

# Top 10 Checklist Items Between 10/1/2007 and 10/1/2008

Fiscal year 07 was a challenging year for Sailors Afloat, from a safety perspective. Each of us must continue to impress upon our Sailors the importance of creating and maintaining a safe working environment. During our FY 2007 Safety Surveys (Afloat), we have noticed common problem areas; below is the Top Ten list of common discrepancies for Weapons, Combat Systems, Deck, NAVOSH, Safety ADMIN, Damage Control, Auxiliary, and Main PROP (Gas Turbine, Diesel, Steam). Every survey question and reference for a safety survey is listed on the Navy Safety Centers website [www.safetycenter.navy.mil](http://www.safetycenter.navy.mil). Your command is required to conduct a self assessment of safety programs yearly and we recommend using our checklists to complete this self assessment. This information is provided to allow training of the next generation Sailors to perform better and learn from the discrepancies of today.

## Weapons:

Check Line	Hit Rate Area	Question
B2C0	65.5% SPRINKLER SYSTEMS, EQUIPMENT	ARE THE VARIOUS PRESSURE GAGES IN THE SPRINKLER SYSTEM PROPERLY MOUNTED AND CALIBRATED? IS FIRE MAIN PRESSURE ADEQUATE FOR TYPE SYSTEM INSTALLED?  REF: NAVSEA S9522-AA-HBK-010 APPENDIX III-6 PARA 3-3.1, 3-5.4 NSTM, CHAPTER 504 NAVSHIPS DWG 138580
C1U0	64.7% EQUIPMENT AND MAINTENANCE	HAVE ALL OF THE ATFP 1620G TACTICAL VESTS BEEN SERIALIZED AND DOCUMENTATION ON HAND, FOR THE ANNUAL FLOAT TEST?
B2A0	63.6% SPRINKLER SYSTEMS, EQUIPMENT	IS ANY LEAKAGE EVIDENT FROM SYSTEM COMPONENTS OR JOINTS?  REF: NAVSEA S9522-AA-HBK-010 PARA 5-3.1 Thru 5-3.4 NAVSEA OP-4 PARA 3-12.12.2
C1L8	62.5% EQUIPMENT AND MAINTENANCE	HAVE MHE OPERATORS ATTENDED REFRESHER TRAINING AS NECESSARY?  REF: NAVSEA OP 4, SEVENTH REVISION, PARAGRAPH 3-9.4 NAVSEA SW023-AH-WHM-010, FOURTH REVISION, PARAGRAPH 3-3.3 A THRU F
C1M2	60.6% EQUIPMENT AND MAINTENANCE	DOES THE MHE OPERATOR'S LICENSE CONTAIN ALL PERTINENT INFORMATION (I.E.; EXPLOSIVE OPERATOR, MEDICAL EXAM)?  REF: NAVSEA OP 4, SEVENTH REVISION, PARAGRAPH 3-9.4 NAVSEA SW023-AH-WHM-010, FOURTH REVISION, PARAGRAPHS 3-4.1 A, B, C
C1S0	59.5% EQUIPMENT AND MAINTENANCE	HAVE TWO ADDITIONAL BOUYANCY PADS BEEN INSTALLED IN THE ATFP 1620G TACTICAL VESTS? (FOR A TOTAL OF EIGHT PADS)
C1L2	58.1% EQUIPMENT AND MAINTENANCE	HAS THE MHE INSTRUCTOR COMPLETED AN APPROVED INSTRUCTOR COURSE?  REF: NAVSEA SW023-AH-WHM-010, FOURTH REVISION, PARAGRAPH 3-5A
C1K4	57.4% EQUIPMENT AND MAINTENANCE	ARE DAILY AMMUNITION INSPECTIONS CONDUCTED AND A LOG MAINTAINED?

A2B0

57.1% DECK COVERING

REF: NAVSEA OP-4 PARA 3-12.12

IS THERE AN OUTLINE FOR PORTABLE RUBBER  
MATTING, AND IS MATTING AVAILABLE AT THE  
MOUNT.

REF: NAVSEA S9AA0-AB-GOS-010/GSO CH 634-30

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A4H0

56.4% SIGNS/INSTRUCTIONS

ARE HERO WARNING LABELS AFFIXED TO ALL  
PORTABLE RADIOS?

