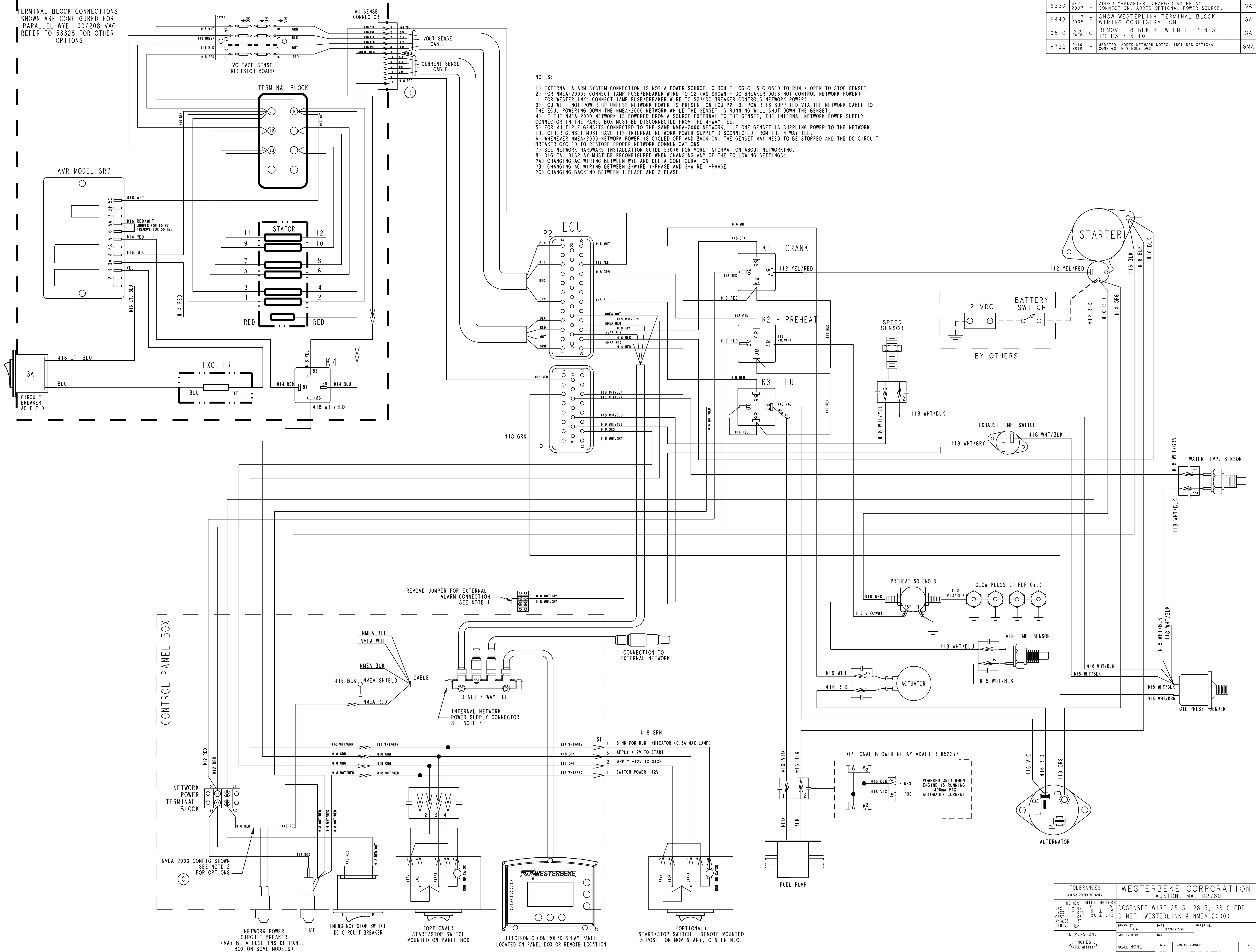


CONTROL BOX (AC)

