

DEPARTMENT OF HOMELAND SECURITY
U.S. Coast Guard
CUTTER ENGINEERING REPORT
(For Assets **Not** Enrolled in EAL and ACMS)
Instructions provided in CIM 9000.6, Ch. 090

Cutter	Reporting Period		
	From	To	
SECTION I – SAFETY ITEMS			
	Y	N	DATE
Is Tagout Program Actively Managed and Used? (COMDTINST 9077.1 and NEM 079)			
Are Protective Coverings (i.e. flange shielding) in Place? (NEM 077 and NSTM 505)			
Is Heat Stress Program Active? (COMDTINST M6260.17)			
Is Hearing Conservation Program Active? (COMDTINST M5100.47 – CH 4)			
Is Safety Devices Inspection Program Active? (NEM 090)			
Are Life Raft Inspections Current? (COMDTINST M10470.10 – CH 5 and NEM 583)			
Are Hydrostatic Release Inspections Current? (COMDTINST M10470.10 – CH 5 and NEM 583)			
Are Quarterly Air Quality Tests Being Completed on SCBA Compressors? (NSTM 077)			
Are Annual Air Flow Tests Current for SCBAs (NSTM 077)?			
Unit Additions:			
SECTION II – HULL			
	Y	N	DATE
Is Hull History File Up to Date? (NEM 090)			
Is Tank Inspection Program Active? (NEM 090)			
Is Void Inspection Program Active? (NEM 090)			
Have Annual Underwater Hull Inspections Been Completed? (NEM 630 and NSTM 081)			
Are Watertight Integrity Tests and Inspections Being Completed? (NEM 079)			
Unit Additions:			
SECTION III – MACHINERY/ELECTRICAL			
	Y	N	DATE
Is Machinery History Current? (NEM 090)			
Are All Weight Handling Gear Inspections Current? (NEM 573, 589, 591)			
Is Ordnance Weight Handling Gear Inspection Current? (NSTM 700)			
Are Tests and Inspections of Boat Hoisting Equipment Current? (NEM 583)			
Is Hose and Expansion Joint Log Being Maintained? (NEM 505)			
Is Gauge and Meter Calibration Program Active? (NSTM 491/504 and SFLCINST 9082.1)			
Are Pressure Vessel Hydrostatic Tests Current? (includes SCBA cylinders)			
Is Fuel Biocide Treatment Program Active? (NEM 541)			
Is Aviation Fuel Handling Program Active? (NEM 542 and COMDTINST M3710.2)			
Is Lube Oil Analysis Program Active? (NEM 262)			
Is Jacket Water Treatment and Testing Program Active? (NEM 233)			
Is Boiler Feedwater Treatment and Testing Program Active? (NEM 517)			
Is Evaporator Feedwater Program Active? (NEM 530 and NSTM 531)			
Satisfactorily Run Degaussing Range? (NEM 475)			
Have Full Power Trials Been Completed? Attach Results. (NEM 094)			
Unit Additions:			

SECTION IV – ADMINISTRATIVE PROGRAM				Y	N	DATE
Is CSMP File Maintained and Current? (NEM 090)						
Are TCTO Files Current? (NEM 041)						
Has NEPL Been Reviewed and Updated with Port Engineer? (SFLC PDM PG-85-00-500-S)						
Is Training Program Active? (COMDTINST M3502.4)						
Is DCPO Program Active? (NEM 079)						
Is Maintenance and Financial Program Active? (NEM 080)						
Is Machinery Space Fire Doctrine Current? (COMDTINST M9555.1)						
Are EO/EPO Standing Orders Current and Compliant with NEM? (NEM 090)						
Are DC Books, DC Diagrams, and CCOLs Current? (NEM 079)						
Is WQSB Maintained and Current? (NEM 090)						
Is Casualty Control Manual Current? (NEM 079)						
Is Repair Party Manual Current? (NEM 079 and COMDTINST 9664.1)						
Is Onboard Drawing File Current and Complete? (NEM 085)						
Is Onboard Technical Publication Library Current and Complete? (NEM 086)						
Are Boat Inspection Reports Completed as Required? Attach Results. (NEM 090)						
Was Annual Afloat Environmental Compliance Checklist Completed? Attach Copy. (COMDTINST M16455.1)						
Unit Additions:						
SECTION V – CUTTER ENGINEERING SUMMARY						
1. PMS Data: (see NEM Chapt 090 for computation instruction)						
% MPC Complete:	MP	AUX	DC	EM	ORD	
Backlog hours required to complete 100% MPC:	MP	AUX	DC	EM	ORD	
2. List up to five significant (high priority) problems faced by your command in naval engineering equipment that are beyond ships force capability to correct that require SFLC PL action/assistance.						
3. Give Commanding Officer's/Officer in Charge's overall assessment of the HM&E condition of the cutter.						

4. Projected date of next major overhaul (top end or center section) for generators and main engines. (Not necessary if CSMP has been submitted or if these items appear on the NEPL).

5. List Time Compliance Technical Orders not completed if not listed on NEPL.

6. List CSMPs Completed and Pending.

SECTION VI – REMARKS

SECTION VII – REMARKS

List the 5 most significant Naval Engineering or Ordnance Human Performance Issues (HPI) facing your command (NEM 090).

EO/EPO

Date

CO/OinC

Date