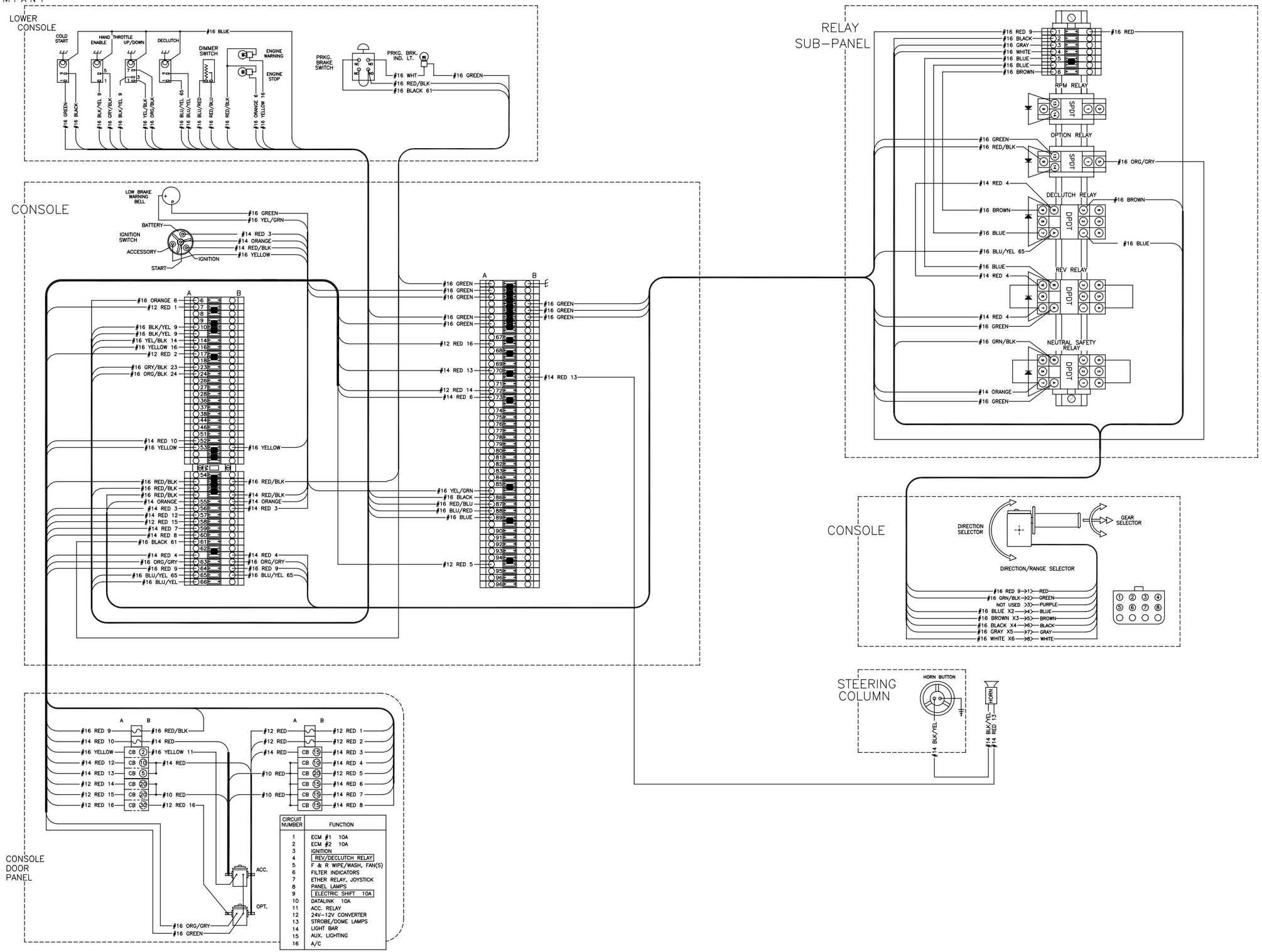

CIRCUIT NUMBER	FUNCTION
1	ECM #1 10A
2	ECM #2 10A
3	IGNITION
4	REV/DECLUTCH RELAY
5	F & R WIPE/WASH, FAN(S)
6	FILTER INDICATORS
7	ETHER RELAY, JOYSTICK
8	PANEL LAMPS
9	ELECTRIC SHIFT 10A
10	DATALINK 10A
11	ACC. RELAY
12	24V-12V CONVERTER
13	STROBE/DOME LAMPS
14	LIGHT BAR
15	AUX. LIGHTING
16	A/C

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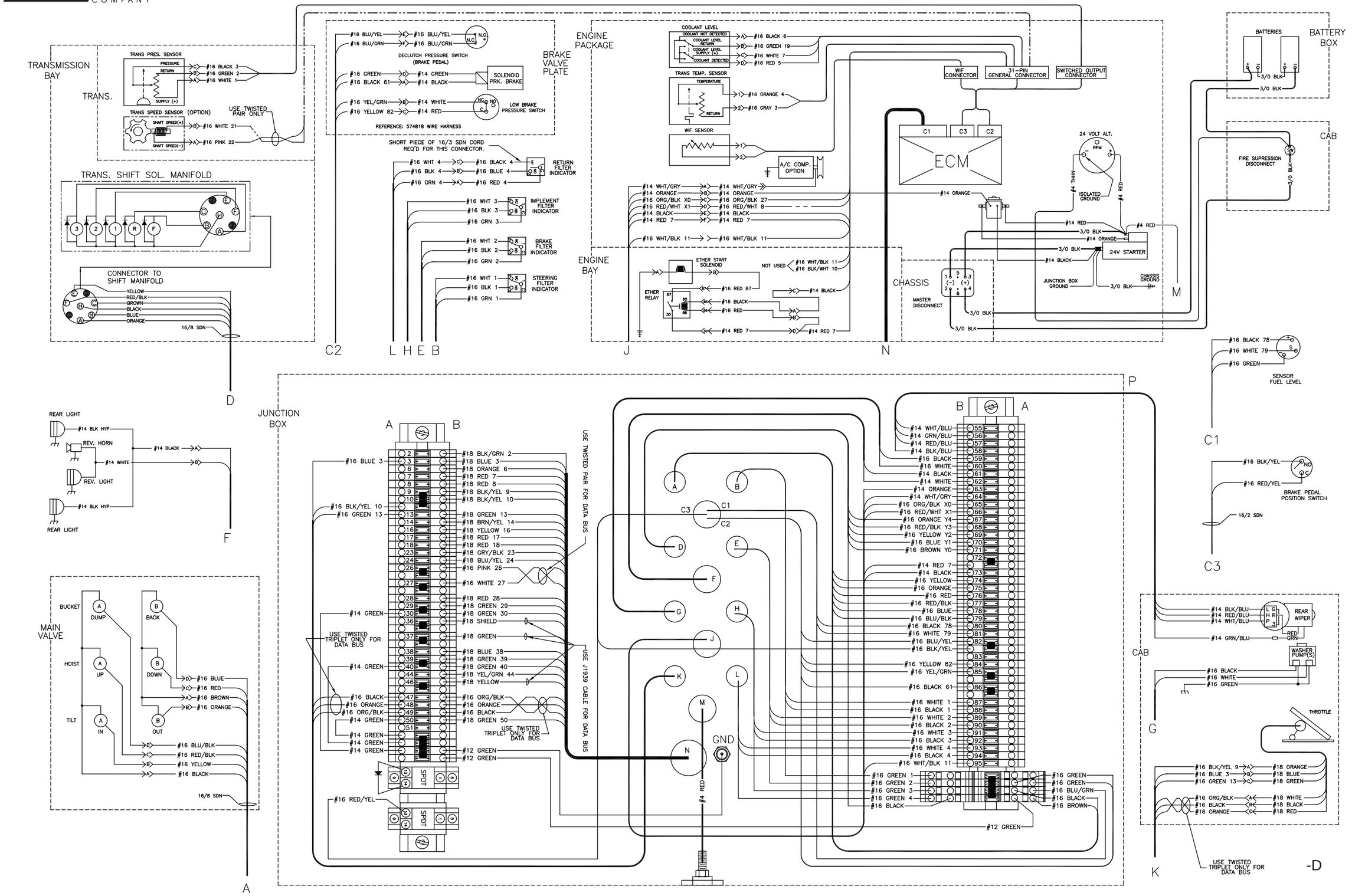
