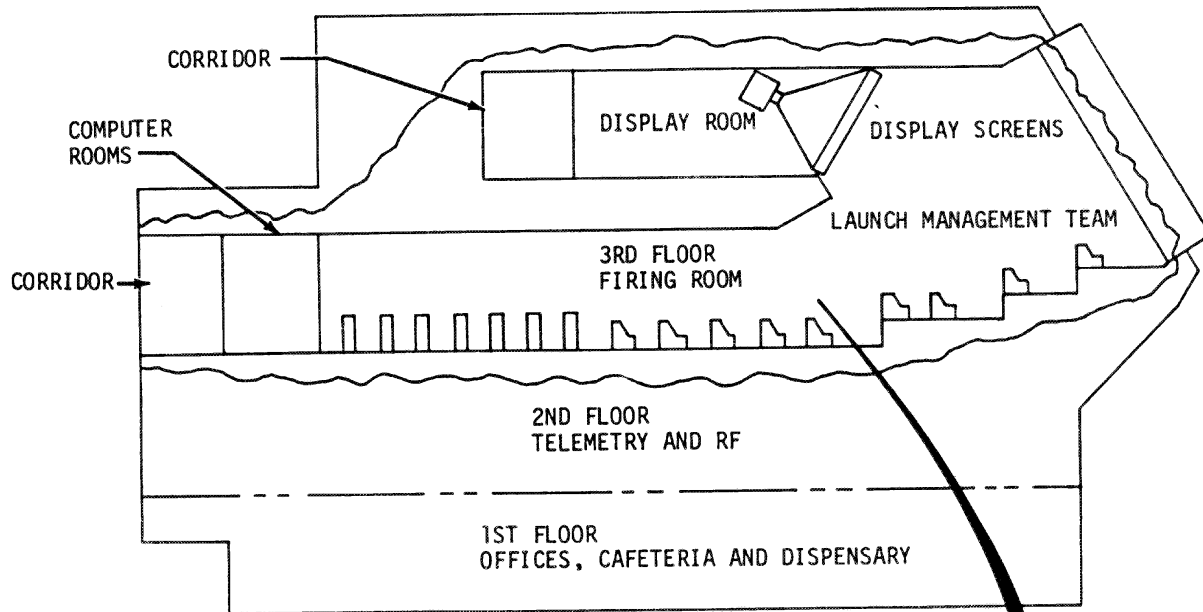
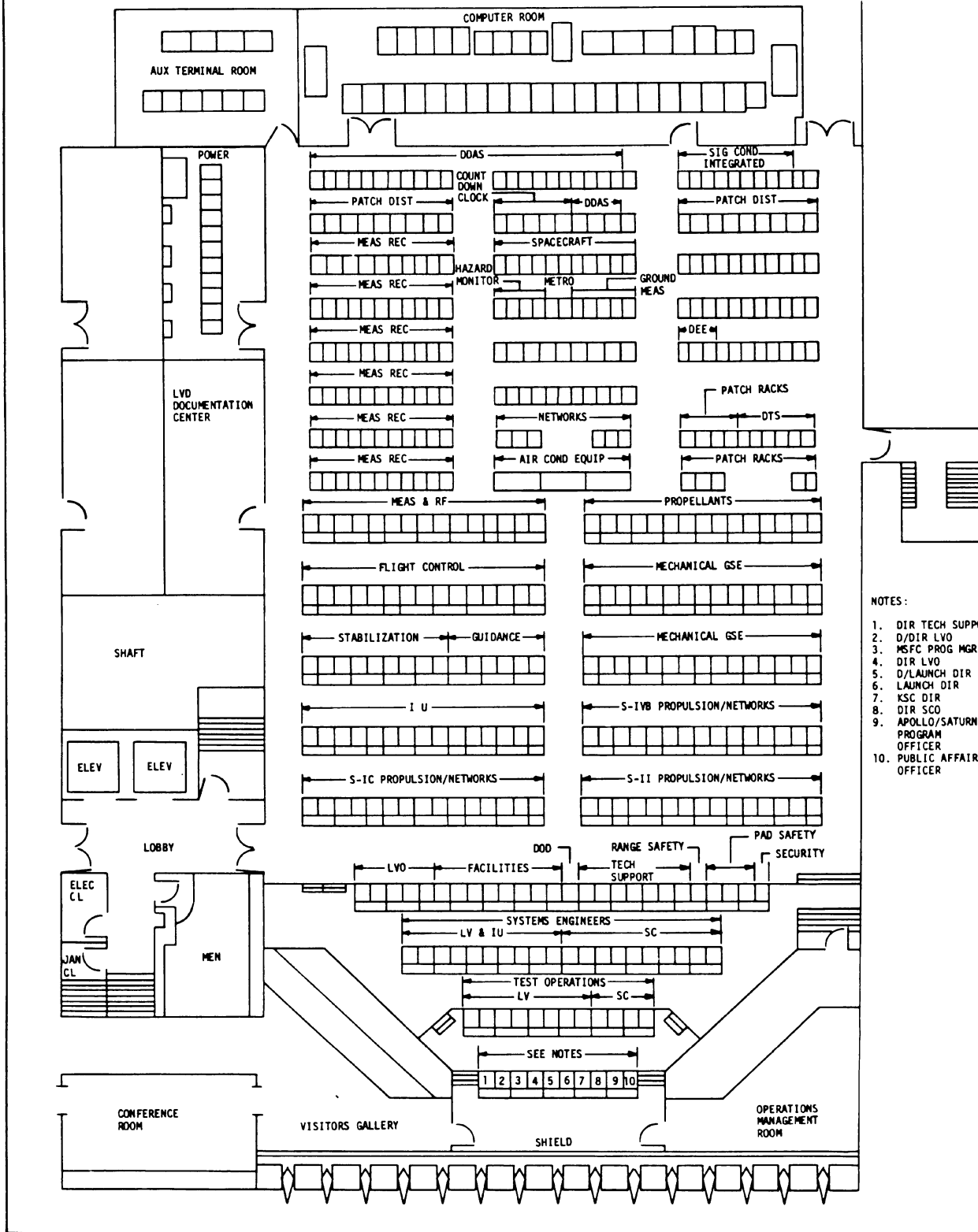


