

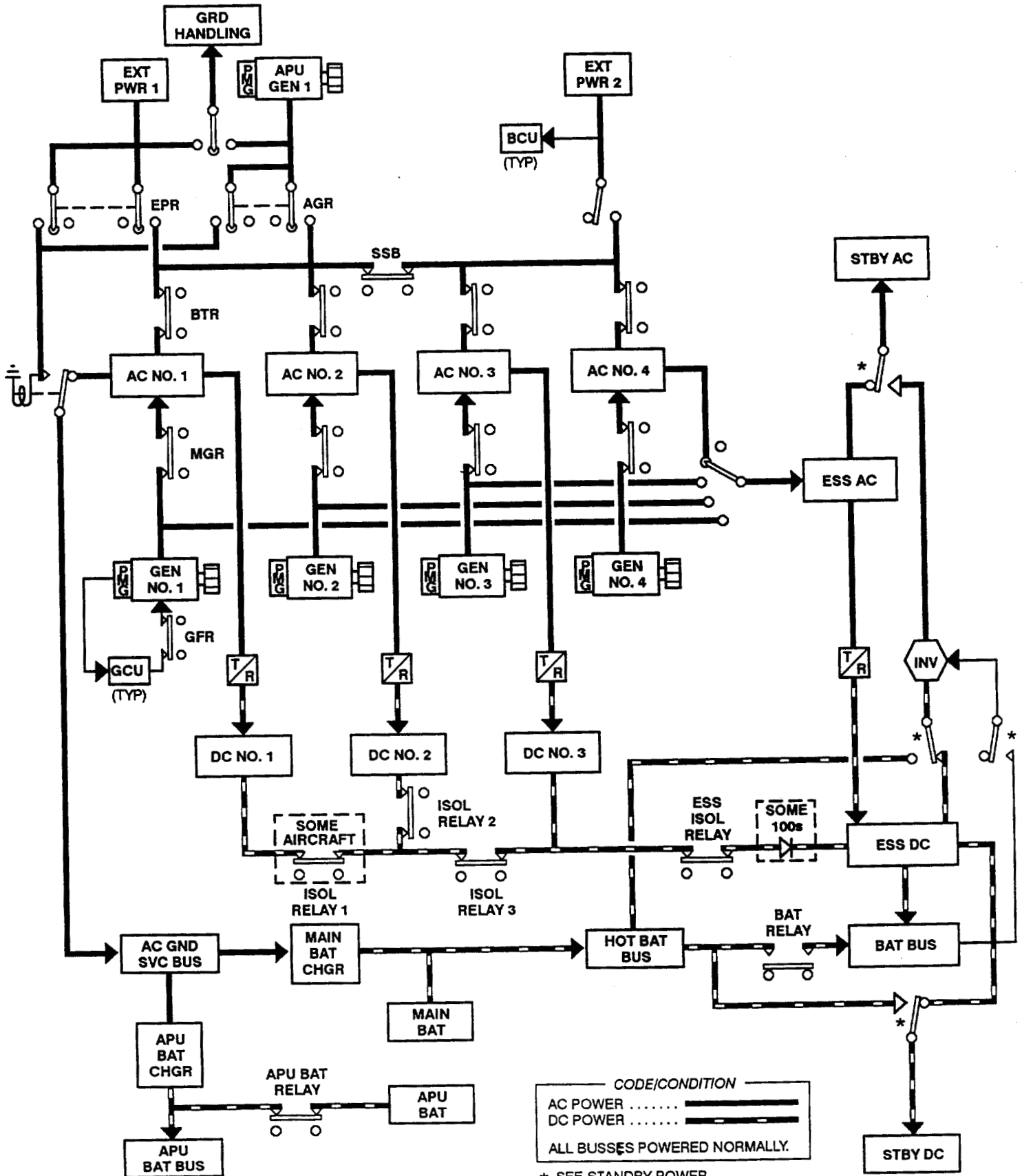
DOCKET NO. **SA- 516**

EXHIBIT NO. **2R**

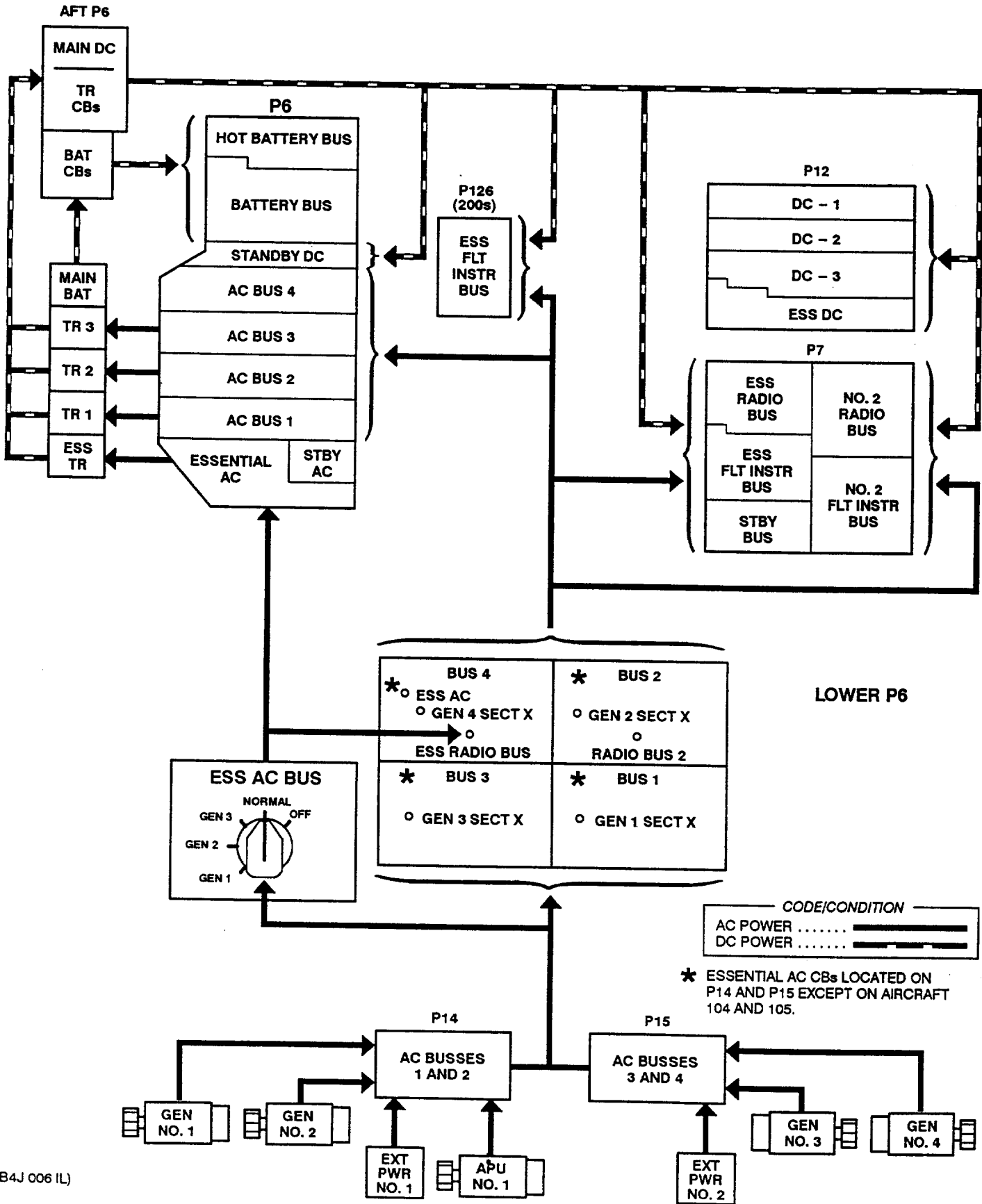
**NATIONAL TRANSPORTATION SAFETY BOARD
WASHINGTON, D.C**