Electrical Schematic



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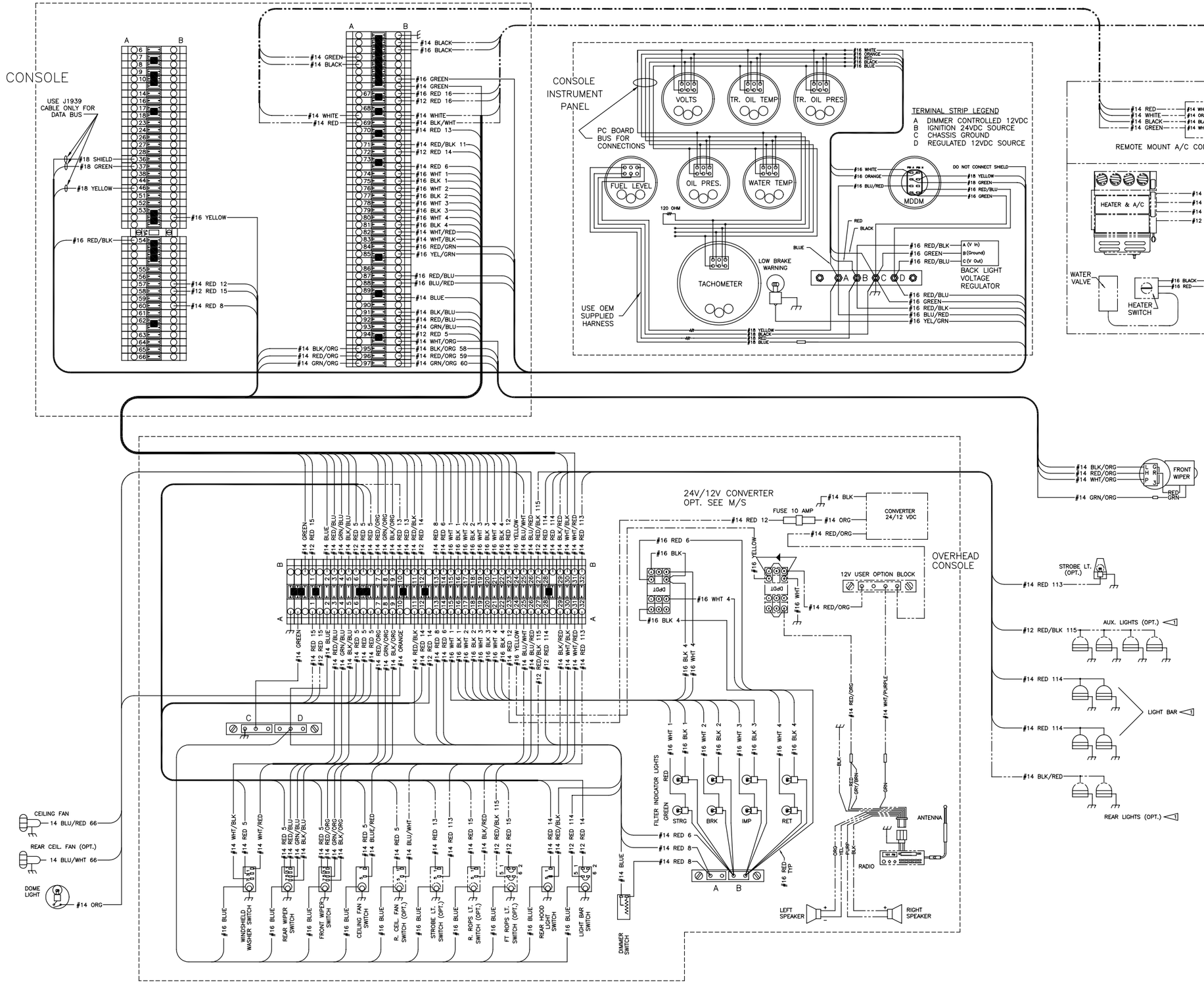
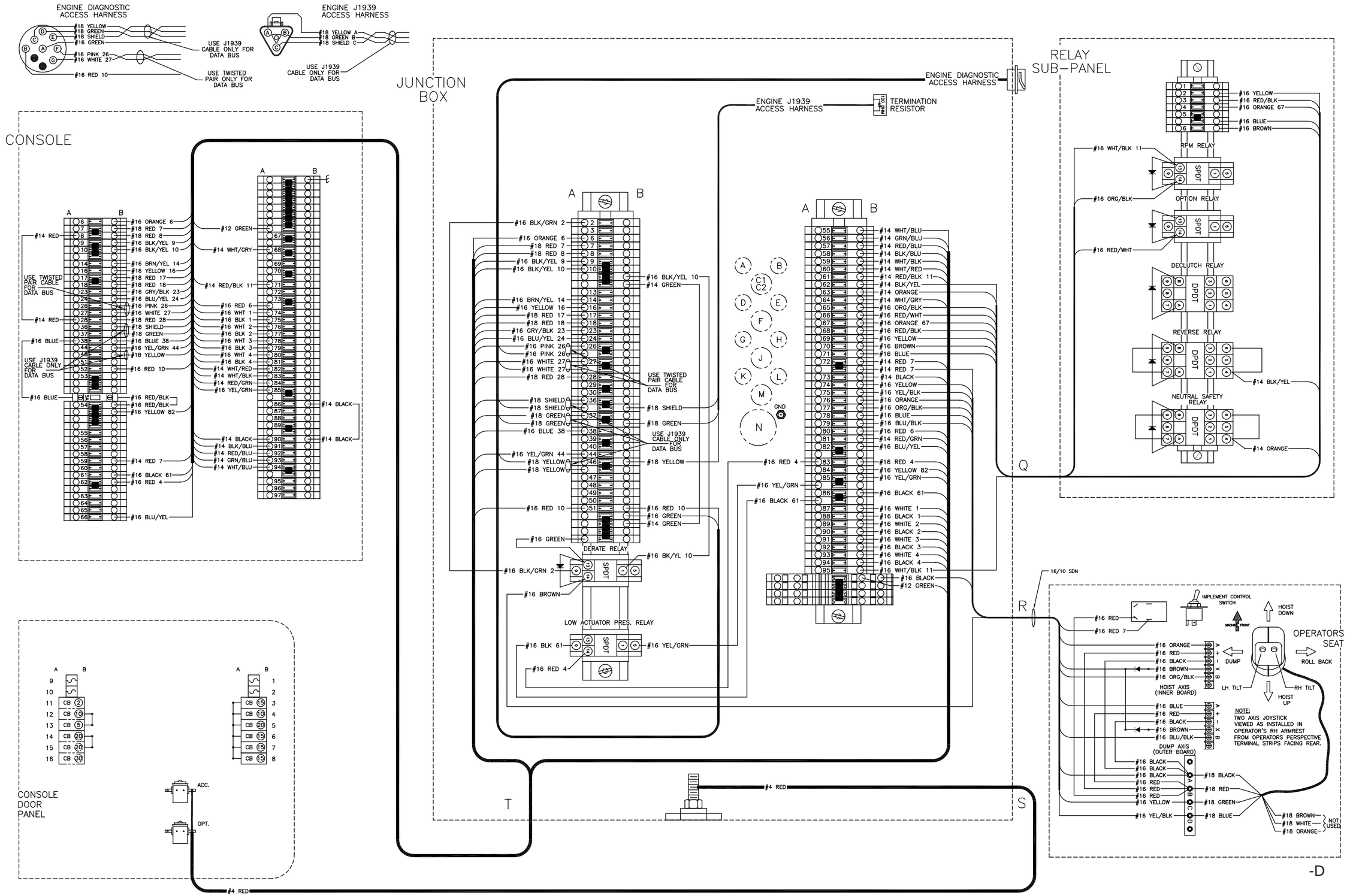

CONSOLE
USE J1939 CABLE ONLY FOR DATA BUS
CONSOLE INSTRUMENT PANEL
PC BOARD BUS FOR CONNECTIONS
VOLTS
TR. OIL TEMP
TR. OIL PRES
FUEL LEVEL
OIL PRES.
WATER TEMP
TACHOMETER
LOW BRAKE WARNING
USE OEM SUPPLIED HARNESS
TERMINAL STRIP LEGEND