REF: OP3565 Ch 1-5.3.1 thru 1-5.3.3 Figs 1-3, 1-4  
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# Top 10 Checklist Items Between 10/1/2007 and 10/1/2008

## Combat Systems

Check Line	Hit Rate	Area	Question
A1D1	78.0%	PROCEDURES AND TRAINING	ARE SUPERVISORY PERSONNEL FAMILIAR WITH CURRENT DIRECTIVES OR FALL PROTECTION EQUIPMENT AND PROCEDURES? ARE ALL HARNESSSES, SAFETY LANYARDS AND WORKING LANYARDS AUTHORIZED FOR SHIPBOARD USE? REF: 011211Z NOV 06 UNAUTHORIZED NAVAL SAFETY HARNESSSES
A1C0	76.0%	PROCEDURES AND TRAINING	DO TAG-OUT PROCEDURES COMPLY WITH CURRENT DIRECTIVES? REF: TAG-OUT USERS MANUAL (TUMS) OPNAVINST 3120.32C PARA 630.17 CNSL/CNSPINST 3540.18B/13A
A3F0	70.4%	GENERAL SAFETY CHECKS	(A) ARE CLIMBER SAFETY RAILS INSTALLED PROPERLY? (B) DOES THE MATERIAL CONDITION REFLECT PROPER PMS? REF: GSO 622 (C) NAVSHIPS DWG 804-4563125 REV C 81 MIP 6231/002
A3O0	67.3%	GENERAL SAFETY CHECKS	ARE ALL HAZARDOUS MATERIALS PROPERLY LABELED TO INCLUDE: (A) MATERIAL NAME AND MANUFACTURER NAME. ARE ALL MSDS'S READILY AVAILABLE AND PERSONNEL FAMILIAR IMMEDIATE HAZARDS OF MATERIAL?
B4H0	66.7%	EQUIPMENT COOLING SYSTEMS	ARE ALL VALVEWHEELS PROPERLY COLOR-CODED? REF: NSTM-505-7.8.2.2
A3G0	65.5%	GENERAL SAFETY CHECKS	ARE THE PARACHUTE TYPE SAFETY HARNESS', WORKING LANYARDS, SAFETY LANYARDS AND CLIMBER SAFETY SLEEVES IN SATISFACTORY MATERIAL CONDITION? (B) IS PMS PROPERLY PERFORMED PRIOR TO EACH USE?
A1D0	60.0%	PROCEDURES AND TRAINING	DOES THE WORKING ALOFT PROCEDURE MEET MINIMUM STANDARD CRITERIA? DOES THE SHIP HAVE THEIR OWN SAFETY CHECK SHEET AS PER OPNAVINST 5100.19 SERIES REF: OPNAVINST 5100.19E, CHAPTER C8

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A3X0	54.5% GENERAL SAFETY CHECKS	(A) ARE 15 LB CO2 PORTABLE FIRE EXTINGUISHERS MOUNTED IN SPACES CONTAINING ELECTRONICS EQUIPMENT INCLUDING PILOT HOUSE, COMM CTR, AND CIC? (B) ARE FIRE EXTINGUISHERS FULLY CHARGED, PROPERLY MAINTAINED, AND ACCESSIBLE? REF: MIP 6641/004 GSO 555
A2A0	52.7% SIGNS AND PLACARDS	ARE THE FOLLOWING SIGNS, PLACARDS, AND INSTRUCTIONS POSTED IN ALL SPACES CONTAINING ELECTRONIC EQUIPMENT? (A) ELECTRICAL AND ELECTRONIC SAFETY PRECAUTIONS AND EQUIPMENT OPERATING INSTRUCTIONS (REF 1). (B) CPR RESUSCITATION PROCEDURES (C) DANAGER HI VOLTAGE SIGN POSTED CONSPICUOUSLY WITHIN EACH ENTRANCE. REF: GSO 070H NSTM 300-2.9.4 NSTM 400-3.2.2
A3V0	51.9% GENERAL SAFETY	ARE TOPSIDE LIFERAIL ACCESSES FITTED WITH CHECKS 5/8 INCH POLYESTER OR DOUBLE-BRAIDED NYLON LINE (EXCEPT IN HEAT OR BLAST AREAS WHERE CRES WIRE ROPE SHALL BE USED) AND WITH 5/16 INCH ANCHOR SHACKLES ON ONE END AND 4 INCH STEEL HOOK ON THE OTHER END. REF: GSO 312D