ELECTRICAL SYSTEMS DIAGRAMS

ELECTRICAL SYSTEM

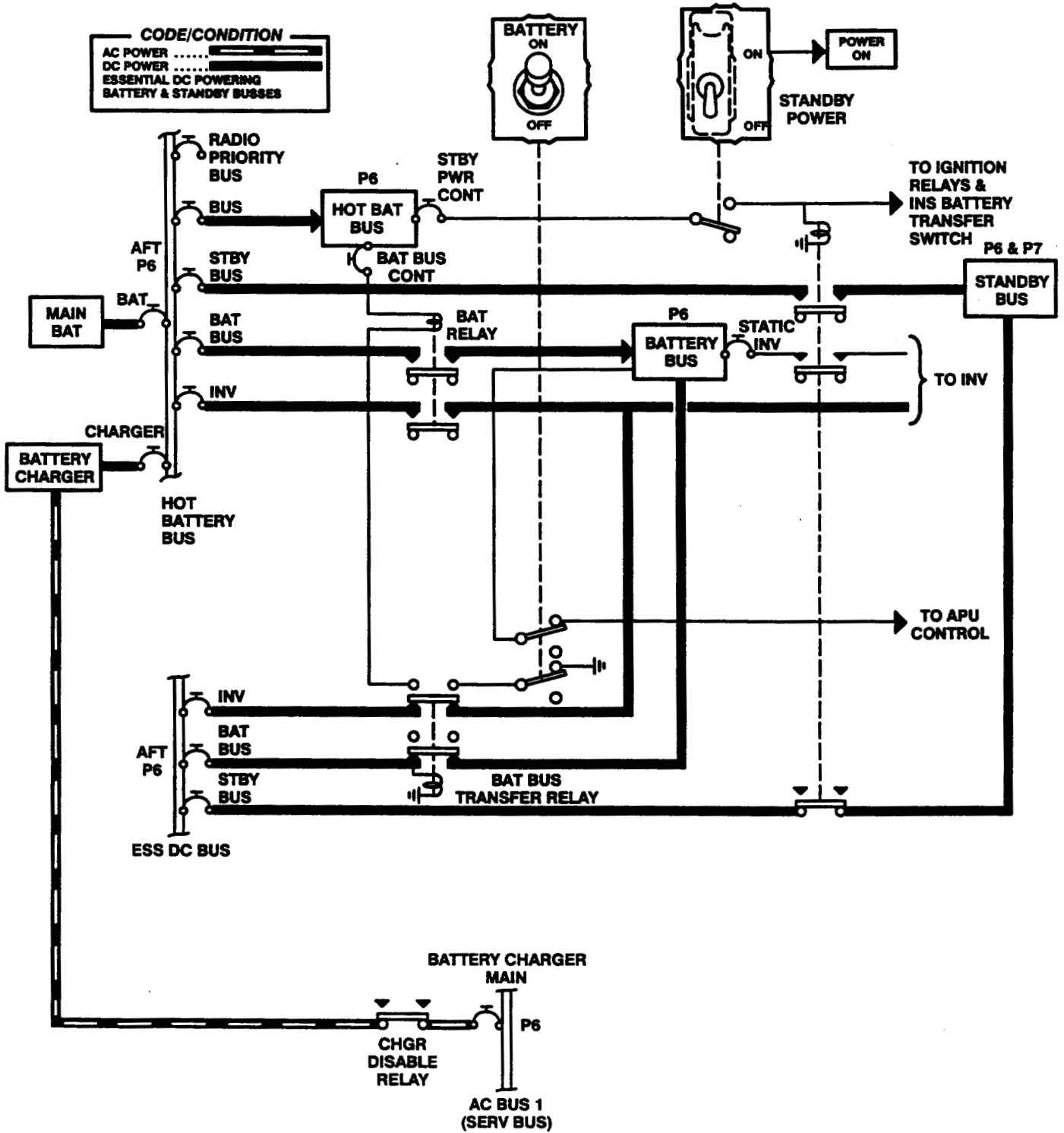


ELECTRICAL POWER DISTRIBUTION

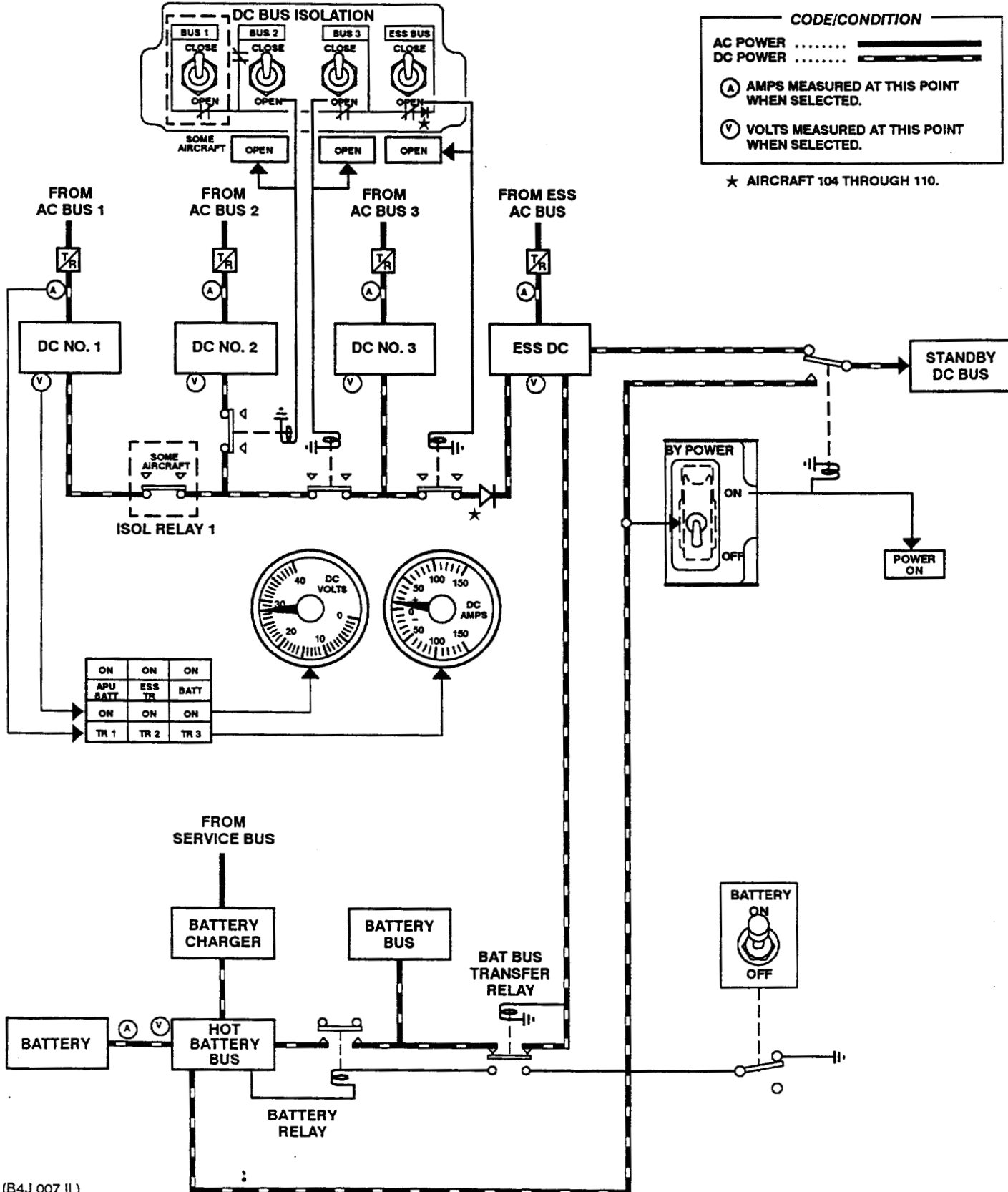


(B4J 006 IL)

