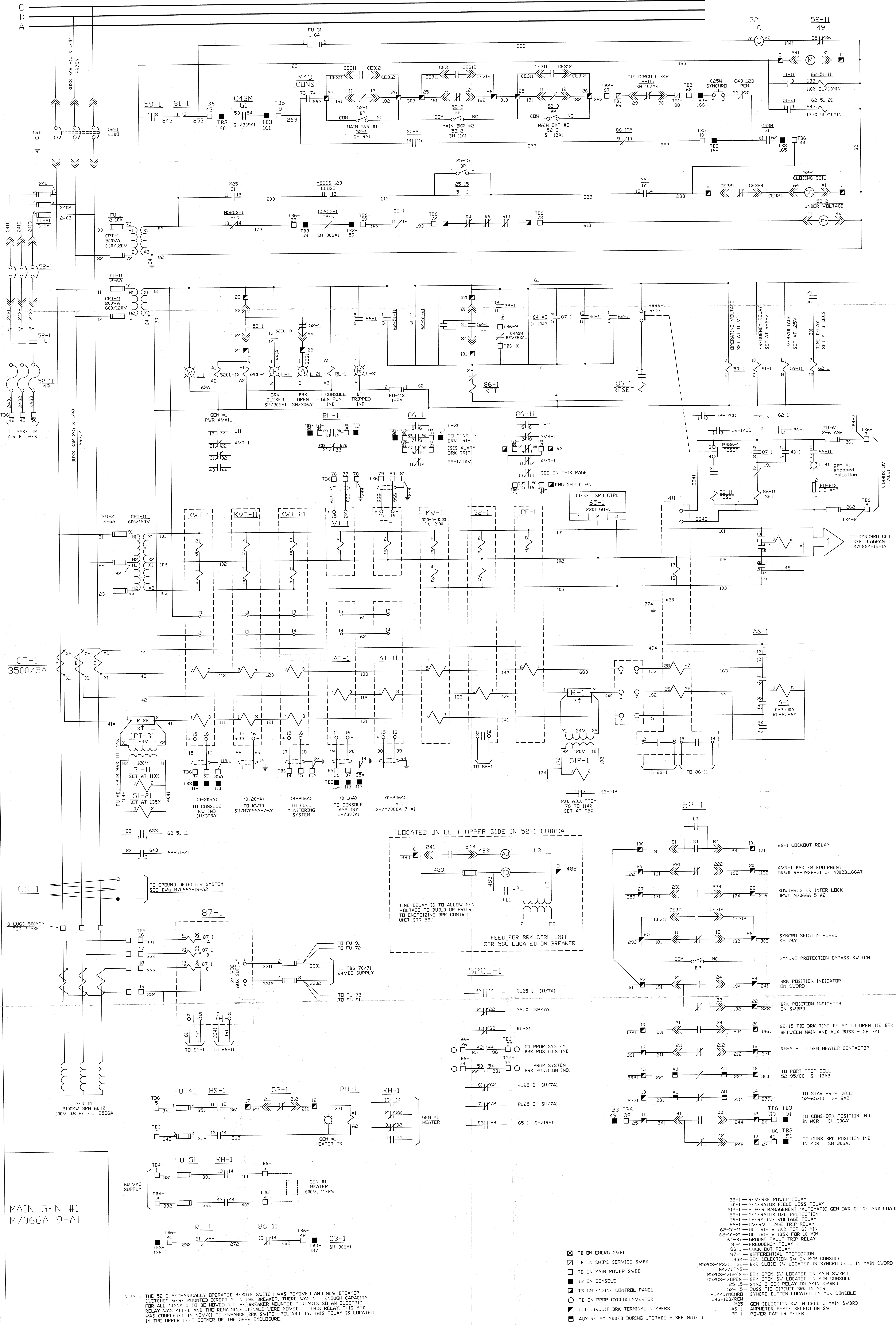


MAIN POWER BUSS



MAIN GEN #1
M7066A-9-A1

NOTE 1: THE 52-2 MECHANICALLY OPERATED REMOTE SWITCH WAS REMOVED AND NEW BREAKER SWITCHES WERE MOUNTED DIRECTLY ON THE BREAKER. THERE WAS NOT ENOUGH CAPACITY FOR ALL SIGNALS TO BE MOVED TO THE BREAKER MOUNTED CONTACTS SO AN ELECTRIC RELAY WAS ADDED AND THE REMAINING SIGNALS WERE MOVED TO THIS RELAY. THIS MOD WAS COMPLETED IN NOV/01 TO ENHANCE BRK SWITCH RELIABILITY. THIS RELAY IS LOCATED IN THE UPPER LEFT CORNER OF THE 52-2 ENCLOSURE.

- ☑ TB ON ENRG SWBD
- ☑ TB ON SHIPS SERVICE SWBD
- ☑ TB ON MAIN POWER SWBD
- ☑ TB ON CONSOLE
- ☑ TB ON ENGINE CONTROL PANEL
- ☑ TB ON PROP CYCLOCONVERTOR
- ☑ OLD CIRCUIT BRK TERMINAL NUMBERS
- ☑ AUX RELAY ADDED DURING UPGRADE - SEE NOTE 1:

- 32-1 - REVERSE POWER RELAY
- 40-1 - GENERATOR FIELD LOSS RELAY
- 51P-1 - POWER MANAGEMENT (AUTOMATIC GEN BRK CLOSE AND LOAD)
- 52-1 - GENERATOR D/L PROTECTION
- 52-11 - OPERATING VOLTAGE RELAY
- 62-1 - OVERVOLTAGE TRIP RELAY
- 62-11 - OL TRIP @ 110% FOR 60 MIN
- 62-12 - OL TRIP @ 115% FOR 10 MIN
- 64-07 - GROUND FAULT TRIP RELAY
- 81-1 - FREQUENCY RELAY
- 86-1 - LOCK OUT RELAY
- 87-1 - DIFFERENTIAL PROTECTION
- C43M - GEN SELECTION SW ON MCR CONSOLE
- M52CS-123/CLOSE - BRK CLOSE SW LOCATED IN SYNCRD CELL IN MAIN SWBD
- M43/CONDS -
- M52CS-1/OPEN - BRK OPEN SW LOCATED ON MAIN SWBD
- C52CS-1/OPEN - BRK OPEN SW LOCATED ON MCR CONSOLE
- 25-15 - SYNC CHECK RELAY ON MAIN SWBD
- 52-115 - BUSS TIE CIRCUIT BRK IN MCR
- C25M/SYNCRD - SYNCRD BUTTON LOCATED ON MCR CONSOLE
- M25 - GEN SELECTION SW IN CELL 5 MAIN SWBD
- AS-1 - AMPHETER PHASE SELECTION SW
- PF-1 - POWER FACTOR METER