# Top 10 Checklist Items Between 10/1/2007 and 10/1/2008

## Deck

Check Line	Hit Rate Area	Question
B4B0	100.0% SAFETY SIGNS/PLACARDS	ARE CARGO HATCH SAFETY PLACARDS POSTED EACH HATCH, EACH DECK LEVEL, AS APPROPRIATE? REF: OPNAVINST 5100.19E ART C0202.L
B4F0	100.0% SAFETY SIGNS/PLACARDS	ARE NO SMOKING SIGNS POSTED IN PROPER AREAS? 3 REF: OPNAVINST 5100.19E CHAPTER C1
B4H0	100.0% SAFETY SIGNS/PLACARDS	ARE WORK ALOFT PLACARDS POSTED AT FOOT OF EACH VERTICAL LADDER ON MASTS, KINGPOSTS ETC? REF: OPNAVINST 5100.19E CHAPTER C1
A5A0	100.0% TOWING BILL	DOES THE TOWING BILL CONTAIN PROVISIONS FOR PERSONNEL TO WEAR INHERENTLY BUOYANT LIFE JACKETS AND SAFETY HELMETS? REF: OPNAVINST 5100.19E ART C0601.A, C0102.AC
B1C0	96.3% LIFE PRESERVERS	DOES RANDOM CHECK OF LIFE PRESERVERS REVEAL UNSATISFACTORY CONDITION? REF: MIP 5832
K4A0	87.3% LIFE JACKETS (MK-1)	IS PMS AND MATERIAL CONDITION SATISFACTORY (NO TWISTS IN BLADDER, ORAL INFLATION VALVE LOCKED CLOSED)? REF: MIP 5832
L1N0	87.0% ACCOMMODATION LADDER AND BROW	IS PILOT LADDER INSTALLED CORRECTLY? ARE RAILINGS AND SUPPORT STRUCTURES IN SATISFACTORY CONDITION?
L5G0	85.5% ACCESS, HATCH GUARD, HATCH, OTHER	ARE ACCESS OPENING ASSEMBLIES REQUIRING EASY ATTACHMENT/ OPENINGS DETACHMENT FITTED WITH A 5/16 INCH SCREW PIN SHACKLE AT ONE END SNAP HOOK AT THE OTHER END (TOPS OF VERTICAL LADDERS, HATCHES, ETC)?
L3F0	83.3% LIFELINES	ARE HEAVY WEATHER LINES 9/16" DIA PHOSPHOR BRONZE 5/8" DIA 1PS-1WRC (AS APPLICABLE) REF: GSO 612B NAVSEADWG 805-2636908/2636909
A6A0	83.0% WORKING OVER THE SIDE / ALOFT	ARE POSITIVE MEASURES IN EFFECT TO CONTROL PERSONNEL WORKING OVER THE SIDE; IE, CHECK OFF LIST SIGNED BY OOD? REF: OPNAVINST 5100.19E CHAPTER 8

# Top 10 Checklist Items Between 10/1/2007 and 10/1/2008

## NAVOSH

Check Line	Hit Rate Area	Question
E4G0	87.5% RESPIRATORY	ARE RESPIRATORS STORED FLAT IN A CLEAN, DRY UNCONTAMINATED AREA WITHOUT CROWDING? REF: OPNAVINST 5100.19E ARTICLE B0609B (8)
G1D0	80.0% LEAD PROGRAM	ARE ALL PERSONNEL PROVIDED LEAD HAZARD TRAINING PRIOR TO EXPOSURE, AND ANNUALLY THEREAFTER? (DOCUMENTATION AVAILABLE). REF: OPNAVINST 5100.19E ARTICLE B1010A.
J2D0	75.0% HAZMAT PROGRAM	ARE IN-USE 7-DAY LOCKERS PROPERLY MAINTAINED? (NAVSEA APPROVED MODEL DOOR IS SELF-CLOSING/LOCKABLE AND CAN PROPELY SEAL, NO QUANTITIES IN EXCESS OF 7-DAYS, CABINET MARKED "FLAMMABLE"/"FLAMMABLE/COMBUSTIBLE LIQUIDS", CURRENT INVENTORY POSTED ON THE DO
E4F0	69.4% RESPIRATORY	ARE RESPIRATORS PLACED IN A CLEAN PLASTIC BAG (OR OTHER CONTAINER) AND SEALED? REF: OPNAVINST 5100.19E ARTICLE B0609B (7)
E4E0	68.8% RESPIRATORY	ARE PROPER PROCEDURES FOR CLEANING AND SANITIZING RESPIRATORS BEING FOLLOWED? REF: OPNAVINST 5100.19E ARTICLES B0602B (7) & B0609
D6F0	68.5% SIGHT CONSERVATION	ARE SUPPLY VALVES ON PLUMBED EYEWASH/SHOWER STATIONS PROPERLY LOCKED OPEN AND LABELED AS ("W") FITTINGS? REF: OPNAVINST 5100.19E ARTICLE B0508A.
J2A0	67.3% HAZMAT PROGRAM	ARE FLAMMABLE/HAZARDOUS STOREROOM PROPERLY MARKED WITH REQUIRED PLACARDS? (CAUTION PLACARD SIGN STATING "HAZARDOUS MATERIAL STORAGE AREA". SIGNS ARE AVAILABLE UNDER NSN 9905-01-342-4851 (10" X 7") OR 9905-01-342-4859(3" X 5"). FLAMMABLE MATERIAL STORAGE L
H2E0	64.2% PERSONAL PROTECTIVE DEVICES (PPE)	WHEN WORKING WITH ACIDS, CORROSIVES, SOLVENTS AND OTHER INDUSTRIAL CHEMICALS, ARE PERSONNEL PROVIDED WITH GLOVES SUITABLE FOR HANDLING THE MATERIAL? REF: OPNAVINST 5100.19E ARTICLE B1203C NSTM 670-1.8.
J1N1	63.0% HAZMAT PROGRAM	ARE ALL HM CONTAINERS, INCLUDING SECONDARY CONTAINERS, PROPERLY LABELLED? REF: OPNAVINST 5100.19E ARTICLE C2302E NSTM 670-1.3
E1L0	62.3% RESPIRATORY	DO PERSONNEL ISSUING RESPIRATORS DO SO ONLY TO PERSONNEL WHO ARE TRAINED, MEDICALLY QUALIFIED AND SUCCESSFULLY FIT-TESTED FOR THE REQUESTED RESPIRATOR? REF: OPNAVINST 5100.19E ARTICLE B0602E