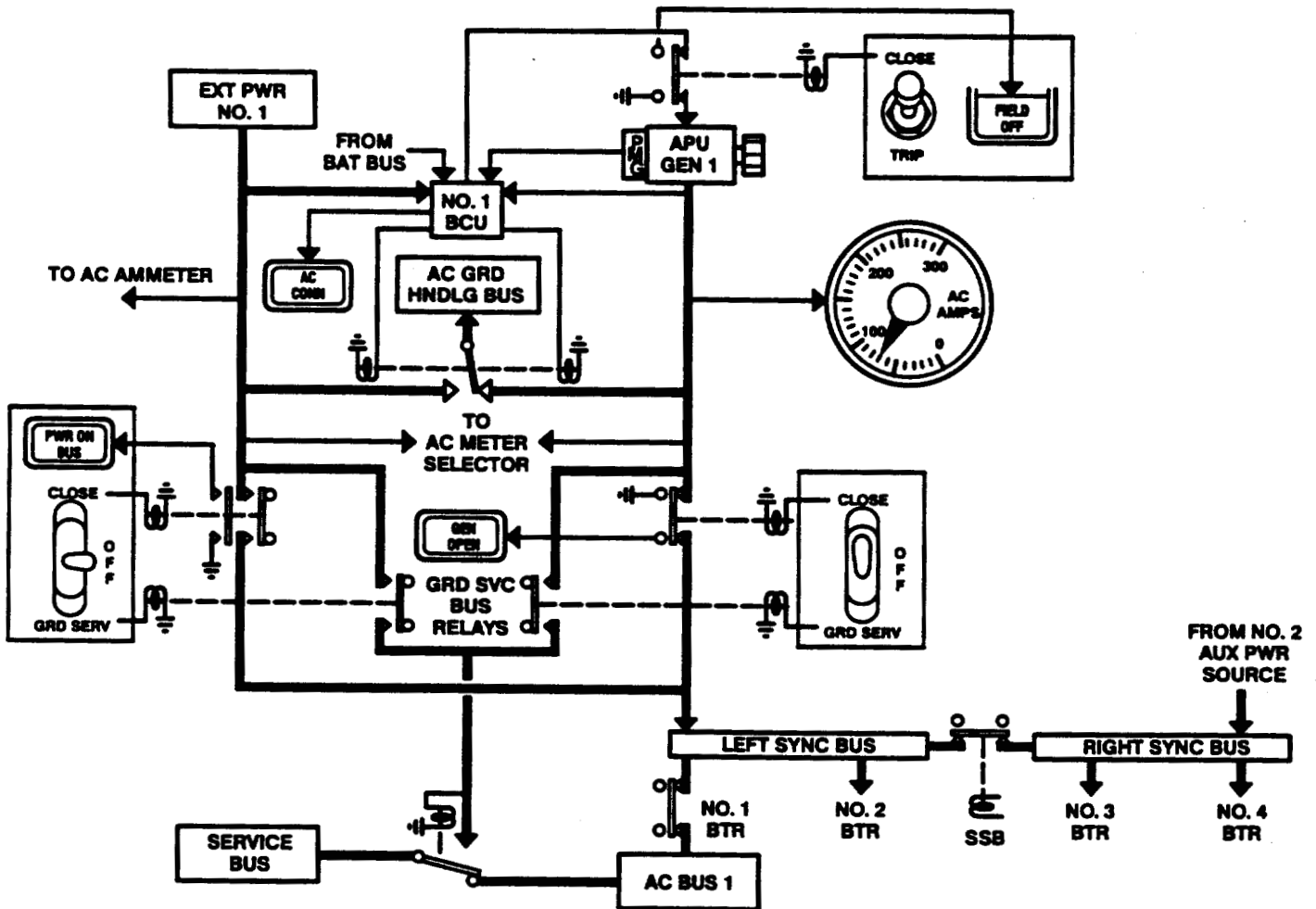
MAIN BATTERY



DC POWER SYSTEM



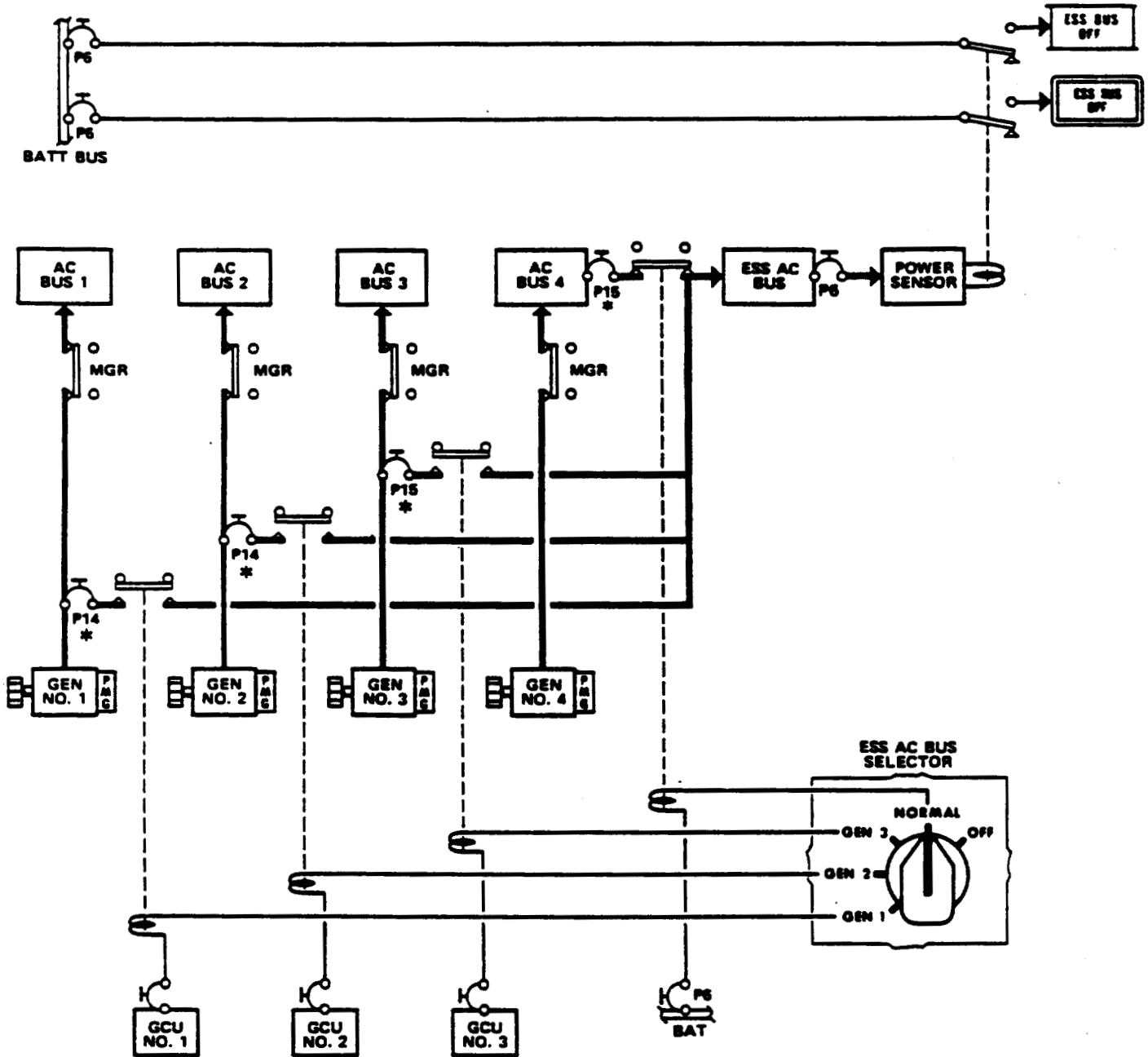
AUXILIARY POWER



CODE/CONDITION
APU GENERATOR IN USE, SSB CLOSED
AND SERVICE BUS POWERED BY BUS NO. 1

NO. 1 AUX SYSTEM SHOWN.
NO. 2 EXT IDENTICAL EXCEPT IT CANNOT
POWER THE GROUND HANDLING BUS AND
A GRD SERV POSITION IS NOT AVAILABLE.

ESSENTIAL AC BUS SELECTION AND FAIL INDICATION

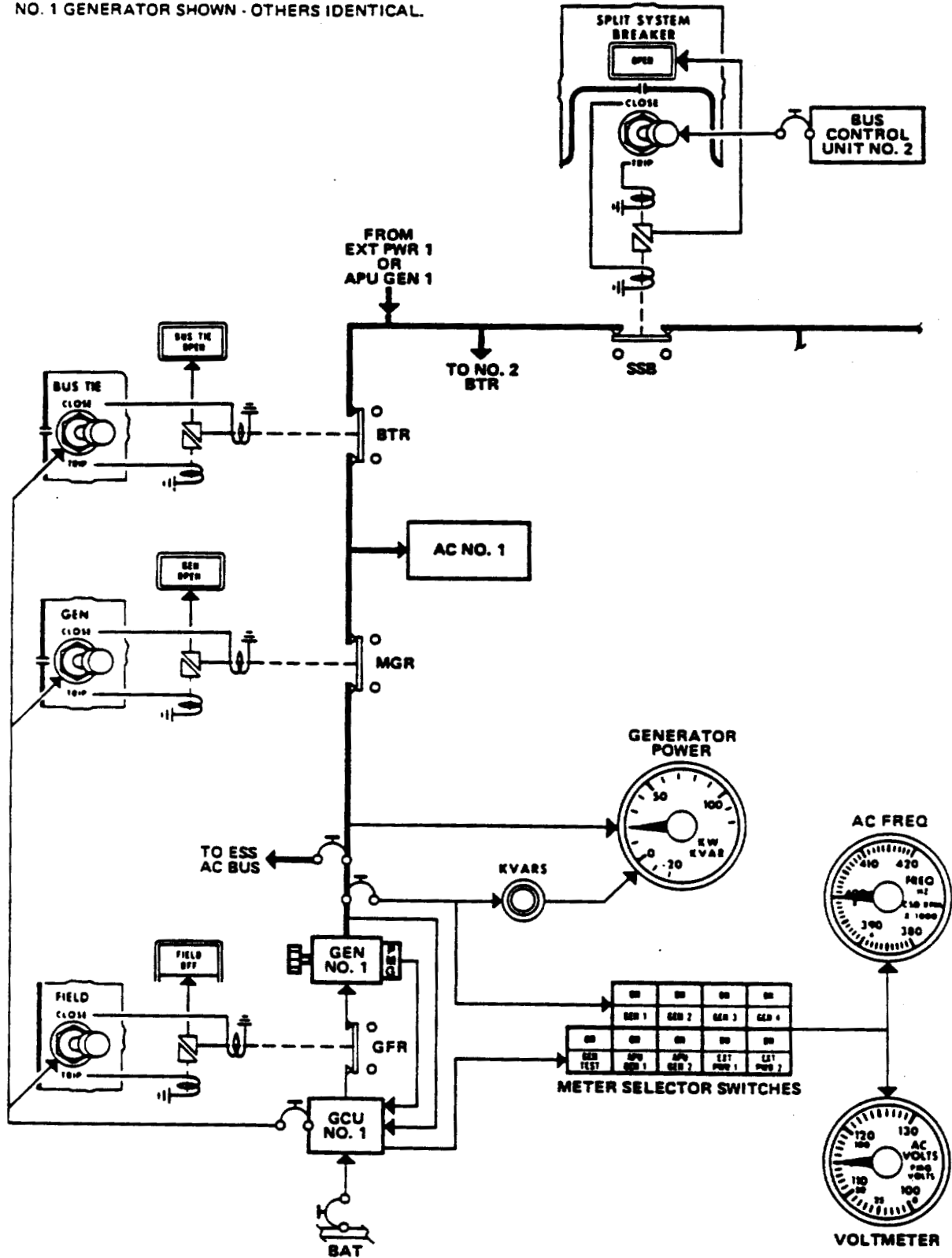


CODE/CONDITION
ESS AC BUS POWERED FROM AC BUS NO. 4. ALL BUS POWER NORMAL.