### LCC FACILITY LAYOUT

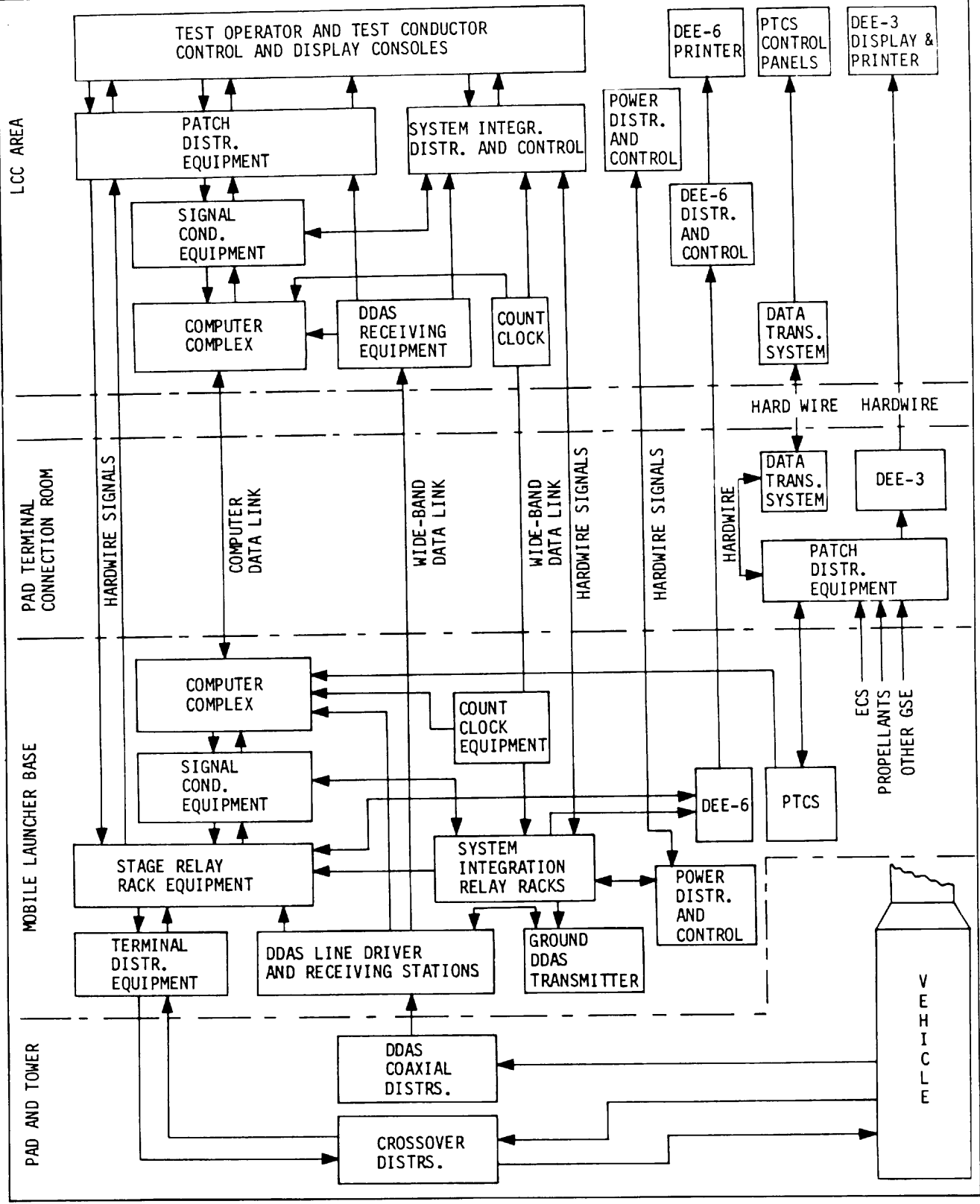


# FIRING ROOM (TYPICAL)

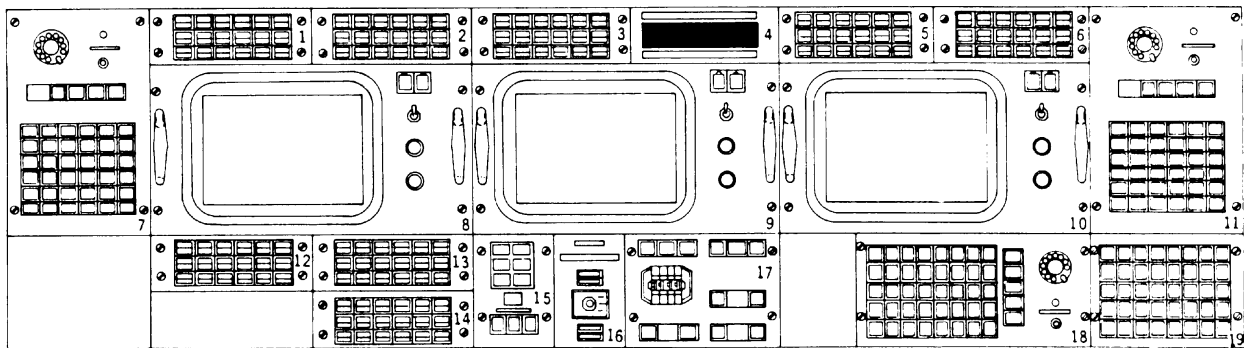


- NOTES:
1. DIR TECH SUPPORT
  2. D/DIR LVO
  3. MSFC PROG MGR
  4. DIR LVO
  5. D/LAUNCH DIR
  6. LAUNCH DIR
  7. KSC DIR
  8. DIR SCO
  9. APOLLO/SATURN PROGRAM OFFICER
  10. PUBLIC AFFAIRS OFFICER