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## Safety Admin

Check Line	Hit Rate Area	Question
A3D0	69.2% HAZARD CONTROL AND DEFICIENCY ABATEMENT	ARE INTERIM CONTROLS IN EFFECT FOR MORE THAN 60 DAYS APPROVED BY THE SAFETY OFFICER? REF: OPNAVINST 5100.19E ART A0405A
A6C0	63.6% TRAINING	HAVE 50% PETTY OFFICERS ASSIGNED AS DIVISION SAFETY PETTY OFFICERS ATTENDED THE SAFETY PROGRAMS AFLOAT COURSE (A-493-2099)? REF: OPNAVINST 5100.19E ART A0503B
A2F0	62.7% INSPECTIONS AND SURVEYS	ARE APPEALS REGARDING THE REPORTED CONDITIONS REFERRED TO THE COMMANDING OFFICER AND IS A RESPONSE PROVIDED WITHIN 10 WORKING DAYS? REF: OPNAVINST 5100.19E ART A0307F/G
A6E1	60.0% TRAINING	HAVE AT LEAST TWO SAFETY BRIEFS BEEN GIVEN TO EACH DIVISION AT QUARTERS OR MUSTER EACH MONTH AND IS IT DOCUMENTED? REF: OPNAVINST 5100.19E ART 0503.D
B6B0	60.0% OPERATIONAL RISK MANAGEMENT	DOES THE COMMAND HAVE AT LEAST ONE OFFICER AND ONE SENIOR ENLISTED QUALIFIED ORM INSTRUCTOR. DO THE COMMAND ORM INSTRUCTORS HOLD SIGNIFICANT LEADERSHIP AND SUPERVISORY POSITIONS WITHIN MAJOR DEPARTMENTS? REF: OPNAVINST 3500.39B PARA 7.h. (3) (a)
A2E0	59.6% INSPECTIONS AND SURVEYS	WHEN REPORTS ARE SUBMITTED BY CREW MEMBERS, ARE CONDITIONS INVESTIGATED AND ARE RESPONSES PROVIDED PROMPTLY (10 DAYS)? REF: OPNAVINST 5100.19E ART A0307E
A1P0	58.2% PROGRAM RESPONSIBILITY	HAS THE SAFETY COUNCIL BEEN MEETING QUARTERLY AND ARE MINUTES MAINTAINED? REF: OPNAVINST 5100.19E ART A0203H
A1O0	56.4% PROGRAM RESPONSIBILITY	DO DIVISION SAFETY PETTY OFFICERS INSPECT DIVISION SPACES AND SUBMIT SAFETY HAZARD REPORTS ON IDENTIFIED DEFICIENCIES? REF: OPNAVINST 5100.19E ART A0203G OPNAVINST 3120.32C ART 703.3A
A6E0	56.4% TRAINING	HAVE ALL PERSONNEL RECEIVED NAVOSH PROGRAM TRAINING UPON REPORTING ABOARD AND DOES IT INCLUDE AT A MINIMUM THE SIX AREAS OF OPNAVINST 5100. 19D ART A503C? REF: OPNAVINST 5100.19E ART A0503C

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A6D0	49.1% TRAINING	HAVE DIVISION SAFETY PETTY OFFICERS COMPLETED THE DIVISION SAFETY PETTY OFFICER, WATCH STATION 301 OF THE SAFETY PROGRAMS AFLOAT WITHIN SIX MONTHS OF BEING ASSIGNED THESE DUTIES AND HAVE AT LEAST ONE YEAR REMAINING BEFORE PCD REF: OPNAVINST 5100.19E ART
A1U0	49.1% PROGRAM RESPONSIBILITY	HAVE ALL DIVISIONS AND THE CMAA BEEN CONSISTENTLY PARTICIPATING IN THE ENLISTED SAFETY COMMITTEE? REF: OPNAVINST 5100.19E ART A0203I