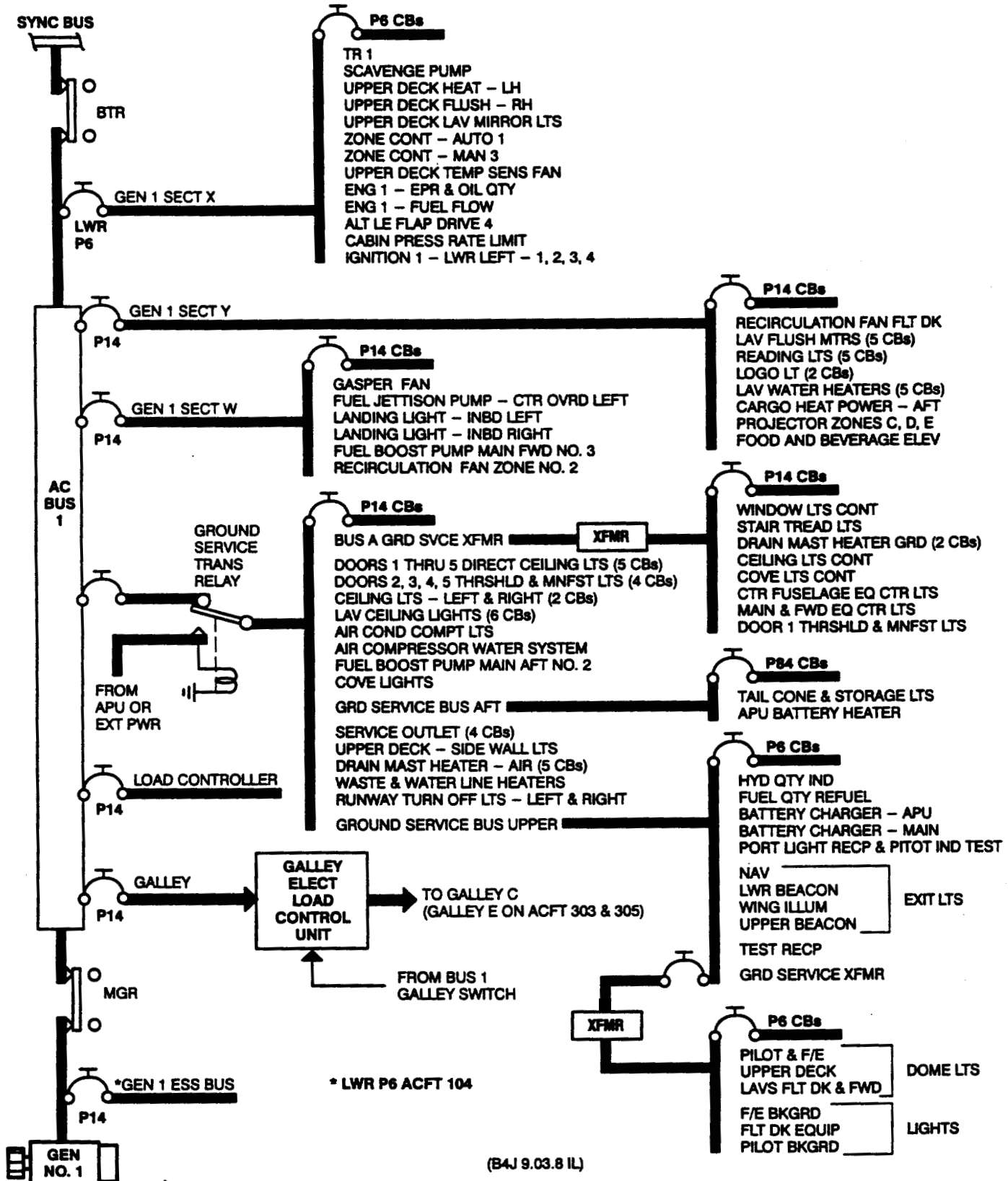
*LOWER P6 AIRCRAFT 104 & 105.

GENERATOR CONTROL AND INDICATION

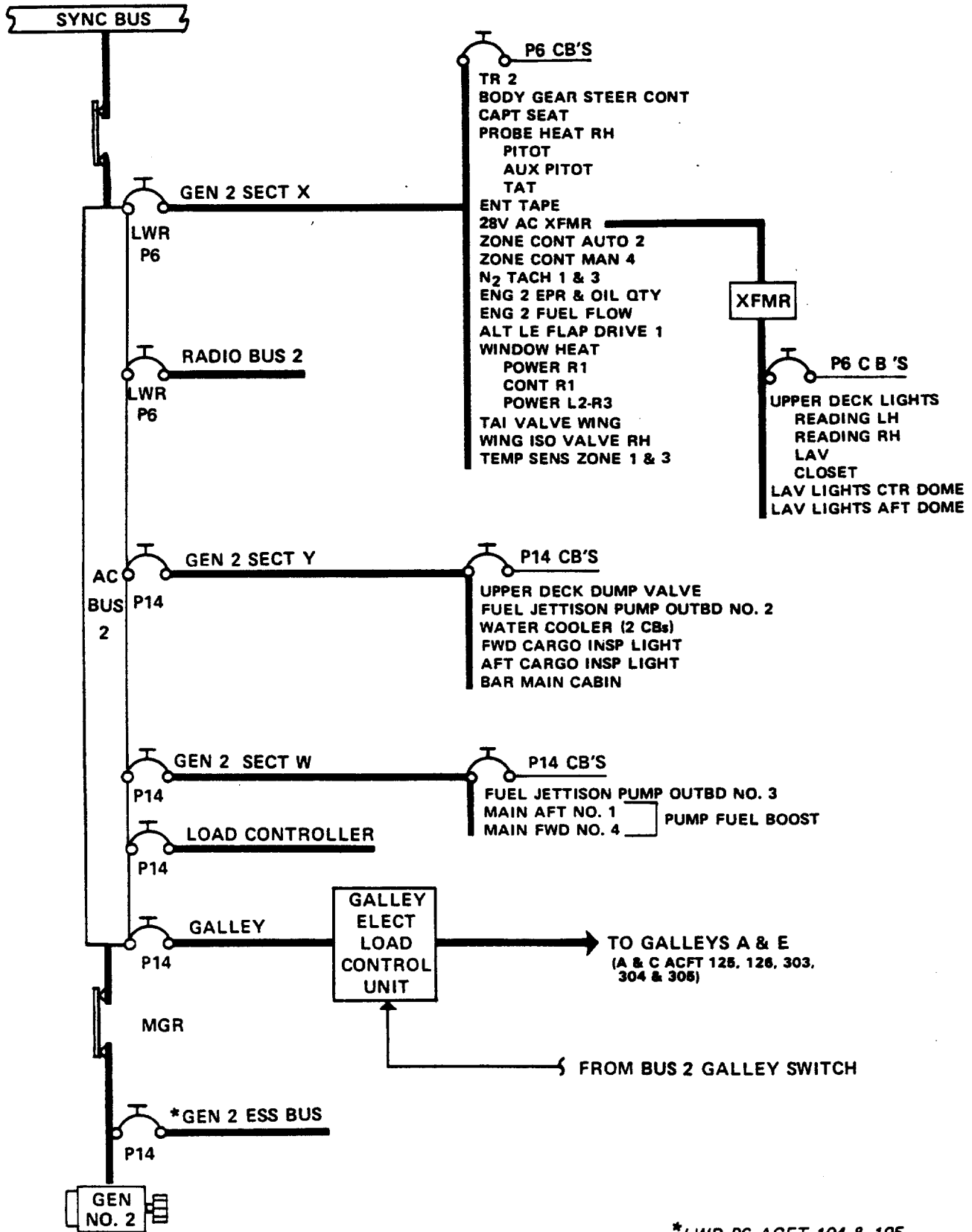
NO. 1 GENERATOR SHOWN - OTHERS IDENTICAL.



