

1. REMOTE SITE CONSOLE
2. MCC OPS ROOM & WORLD MAP
3. RETRO, FIDO, PLOTBOARDS (2)
4. NETWORK STATUS MONITOR (2)
5. FLIGHT DIRECTOR (2)
6. CAPSULE SYSTEMS MONITOR (2)
7. CAPSULE ENVIRONMENT MONITOR (2)
8. SUPPORT CONTROL CO-ORD. (2)
9. PROCEDURES (2)
10. MISSILE TM MONITOR (2)
11. FLIGHT SURGEON (2)
12. CAPSULE COMMUNICATOR (2)
13. RETROFIRE CONTROLLER (2)
14. FLIGHT DYNAMICS OFFICER (2)
15. RECOVERY STATUS MONITOR (2)

LEFT

RIGHT

1. DESIGN GROUND RULES

2. PRE-LAUNCH - INPUTS
AND FUNCTIONS.

3. MCC PHOTO

4. ~~EDU~~

6. COMPUTING DATA FLOW

7. RETRO CONTROLLER &
FIDO CONSOLES &
PLOT BOARDS

10. LAUNCH PHASE

11. REMOTE PASS

3I CAP COM CONSOLE

(note others are all in pre-print).

4. BDA OPS ROOM

5. REMOTE SITE OPS ROOM

8 PLOTBOARDS (#IV, I)

9. " (#I, III)

(DELETED - RETRO SEQUENCE)

MERCURY NETWORK DESIGN GROUND RULES

BODY LETTERING

HEIGHT

REAL TIME

1. ~~CONTINUOUS~~ TRACKING, VOICE AND TELEMETRY
LIFT-OFF THROUGH INSERTION

REAL TIME

2. PERIODIC[^] TRACKING^{*}, VOICE AND TELEMETRY
DURING EACH ORBIT

REAL TIME

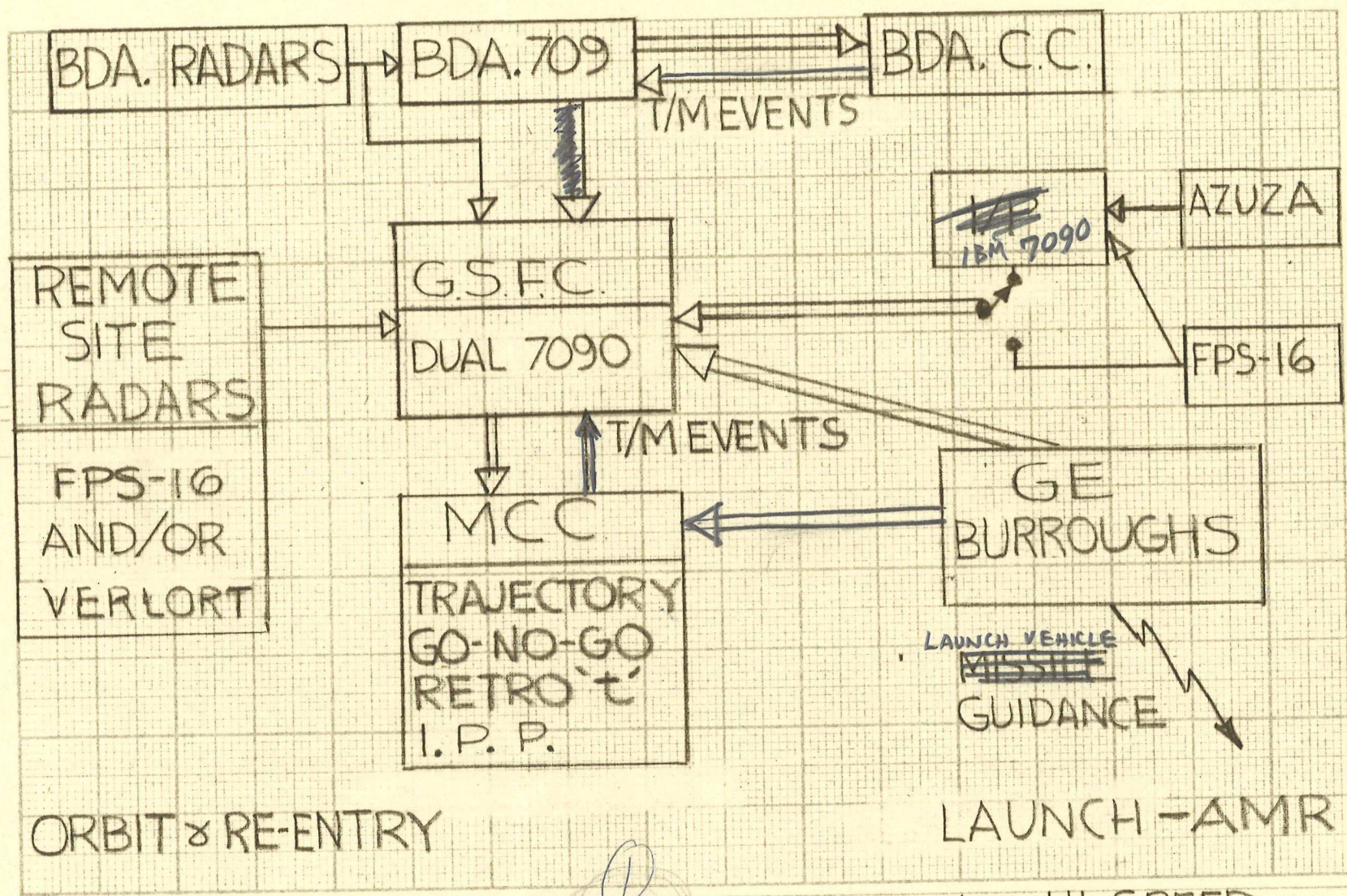
3. CONTINUOUS[^] TRACKING^{*} DURING RE-ENTRY

REAL TIME

4. CONTINUOUS[^] IMPACT^p PREDICTIONS^{*}

* HAS TELETYPE DELAY TIME.

MERCURY COMBINING DATA FLOW



① ~~DATA LINES~~ DATA LINES
 ⇔ HI SPEED
 ← LO SPEED

10 x 10 TO THE 1/2-IN

AUTHOR KRA

SLIDE NO. 6

MERCURY CONTROL CENTER

PRE-LAUNCH INPUTS AND FUNCTIONS

1. ^{LAUNCH VEHICLE BODY LETTERING} ~~BOOSTER~~ READINESS
2. ^{SPACE VEHICLE} ~~CAPSULE~~ READINESS
3. ASTRONAUT READINESS
4. NETWORK COUNTDOWN AND READINESS
5. ^{RECOVERY} ~~RECOVERY~~ READINESS
6. WEATHER ASSESSMENT- LAUNCH,
GROUND TRACK AND RECOVERY AREAS.
7. FLIGHT CONTROL TEAM READINESS

MAXIMUM DECELERATION FOR BALLISTIC REENTRY INTO EARTH ATMOSPHERE