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## Damage Control

Check Line	Hit Rate Area	Question
E1G0	78.8% GENERAL SAFETY	ARE EXPLOSION PROOF LIGHTING GLOBES TIGHT? REF: DOD-HDBK-289
E2S1	70.4% DAMAGE CONTROL PETTY OFFICER	ARE WATER TIGHT CLOSURES BEING MAINTAINED IN ACCORDANCE WITH PMS? REF: PMS MIP 1671/001, 1671/008 NSTM 600
D4A0	69.2% COMPRESSED GAS CYLINDERS	ARE CORRECT STOWAGE RACKS PROVIDED? REF: NSTM 550-2.11 OPNAVINST 5100.19E SECTION C2311 GSO 671C
E1H0	69.2% GENERAL SAFETY	ARE LEAD WIRE SEALS INSTALLED ON EXPLOSION PROOF LIGHTING GLOBES? REF: DOD-HDBK-289 PMS 3301/008-21 18M-1R (1.E.5)
H1M2	66.7% CHT (GENERAL)	IS A H2S DETECTOR SYSTEM LOG BOOK KEPT WITH DATES THAT NEW SENSORS WERE INSTALLED? REF: PMS MIP 4361/015 36M-1 STEP 1.e(1).
E1O0	61.5% GENERAL SAFETY	ARE AIRFLOW ALARMS PROPERLY SET AT 50% OF NORMAL AIR FLOW AND MONITORED LOCALLY AND REMOTELY? REF: GSO 437 D MIP 4361/002 NAVSEA DWG 815-1853145
F2J0	58.5% GALLEY FIRE PROTECTION	ARE GAYLORD HOODS CLEANED DAILY? REF: PMS 5121/004-90 R-1D
B1R1	51.9% AFFF STATIONS (GENERAL)	DO THE SELONOID OPERATED PILOT VALVES (SOPV'S) LEAK? ARE COVERS INSTALLED CORRECTLY? ARE THE SOPV BASE PLATE ELECTRICAL CONNECTIONS INTACT? REF: SOPV TECH MANUAL S6436-B1-MM0-010, PMS MIP 5551/029 R-18
E1J0	49.1% GENERAL SAFETY	ARE PHOTOLUMINESCENT MARKING IN THE PROPER LOCATIONS AND IN GOOD REPAIR? REF: NSTM 079 VOL 2 SECTION 21
D3H0	48.0% GENERAL WORKSHOP	ARE WORK SHOP DECK AREAS MARKED WITH 3 INCH YELLOW AND BLACK STRIPPED LINES TO MARK CAUTION AREAS. REF: 5100.19E B0504-B GEN SPEC 665C

# Top 10 Checklist Items Between 10/1/2007 and 10/1/2008

## Electrical

Check Line	Hit Rate Area	Question
K1J0	83.3% GALLEY	ARE THE GREASE INTERCEPTOR HOOD EXHAUST DAMPER THERMOSTATIC SWITCHES TESTED IAW PMS? REF: PMS MIP 5121
B1A0	81.8% SWITCHBOARD SAFETY	ARE OPERATING INSTRUCTIONS AND SAFETY PRECAUTIONS POSTED IN THE VICINITY OF THE SWITCHBOARD? REF: GSO 602H
J1C0	69.1% ELECTRICAL TOOLS	IS PORTABLE AND MOBILE ELECTRIC EQUIPMENT BEING SAFETY CHECKED IAW CURRENT DIRECTIVE INCLUDING BERTHING FLATIRONS? REF: PMS MIP 3000 (Q-1, Q-2, R-5, R-6) GSO 640G OPNAVINST 5100.19E (B0702E, 2,3)
G1H0	67.6% BATTERIES	ARE THERE 2 BATTERY WATER CONTAINERS AND ONE SODA WATER CONTAINER PROVIDED IN BATTERY ROOM AND CHARGING SHOP? CONTAINERS SHALL BE 5-GAL POLYETHYLENE BOTTLES NSN 8125-00-888-7069. REF: GSO 313F NSTM 313-2.5.5.6
B1L0	64.8% SWITCHBOARD SAFETY	IS RUBBER MATTING OF THE PROPER MATERIAL AND CORRECTLY INSTALLED AROUND SWITCHBOARDS IAW REFERENCES? REF: NSTM 634-3.12.2 GSO 634C NSTM 320-2.2.6.2 NSTM 300-4.8.1.1
G1C0	64.7% BATTERIES	ARE OPERATING INSTRUCTIONS AND SAFETY PRECAUTIONS POSTED? SAFETY PRECAUTIONS ELECTRICAL-0118-LF-019-6100 SAFETY PREECAUTIONS STORAGE BATTERIES-0118-LF-114-3900 NO SMOKING BATTERY ON CHARGE 0118-LF-019-61 REF: GSO 602H NSTM 090 NSTM 313-2.10 OPN
A7A2	58.2% TAG-OUT PROGRAM	IS TAG-OUT LOG IN ACCORDANCE WITH TUM AND ARE PROCEDURES CORRECTLY FOLLOWED? REF: TAG-OUT USER'S MANUAL (TUM) OPNAVINST 3120.32C CH-4, 630.17
J1F0	57.4% ELECTRICAL TOOLS	IS THERE AN ELECTRICAL REPAIR KIT IN THE REPAIR LOCKER (S) OR DAMAGE CONTROL UNIT (DCUL), DAMAGE CONTROL UNIT PATROL STATION (DCUPS), AND RESCUE AND ASSISTANCE RE-ENTRY LOCKER (REL)? REF: AEL 2-880044243 AEL 2-880044244