A DIMMER CONTROLLED 12VDC
B IGNITION 24VDC SOURCE
C CHASSIS GROUND
D REGULATED 12VDC SOURCE
MDDM
DO NOT CONNECT SHIELD
BACK LIGHT VOLTAGE REGULATOR
REMOTE MOUNT A/C CONDENSER
HEATER & A/C
WATER VALVE
HEATER SWITCH
A/C OPTION
24V/12V CONVERTER OPT. SEE M/S
FUSE 10 AMP
CONVERTER 24/12 VDC
OVERHEAD CONSOLE
12V USER OPTION BLOCK
FRONT WIPER
STROBE LT. (OPT.)
AUX. LIGHTS (OPT.)
LIGHT BAR
REAR LIGHTS (OPT.)
CEILING FAN
REAR CEIL. FAN (OPT.)
DOME LIGHT
WINDSHIELD WASHER SWITCH
REAR WIPER SWITCH
FRONT WIPER SWITCH
CEILING FAN SWITCH
R. CEIL. FAN SWITCH (OPT.)
STROBE LT. SWITCH (OPT.)
R. ROPS LT. SWITCH (OPT.)
FT ROPS LT. SWITCH (OPT.)
REAR HOOD LIGHT SWITCH
LIGHT BAR SWITCH
DIMMER SWITCH
FILTER INDICATOR LIGHTS
STRG
BRK
IMP
RET
ANTENNA
RADIO
LEFT SPEAKER
RIGHT SPEAKER

Allied Systems COMPANY



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