# FUNCTIONAL INTERCONNECT DIAGRAM

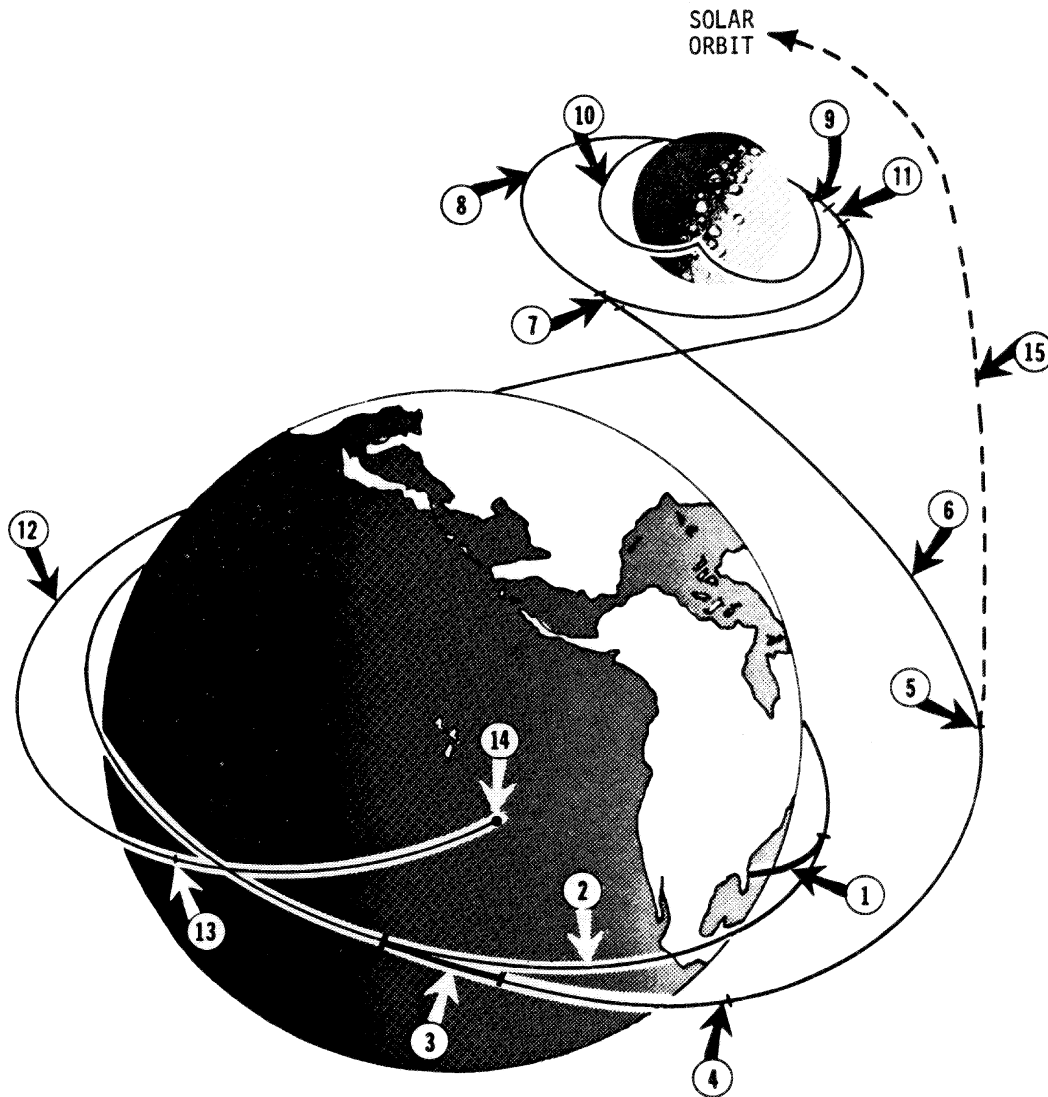


## TYPICAL CONFIGURATION - BOOSTER SYSTEMS ENGINEERS CONSOLE



- |                                                                                 |                                        |
|---------------------------------------------------------------------------------|----------------------------------------|
| 1. EVENT INDICATORS (S-IC/S-II)                                                 | 8. TV MONITOR                          |
| 2. EVENT INDICATOR (VEHICLE<br>TELEMETRY STATUS, EDS, COMMAND,<br>RANGE SAFETY) | 9. TV MONITOR                          |
| 3. EVENT INDICATORS (S-IVB)                                                     | 10. TV MONITOR                         |
| 4. GROUND ELAPSED TIME MODULE                                                   | 11. COMMUNICATIONS MODULE              |
| 5. EVENT INDICATORS (GUIDANCE<br>AND NAVIGATION, ATTITUDE<br>CONTROL)           | 12. COMMAND MODULE                     |
| 6. EVENT INDICATORS (GUIDANCE<br>AND NAVIGATION, ATTITUDE<br>CONTROL)           | 13. COMMAND MODULE                     |
| 7. COMMUNICATIONS MODULE                                                        | 14. COMMAND MODULE                     |
|                                                                                 | 15. STATUS REPORT MODULE               |