## Top 10 Checklist Items Between 10/1/2007 and 10/1/2008

I1A0	56.5% WORKBENCHES	ARE ALL ELECTRICAL WORKBENCHES INSULATED AND GROUNDED? REF: PMS MIP 6652/006 NSTM 300 APPENDIX H GSO 665F, 400C, 07OH
G110	50.0% BATTERIES	ARE (PPE) RUBBER APRON, RUBBER BOOTS, CHEMICAL RUBBER GLOVES AND FULL FACE SHIELD PRESENT AND IN GOOD CONDITION? REF: OPNAVINST 5100.19E C0904P NSTM 313-2.5.5.4
E1B0	50.0% CONTROLLERS	DO CONTROLLERS WITH ELECTRICAL COMPONENTS RATED AT 30 VOLTS AC/DC OR GREATER MOUNTED ON THE CONTROLLER DOOR HAVE GROUNDING STRAP CONNECTED BETWEEN THE DOOR AND THE MAIN BODY OF THE CONTROLLER? REF: PMS 3001/002

# Top 10 Checklist Items Between 10/1/2007 and 10/1/2008

## General Engineering

Check Line	Hit Rate	Area	Question
X5B0	81.8%	HAZARDOUS MATERIALS	IS HAZARDOUS MATERIAL PROPERLY LABELED AND STOWED? REF: NSTM 670, OPNAVINST 5100.19E C2302 (E)
Y9D0	78.2%	PIPING SYSTEMS	IS THERE EVIDENCE OF FLAMMABLE SYSTEM LEAKS? REF: NSTM 505-8.3.1
X2A0	72.7%	DECK PLATES AND	ARE DECK PLATES AND LADDERS PROPERLY FITTED AND SECURED? REF: GSO 622 C/D, NAVSHIPS DWG 803-1340709 REV B
X6C0	70.9%	SYSTEM AND	ARE GAGES AND INDICATORS CALIBRATED AND IN GOOD CONDITION? REF: GSO 504-Q, NSTM 504-3.7.1, PMS MIP 9802
X1A0	70.9%	NAVOSH	ARE NOISE HAZARD SIGNS POSTED IAW THE INDUSTRIAL HYGIENE SURVEY? REF: OPNAVINST 5100.19E (B4, B0404c)
Y9E0	69.1%	PIPING SYSTEMS	IS THERE EVIDENCE OF NON-FLAMMABLE SYSTEMS LEAKS? REF: NSTM 505-8.3
X4B0	65.5%	INSTRUCTIONS AND	ARE IDENTIFICATION PLATES INDICATING MAXIMUM ALLOWABLE LOADS OR TEST DATA INSTALLED BY LIFTING PADS OVER HEAVY EQUIPMENT? REF: GSO 602G
Z1F0	61.8%	EDUCTORS AND BILGE	ARE EDUCTOR SUCTION CUT-OUT VALVES PROVIDED WITH THE WARNING SIGN STATING, "DO NOT OPEN UNTIL VACUUM IS INDICATED ON SUCTION GAGE". REF: GSO 529-H
X1E0	60.0%	NAVOSH	ARE REQUIRED EYE WASH STATION LOCATION SIGNS POSTED AND SUPPLY VALVE LOCKED OPEN? REF: OPNAVINST 5100.19E (B0508)
Y7D0	60.0%	VALVES AND VALVE	ARE THE VALVE HANDWHEELS COLOR CODED? REF: NSTM 505-7.8.2.2