AC BUS 1 AND GROUND SERVICE

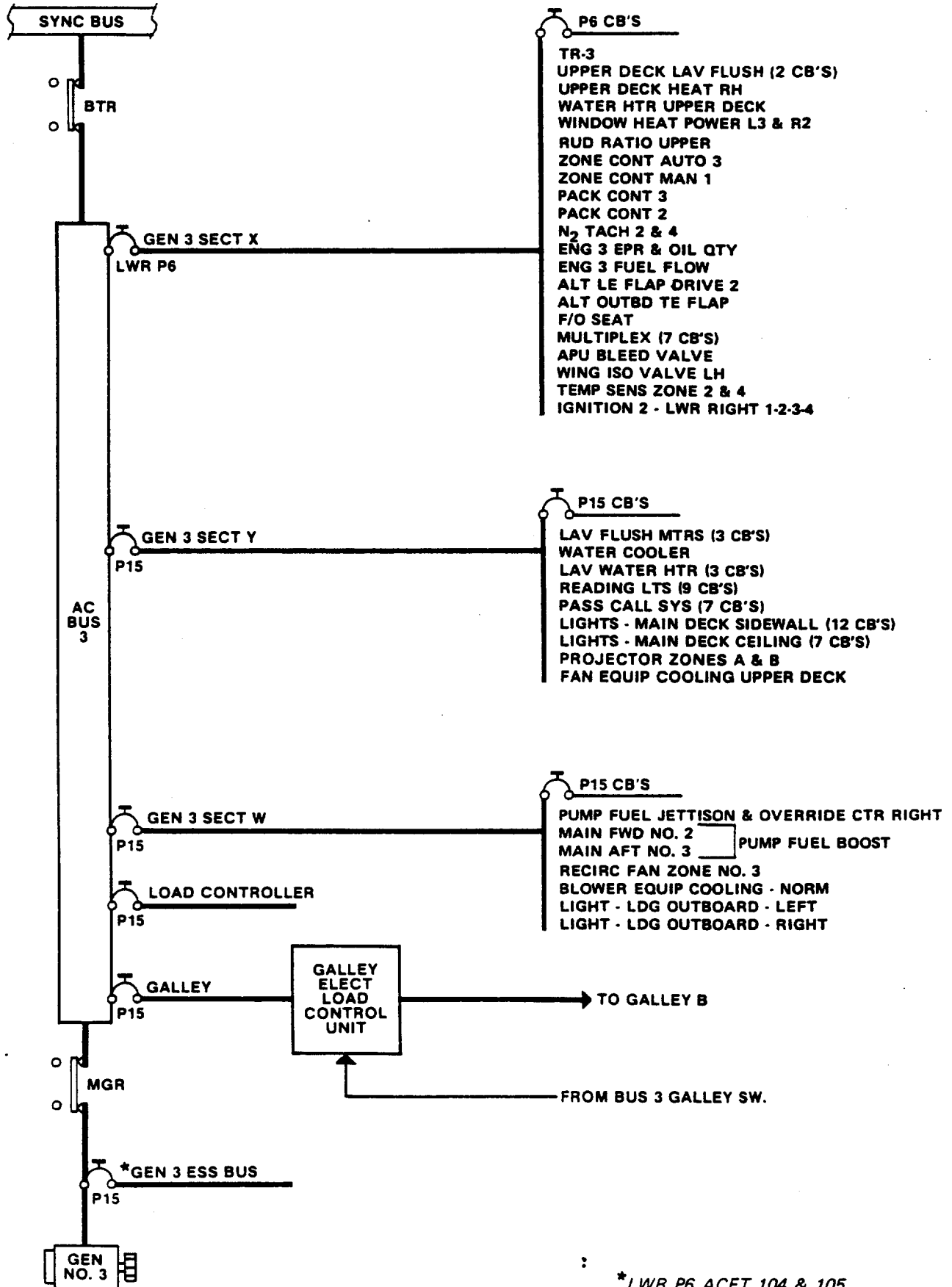


AC BUS NO. 2

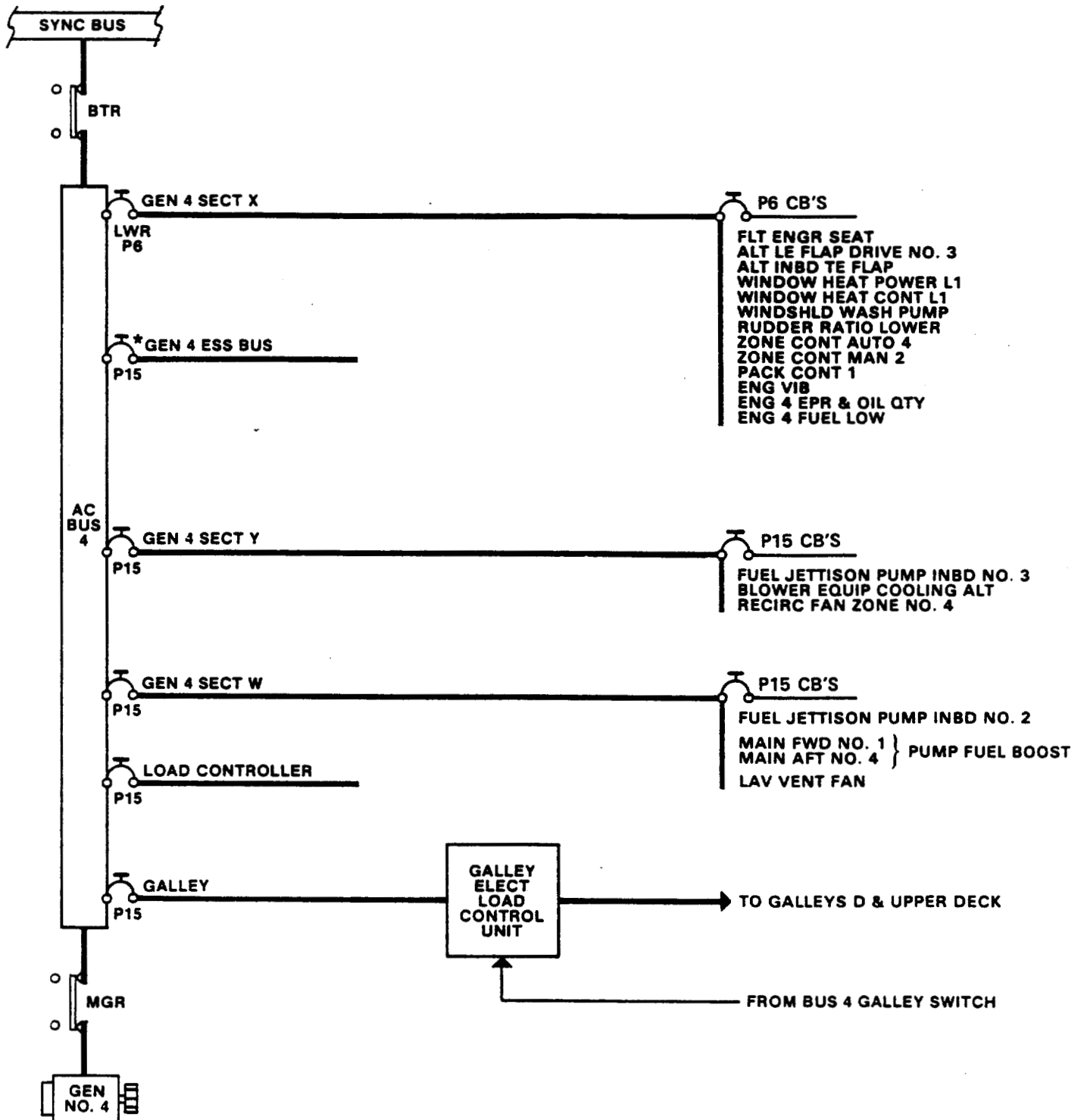


*LWR P6 ACFT 104 & 105

AC BUS NO. 3

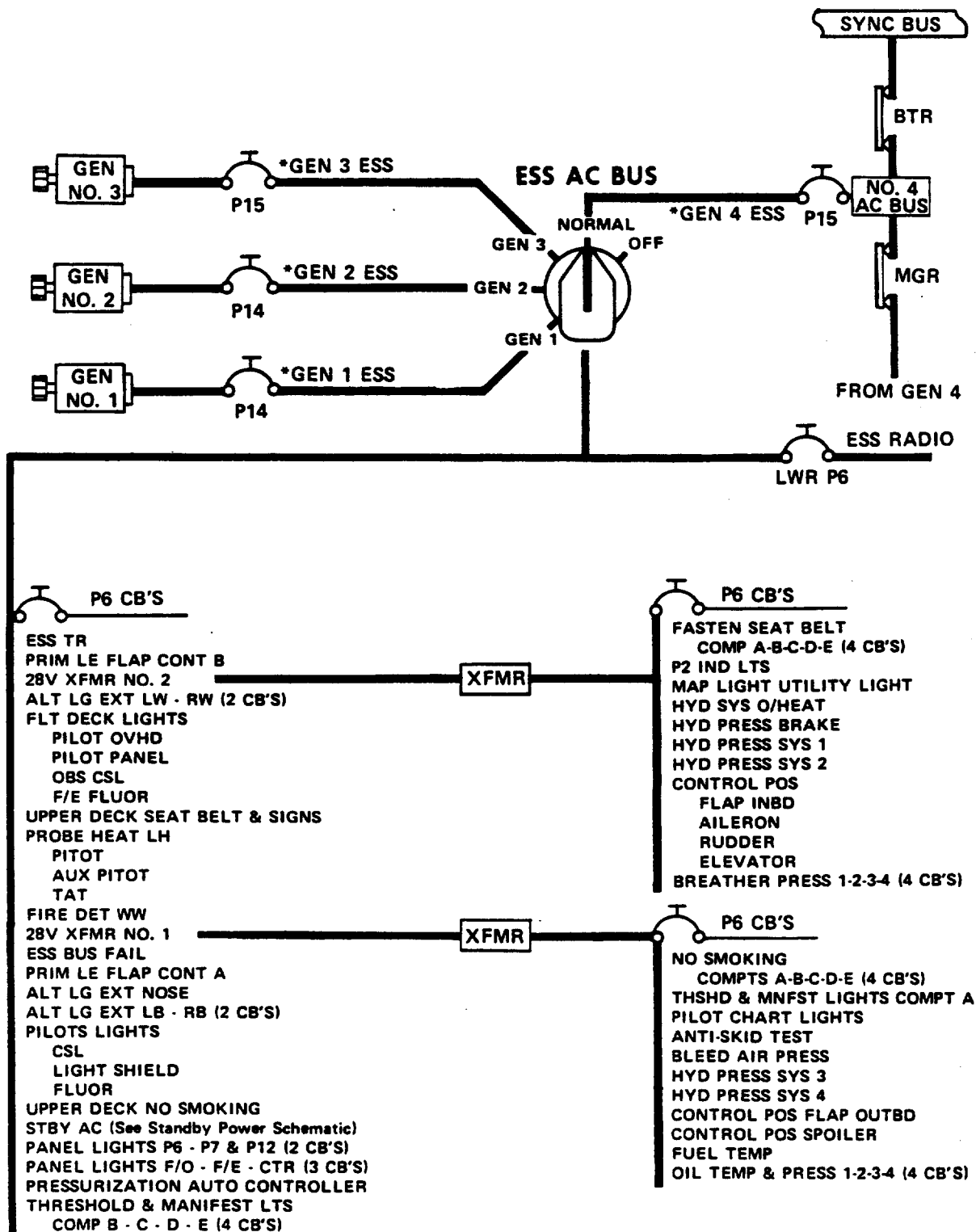


AC BUS NO. 4



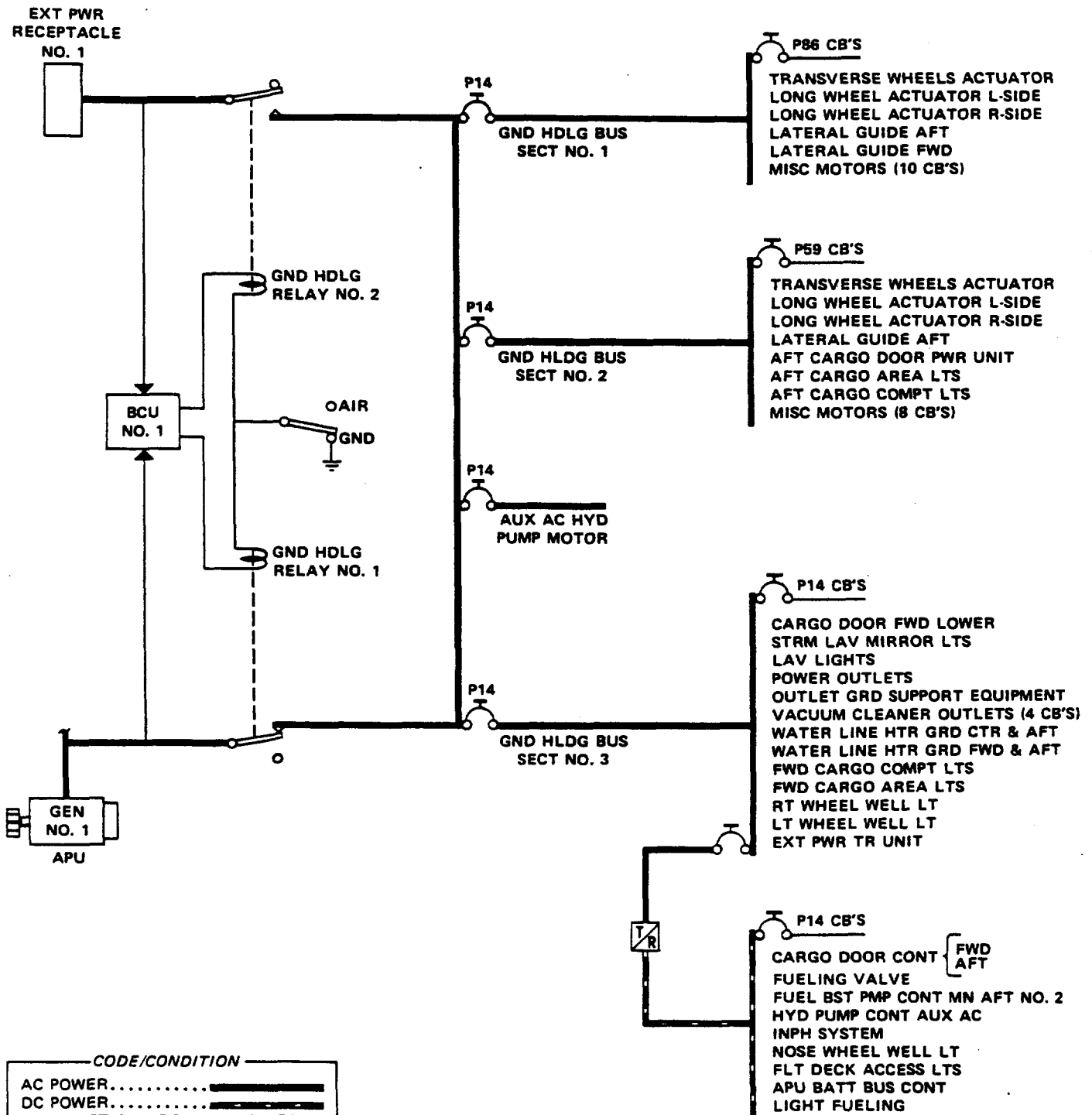
*LWR P6 ACFT 104 & 105

ESSENTIAL AC BUS



*LWR P6 ACFT 104 & 105