|                                                                                 | 16. ABORT REQUEST MODULE               |
|                                                                                 | 17. MANUAL SELECT KEYBOARD             |
|                                                                                 | 18. COMMUNICATIONS MODULE              |
|                                                                                 | 19. SUMMARY MESSAGE ENABLE<br>KEYBOARD |

## TRAJECTORY PROFILE FOR A LUNAR LANDING MISSION



- |                                                         |                                   |
|---------------------------------------------------------|-----------------------------------|
| 1. BOOST TO EARTH ORBIT-S-IC, S-II, AND S-IVB OPERATION | 8. COAST IN LUNAR ORBIT           |
| 2. COAST IN EARTH ORBIT                                 | 9. LM DESCENT                     |
| 3. S-IVB TRANSLUNAR INJECTION BOOST                     | 10. LM ASCENT                     |
| 4. INITIATE TRANSPOSITION AND DOCKING MANEUVER          | 11. SM TRANSEARTH INJECTION BOOST |
| 5. LV/SC FINAL SEPARATION                               | 12. TRANSEARTH COAST              |
| 6. TRANSLUNAR COAST                                     | 13. EARTH ATMOSPHERE REENTRY      |
| 7. SM DEBOOST TO CIRCULAR LUNAR ORBIT                   | 14. TOUCHDOWN                     |
|                                                         | 15. S-IVB SLINGSHOT               |