# Top 10 Checklist Items Between 10/1/2007 and 10/1/2008

## Auxiliary

Check Line	Hit Rate Area	Question
H2E0	82.6% STEAM JACKETED	IS PIPING FROM RELIEF VALVE OUTLET DOWN TO KETTLE COAMINGS? REF: OPNAVINST 5100.19E C1905 G (6)
G2I0	80.0% PACKAGE CONVEYOR	ARE THE STSTEM OPERABILITY TEST (SOT) COMPLETED AND BLANKS FILLED IN ON MRC? REF: PMS MIP SERIES 5721 AND MIP SERIES 5731 NSTM 572-3.4.1
A7A1	75.0% REFRIGERATION	IS THE TRACKING OF REFRIGERANT USAGE/PROCUREMENT ACCURATE AND EFFECTIVE? REF: NSTM 516-1.11 PMS MIP 5161 SERIES, MIP 5140 SERIES
A1A0	70.2% DECK COVERINGS	ARE NON-SKID DECK TREADS INSTALLED FOR MACHINE SHOP EQUIPMENT, EMERGENCY ENGINES AND STEERING GEAR? REF: NSTM 634 TABLE 634-2-1, GSO 634C
G2A0	66.7% PACKAGE CONVEYOR	ARE CONVEYOR DOORS AND CONTROLLERS LOCKED WHEN NOT IN USE? REF: NSTM 572-2.2.5.1, 572-2.3.2.3, 572-2.3.6.6 NSTM 572-2.3.6.12 APPENDIX D
F2I0	61.7% STEERING GEAR	IS THE STEERING HYDRAULIC SYSTEM FREE OF LEAKS? REF: NSTM 562-10.1.3.D
I1B0	58.7% LAUNDRY AREA, GENERAL	IS THE TUMBLER DRYER PRIMARY LINT FILTER PROPERLY INSTALLED, FREE OF RIPS AND TEARS, AND CLEANED EVERY TWO HOURS OF OPERATION? REF: NSTM 655.2.5.3.1 (9 & 10), NSTM 655.2.5.4 (1), OPNAVINST 5100.19E C2002 C (6)
A7A2	56.3% REFRIGERATION	ARE ACCIDENTAL VENTING FORMS BEING USED TO DOCUMENT REFRIGERANT LOSS? REF: NSTM 516-1.11 (FIG 516-1-10)
A9A3	55.3% POTABLE WATER	ARE POTABLE WATER DECK LOCKERS VERMIN PROOF/LOCKED, LABELED "POTABLE WATER HOSES STORAGE ONLY", 18" ABOVE THE DECK WITH DISINFECTING INSTRUCTIONS POSTED? REF: GSO 532 C AND 671, NAVMED P-5010-6-8 NSTM 533-2.1.3
A9A1	55.3% POTABLE WATER	ARE POTABLE WATER HOSES AND FITTINGS STOWED PROPERLY? REF: NSTM 533-2.1.3

# Top 10 Checklist Items Between 10/1/2007 and 10/1/2008

## Main Propulsion (Gas Turbine)

Check Line	Hit Rate Area	Question
K2B0	50.0% GTG	ARE GAS TURBINE GENERATOR MODULES FREE OF LUBE OIL LEAKS? REF: GGTB 17, NSTM 505-8.3
E2B0	47.6% MAIN SHAFT SEAL	ARE COOLING WATER PIPING/VALVES SATISFACTORY? REF: NSTM 244 - 6.4 (FIGURE 244-6-12) GSO 244 B8
L1I0	42.9% WASTE HEAT BOILERS	IS THERE EVIDENCE OF EXHAUST GAS LEAKS FROM THE BOILER CASING? REF: NSTM 221-5.5.5, GSO 221 E
M1A0	41.0% CRP SYSTEM	IS HOPM (HYDRAULIC OIL POWER MODULE) FREE OF OIL LEAKS AND ARE GAUGES CALIBRATED? REF: NSTM 556-11.3
K2E0	39.1% GTG	IS GTG MODULE LIGHTING OPERATIONAL, INTACT AND PROPERLY LOCK WIRED? REF: NSTM 234-9.5.6 PMS MIP 3113
K2H0	33.3% GTG	ARE GTG DEMISTER PADS CLEAN AND IN GOOD MATERIAL CONDITION? NSTM 234-3.5.9, PMS MIP 3431/002, S-5, GSO 259 C
K1L0	29.2% GTM	ARE INLET SCREENS INSPECTED WEEKLY TO ENSURE THEY ARE CLEAN AND FREE OF OBSTRUCTIONS? REF: NSTM 234-3.5.7
K1E0	27.3% GTM	IS MODULE LIGHTING OPERATIONAL, INTACT AND SHIELDED, AND PROPERLY LOCKWIRED? REF: NSTM 234.9.5.6, MFGR'S TECHNICAL MANUAL
E2A0	26.2% MAIN SHAFT SEAL	IS EMERGENCY PACKING / INFLATION HOSES STOWED IN VICINITY OF STERN TUBE SEAL? REF: GSO 244 B8 (2)
E2C0	26.2% MAIN SHAFT SEAL	ARE GUAGES INSTALLED/CALIBRATED? REF: GSO 504 E,F,G, NSTM 503-3.7.1, JFMM VOL VI, REV A, CHAPTER 9, PMS MIP 9802

