UPDATED: 7 April 2004

DAMAGE CONTROL EMERGENCY DIESEL GENERATOR
FOR USS _____
DATE:_____

REF: (A) DRAFT PMS 6641/029
(B) DRAFT NAVSEA TECH MAN ST460-AH-OMI-010
PRAMAC ES5500X 5.5KW GENERATOR SET
NOTE: CONTINUOUS RATING 4950 KW @ 41.3 AMPS
SURGE RATING 5500 KW @ 45.8 AMPS

	IAW	SAT/ UNSAT
SERIAL NUMBER		
A. INSPECT GENERATOR:	**R-1**	
1. Was the generator set clean and free of excess dirt and oil?	**R-1**	
2. Were there no bends, cracks, corrosion, or other defects in the engine frame that could compromise its strength?	**R-1**	
3. Were the shock mounts (three) present and not torn or otherwise damaged?	**R-1**	
4. Was the recoil starter housing undamaged and all of its mounting hardware tight?	**R-1**	
5. Was no indication of excessive wear on the starter rope or rope guide damaged?	**R-1**	
6. Was the engine speed lever undamaged and did it operate properly?	**R-1**	
7. Was the air cleaner cover undamaged?	**R-1**	
8. Were all hoses, gaskets and seals on the engine assembly free from any indication of fluid leakage?	**R-1**	
9. Were the engine castings, covers, and mounting/assembly hardware free from corrosion?	**R-1**	
10. Was the flywheel cover mounting hardware tight and the cover itself undamaged and free of corrosion?	**R-1**	
11. Did the engine display freedom of movement IAW PMS?	**R-1**	
12. Was there no indication of fuel leakage when the fuel valve was opened?	**R-1**	
13. Was the fuel tank free from cracks and leaks?	**R-1**	
14. Was there no indication of oil leakage?	**R-1**	
B. OPTEST GENERATOR:		
1. Is the generator properly grounded using 10 AWG wire and the grounding lug on the frame?	**TECH MAN SAFETY PREC**	
2. Is the fuel tank properly secured?	**TECH MAN SEC 2.8**	
3. Was the oil level checked prior to operation?	**TECH MAN**	
4. Did the engine start?	**TECH MAN**	
5. Was there indication that no engine kickback occurred and that the generator was running in the reverse direction? (i.e. exhaust gases emanating from the intake filter)	**TECH MAN**	
6. Did the engine continue running and provide power to the ship's portable electrical damage control equipment (i.e. lights, box fan, etc..)?	**TECH MAN**	

REMARKS:

ASSESSOR(S):_____ _____ DATE: _____