GROUND HANDLING AC AND DC BUSES



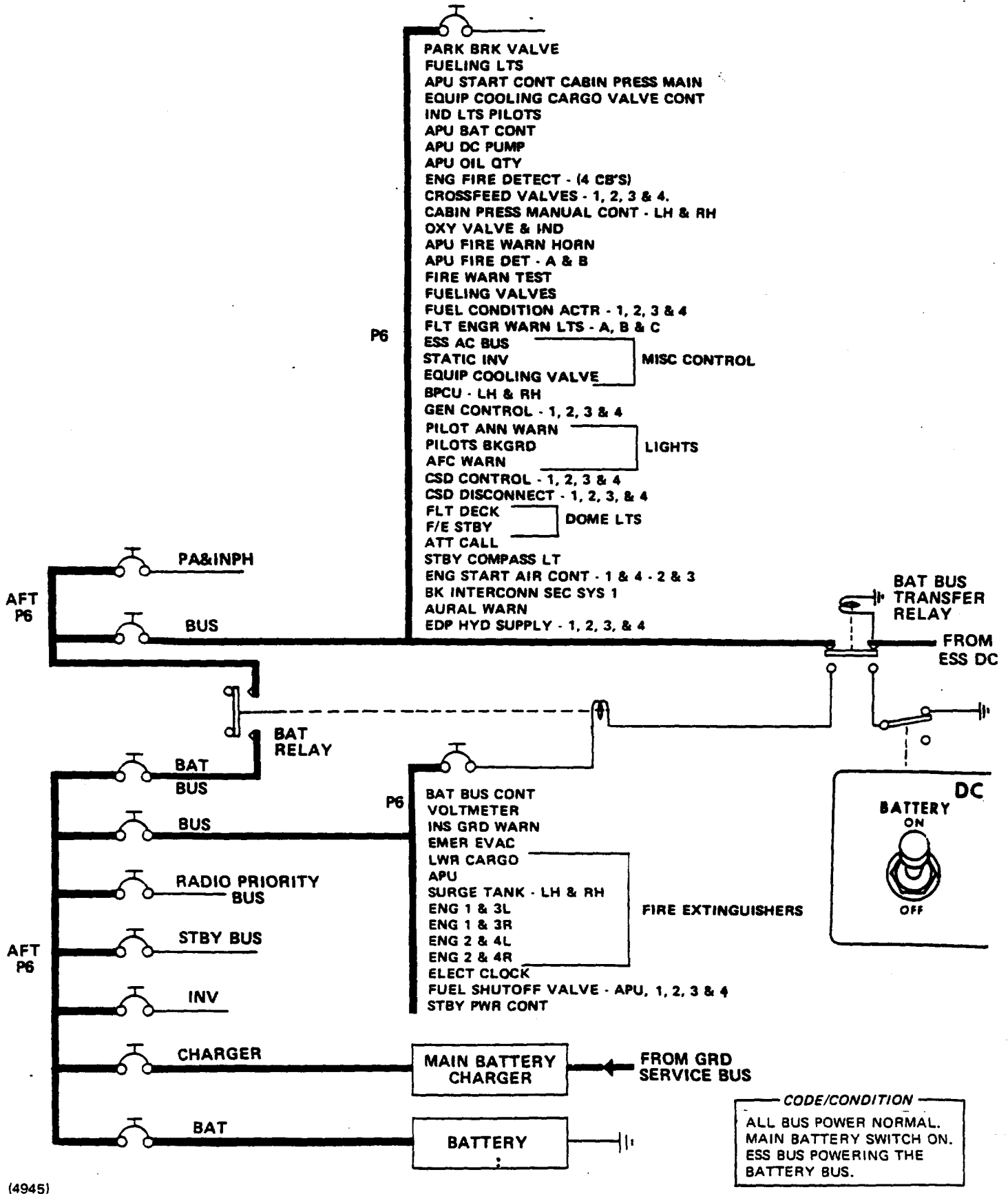
CODE/CONDITION

AC POWER.....**—————**

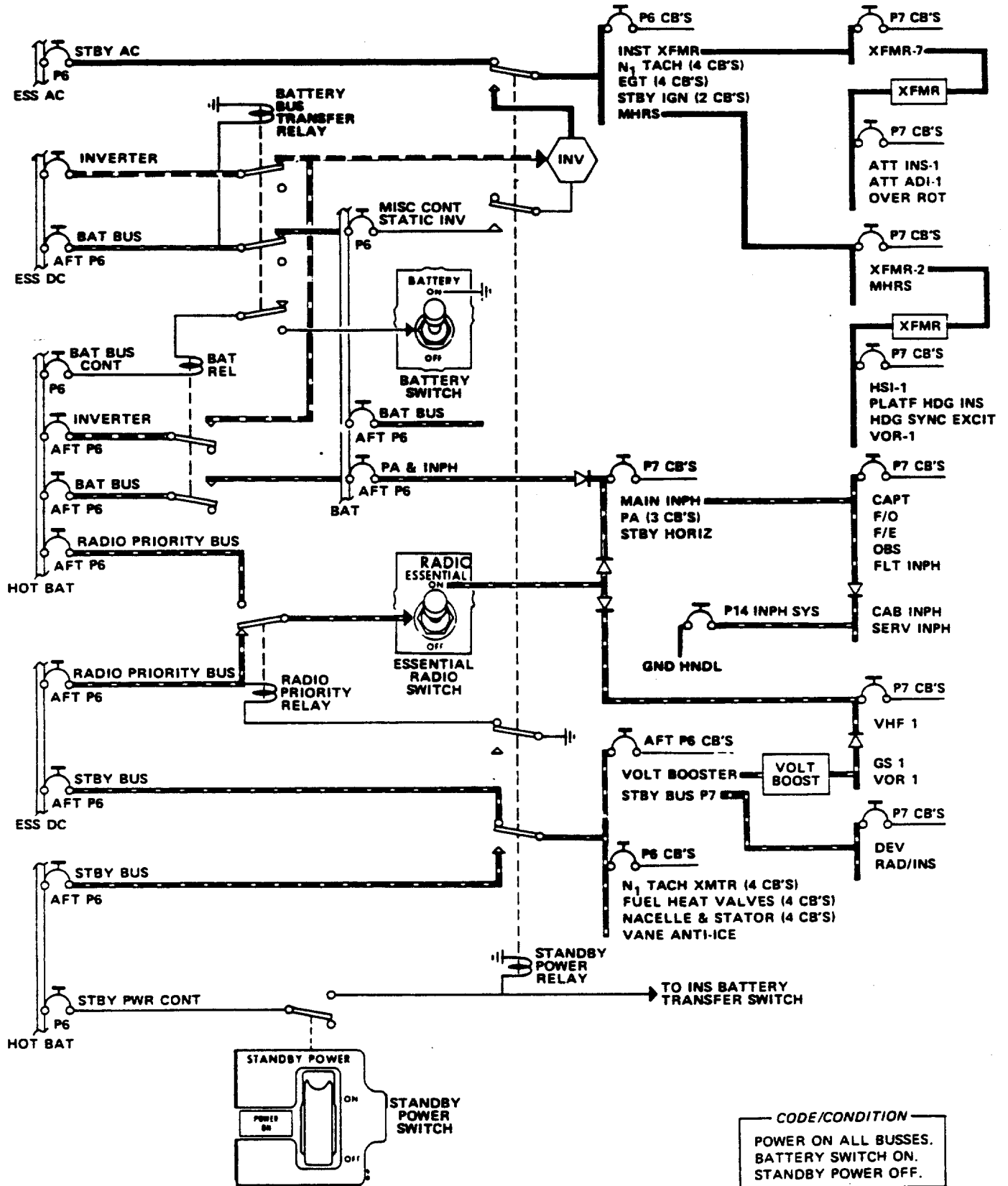
DC POWER.....**—————**

AIRCRAFT ON GROUND. APU GEN NO. 1 RUNNING & GEN FIELD RELAY CLOSED. BUS CONTROL UNIT (BCU) NO. 1 POWERING GND HDLG RELAY NO. 1, THUS, APU GEN NO. 1 POWERING GND HANDLING BUSES.

