AND TESTS HAVE BEEN SATISFACTORILY COMPLETED
- THE CONFIGURATION OF THE ARTICLE IS CORRECT AND IN ACCORDANCE WITH SPECIFIED REQUIREMENTS
- ALL REQUIRED DOCUMENTATION IS COMPLETE AND SATISFACTORY
- ALL DISCREPANCIES/NON-CONFORMANCES, MALFUNCTIONS AND FAILURES HAVE BEEN DOCUMENTED AND PROPERLY DISPOSITIONED, AND WHEN REQUIRED, FAILURE ANALYSIS AND CORRECTIVE ACTION IMPLEMENTED

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CONTROL CYCLES 10/10/15

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ATTENDEES

O. Ledford	B. Hohmann
W. Williams	B. Moss
F. Dietrich	J. Bazyk
C. Gandy	J. Wambolt
R. Hull	R. Choat
E. Benschine	P. Richardson
T. Sumner	R. Combs
J. Murphy	R. Rector
J. Glasgow	W. Trevaskis
N. Farrell	
G. Ankenbrandt	
C. Coleman	

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