ECO NO.	DATE	REV.	REVISION RECORD	AUTH.	DR. BY
6282	11-29-2006	A	RELEASED TO SYSTEM.		GA
6289	12-8-2006	B	ADDED 1 AMP FUSE, FIRE SUPPRESSION SYSTEM AND TERMINAL STRIPS TO THE WIRING DIAGRAM. ADDED OPTIONAL REMOTE S/S CONNECTION.		GA
6297	1-9-2006	C	P2-PIN 24 WAS CONNECTED TO K1-PIN 86.		GA
6309	2-1-2007	D	REROUTE K1-30 (16-RED) TO K1-86. REMOVE JUMPER WIRE (16-RED) BETWEEN K2-30 AND K3-30. REROUTE K3-86 (16-WHT/RED) TO K3-30. ADD JUMPER WIRE (16-RED) BETWEEN K3-30 AND K3-86. REROUTE K3-30 (12-RED) TO K2-30.		GA
6350	6-21-2007	E	ADDED Y-ADAPTER. CHANGED K4 RELAY CONNECTION. ADDED OPTIONAL POWER SOURCE.		GA
6443	1-17-2008	F	SHOW WESTERLINK TERMINAL BLOCK CONNECTION. ADDED OPTIONAL POWER SOURCE.		GA
6510	3-8-2008	G	REMOVE 18-BLK BETWEEN P1-PIN 3 TO P3-PIN 10.		GA
6722	9-16-2010	H	UPDATED. ADDED NETWORK NOTES. INCLUDED OPTIONAL CONFIGS IN SINGLE DWG.		GMA



- NOTES:
- EXTERNAL ALARM SYSTEM CONNECTION IS NOT A POWER SOURCE. CIRCUIT LOGIC IS CLOSED TO RUN / OPEN TO STOP GENSET.
 - FOR NMEA-2000: CONNECT LAMP FUSE/BREAKER WIRE TO C2 (AS SHOWN - DC BREAKER DOES NOT CONTROL NETWORK POWER) FOR WESTERLINK. CONNECT LAMP FUSE/BREAKER WIRE TO S2(DC BREAKER CONTROLS NETWORK POWER)
 - ECU WILL NOT POWER UP UNLESS NETWORK POWER IS PRESENT ON ECU P2-13. POWER IS SUPPLIED VIA THE NETWORK CABLE TO THE ECU. POWERING DOWN THE NMEA-2000 NETWORK WHILE THE GENSET IS RUNNING WILL SHUT DOWN THE GENSET.
 - IF THE NMEA-2000 NETWORK IS POWERED FROM A SOURCE EXTERNAL TO THE GENSET, THE INTERNAL NETWORK POWER SUPPLY CONNECTOR IN THE PANEL BOX MUST BE DISCONNECTED FROM THE 4-WAY TEE.
 - FOR MULTIPLE GENSETS CONNECTED TO THE SAME NMEA-2000 NETWORK, IF ONE GENSET IS SUPPLYING POWER TO THE NETWORK, THE OTHER GENSET MUST HAVE ITS INTERNAL NETWORK POWER SUPPLY DISCONNECTED FROM THE 4-WAY TEE.
 - WHENEVER NMEA-2000 NETWORK POWER IS CYCLED OFF AND BACK ON, THE GENSET MAY NEED TO BE STOPPED AND THE DC CIRCUIT BREAKER CYCLED TO RESTORE PROPER NETWORK COMMUNICATIONS.
 - SEE NETWORK HARDWARE INSTALLATION GUIDE 53076 FOR MORE INFORMATION ABOUT NETWORKING.
 - DIGITAL DISPLAY MUST BE RECONFIGURED WHEN CHANGING ANY OF THE FOLLOWING SETTINGS:
 - 7A) CHANGING AC WIRING BETWEEN WYE AND DELTA CONFIGURATION
 - 7B) CHANGING AC WIRING BETWEEN 2-WIRE 1-PHASE AND 3-WIRE 1-PHASE
 - 7C) CHANGING BACKEND BETWEEN 1-PHASE AND 3-PHASE.

TOLERANCES (UNLESS OTHERWISE NOTED)		WESTERBEKE CORPORATION TAUNTON, MA. 02780	
INCHES	MILLIMETERS	TITLE	DGGENSET WIRE 25.5, 28.5, 33.0 EDE
.XX ± .02	X ± 1.0	DRAWN BY	GA
.XXX ± .005	X ± .5	DATE	8/Nov/08
CAST ± .03	.XX ± .13	APPROVED BY	
ANGLES ± .5°		SCALE	NONE
FINISH		SIZE	DRAWING NUMBER
		SHT. 1 OF 1	E 52951
			REV. H