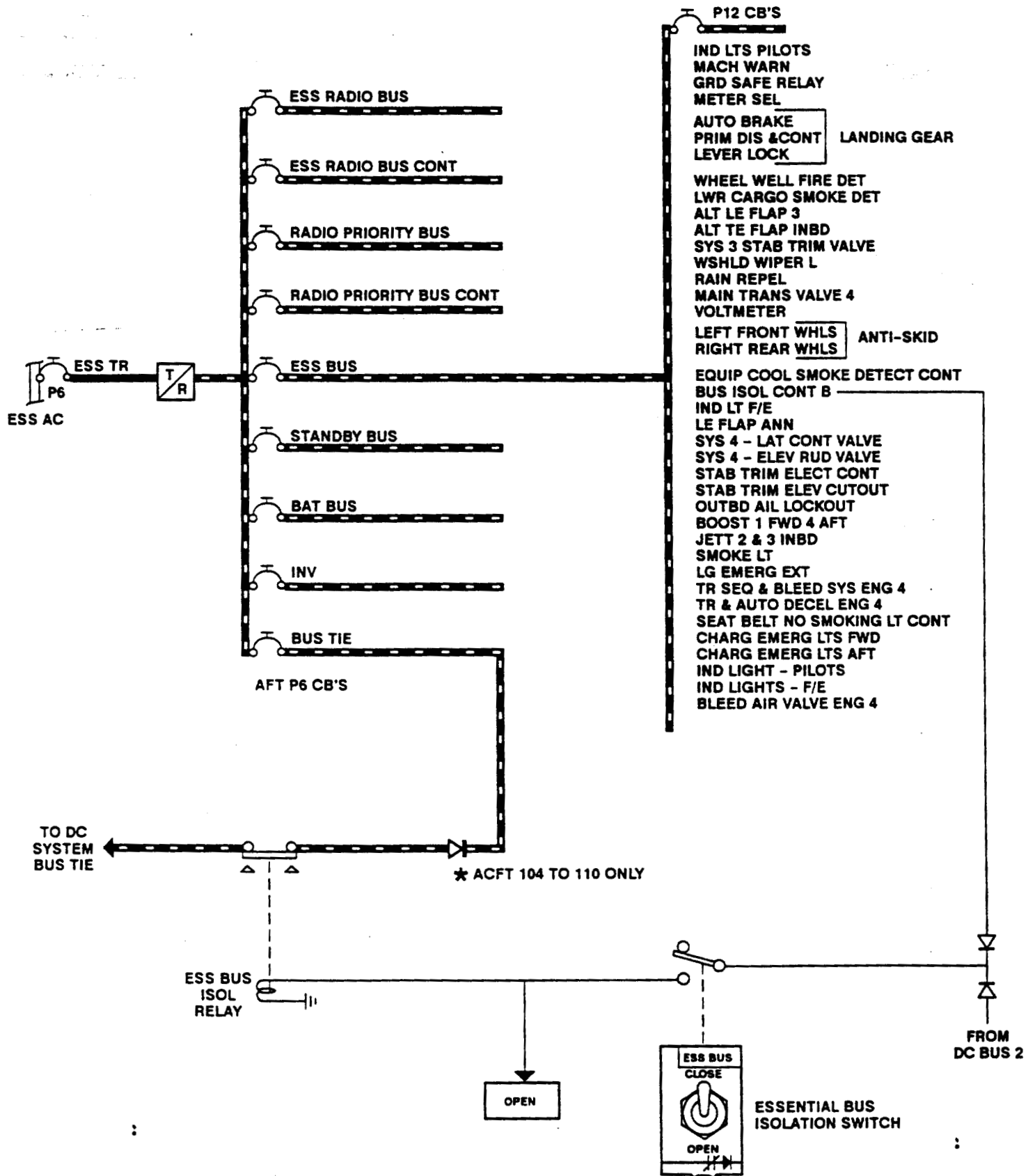
MAIN BATTERY BUSES



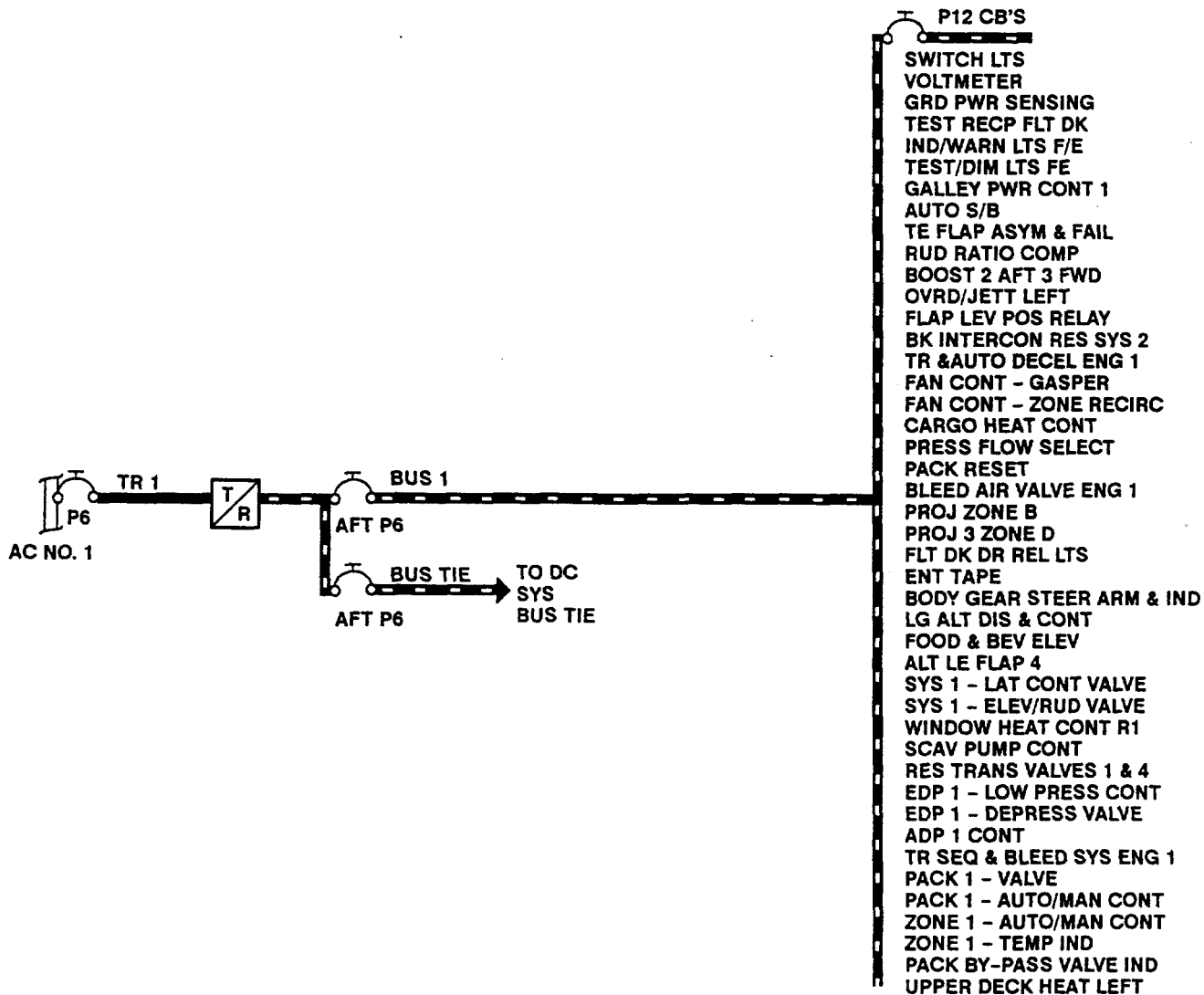
STANDBY POWER



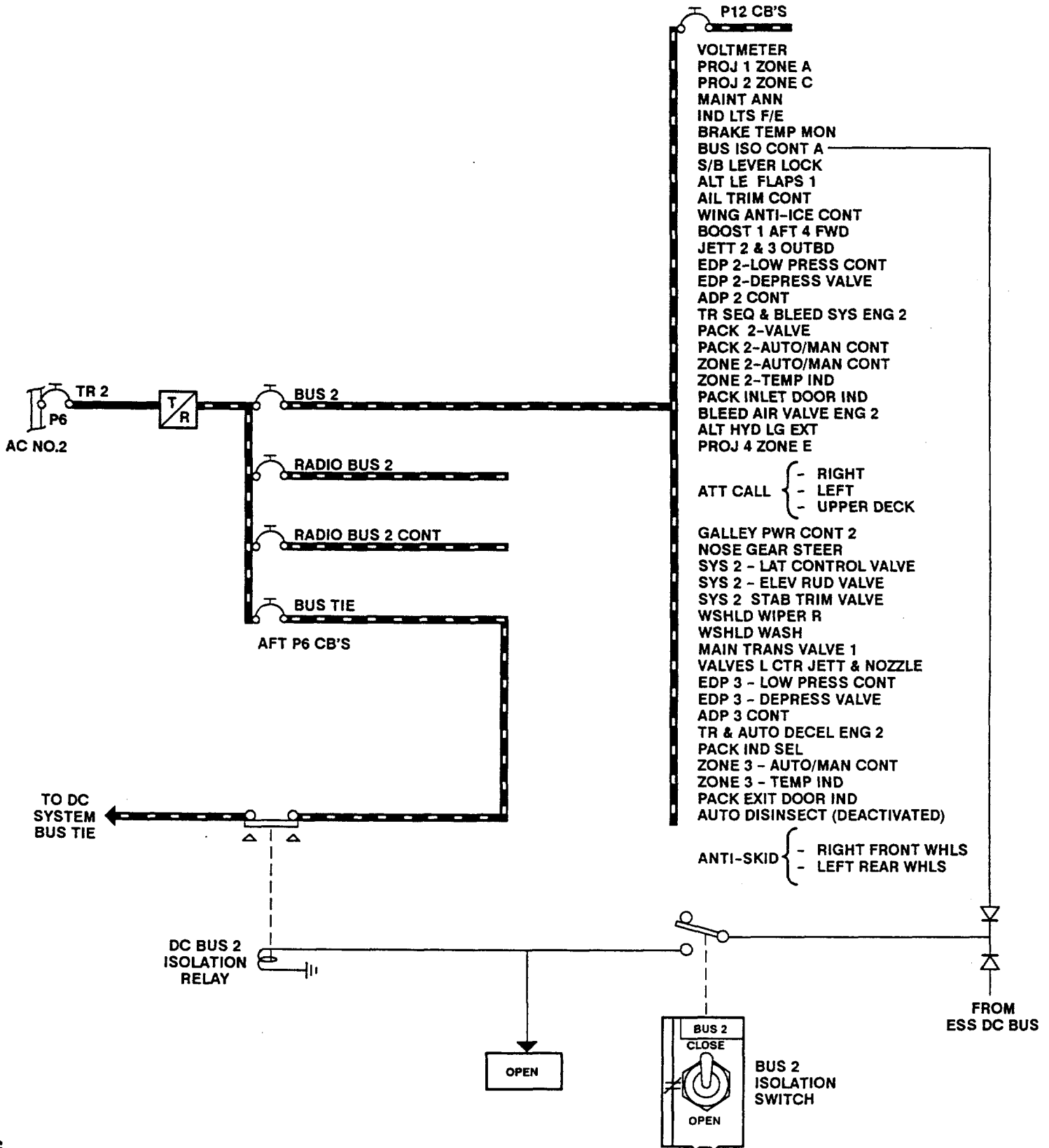
ESSENTIAL DC BUS



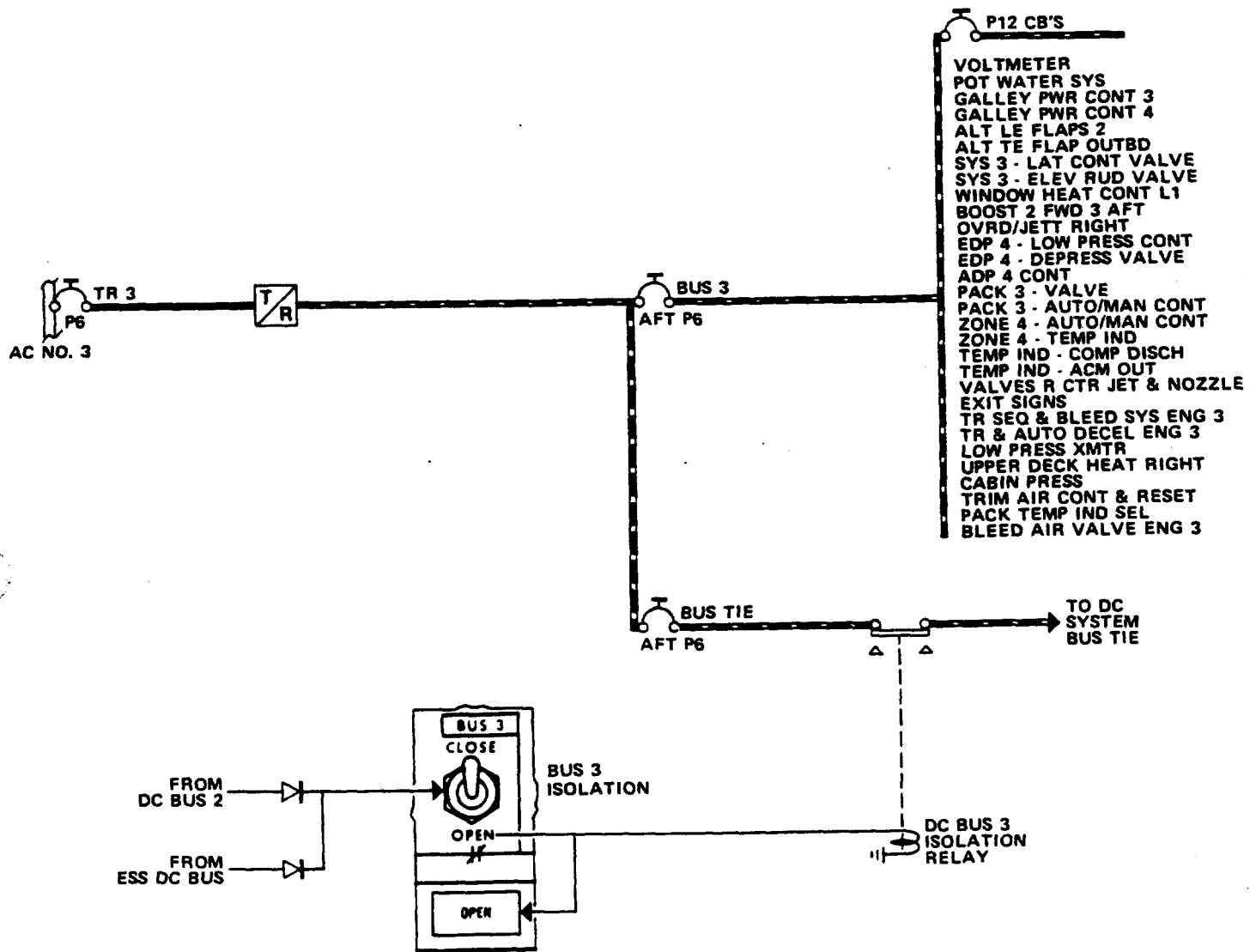
DC BUS 1



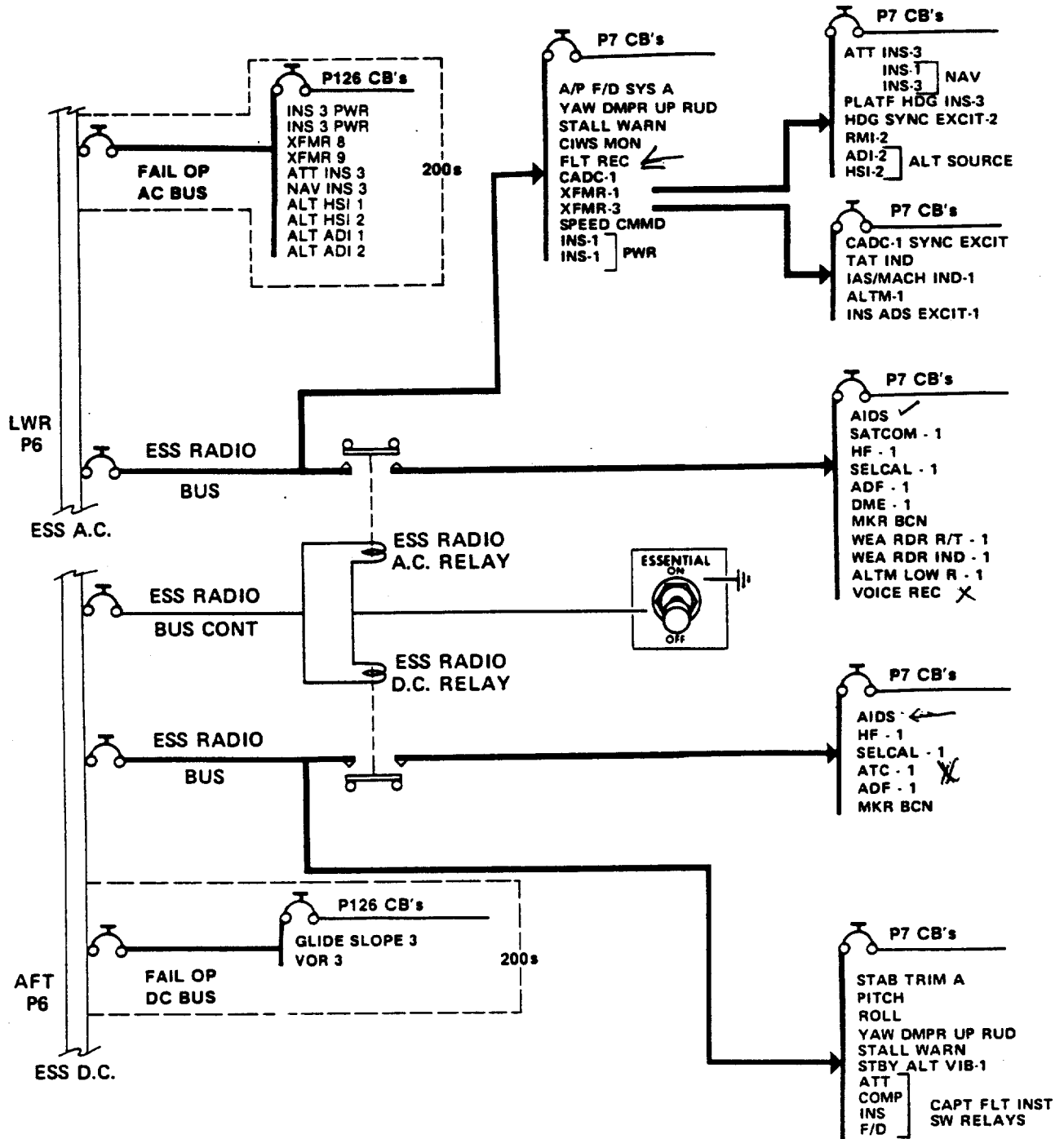
DC BUS 2



DC BUS 3



ESSENTIAL RADIO AND INSTRUMENT BUSES



NO. 2 RADIO AND INSTRUMENT BUSES