# Top 10 Checklist Items Between 10/1/2007 and 10/1/2008

## Main Propulsion (Diesel)

Check Line	Hit Rate Area	Question
E2A0	36.4% MAIN SHAFT SEAL	IS EMERGENCY PACKING / INFLATION HOSES STOWED IN VICINITY OF STERN TUBE SEAL? REF: GSO 244 B8 (2)
E2F0	30.0% MAIN SHAFT SEAL	IS PMS BEING ACCOMPLISHED ON CO2/N2 BOTTLE FOR SEAL? REF: NSTM 244-6.5.2.5, PMS MIP 2400
E1E0	27.3% MAIN SHAFTING/SPRING BEARINGS	ARE GUARDS PROVIDED AROUND FLANGED JOINTS? REF: GSO 070 H
E2C0	27.3% MAIN SHAFT SEAL	ARE GAUGES INSTALLED/CALIBRATED? REF: GSO 504 E, F,G, NSTM 504-3.7.1, JFMM VOLVI, REVA, CHAP 9, PMS MIP 9802.
E1F0	25.0% MAIN SHAFTING/SPRING BEARINGS	ARE BULKHEAD SEALS IN GOOD MECHANICAL CONDITION? REF: GSO 244 B (9)
C1C1	23.1% MAIN DIESEL AND DRIVE	ARE WARNING SIGNS ON THE SIDE OF ENGINE "CAUTION DO NOT OPEN OR REMOVE ENGINE CRANKCASE COVERS OR ACCESS COVERS UNTIL AT LEAST 30 MINUTES HAVE ELAPSED AFTER SHUTDOWN OF AN ENGINE WHEN IT IS KNOWN OR SUSPECTED THAT THERE HAS BEEN AN EXPLOSION, FIRE, OR AN OVERHEATED PART IN THE CRANKCASE"? REF: NSTM 233-13.2.1.5
E2E0	18.2% MAIN SHAFT SEAL	IS THERE A MEANS FOR INFLATING SEAL? REF: GSO 244 B.8, NSTM 244-6.3.3
E2B0	18.2% MAIN SHAFT SEAL	ARE COOLING WATER PIPING/VALVES SATISFACTORY? REF: NSTM 244 - 6.4 (FIGURE 244-6-12) GSO 244 B8
C1A0	16.7% MAIN DIESEL AND DRIVE	ARE ENGINE THROTTLES/CONTROLS LOCKED/SECURED AND A WARNING SIGN IN PLACE INDICATING THE JACKING GEAR IS ENGAGED? REF: NSTM 241-3.4.7
C3B0	15.4% ENGINE SHUTDOWN	ARE REMOTE SHUTDOWN DEVICES PROPERLY GUARDED? REF: GSO 505 B 10, GSO 70 H

# Top 10 Checklist Items Between 10/1/2007 and 10/1/2008

## Main Propulsion (Steam)

Check Line	Hit Rate Area	Question
D2B0	60.0% MAIN SHAFT SEAL	ARE COOLING WATER PIPING/VALVES SATISFACTORY? REF: NSTM 244 - 6.4 (FIGURE 244-6-12) GSO 244 B8
D2I0	40.0% MAIN SHAFT SEAL	IS EMERGENCY PACKING / INFLATION HOSES STOWED IN VICINITY OF STERN TUBE SEAL? REF: GSO 244 B8 (2)
D2C0	20.0% MAIN SHAFT SEAL	ARE GAUGES INSTALLED/CALIBRATED? REF: GSO 504 E, F,G, NSTM 504-3.7.1, PMS MIP 9802. JFMM VOL VI, REVA, CHAP 9, PMS MIP 9802.
F1D0	20.0% SHIP SERVICE TURBO GENERATORS	ARE PROPER FLANGE SHIELDS INSTALLED AND IN SATISFACTORY CONDITION? REF: NSTM 505 - 7.9.4.2
I4A2	20.0% STEAM SMOTHERING SYSTEM	IS TEST VALVE LOCKED OPEN BETWEEN THE CONTROL VALVE AND THE BOILER CASING? REF: GSO 555G
F1E0	20.0% SHIP SERVICE TURBO GENERATORS	ARE THE LUBE OIL FLANGE SHIELDS SOAKED WITH OIL? REF: NSTM 505-7.9.4
D2E0	20.0% MAIN SHAFT SEAL	IS THERE A MEANS FOR INFLATING SEAL? REF: GSO 244 B.8, NSTM 244-6.3.3
D1F0	20.0% MAIN SHAFTING/SPRING BEARINGS	ARE BULKHEAD SEALS IN GOOD MECHANICAL CONDITION? REF: GSO 244 B (9)
D1E0	20.0% MAIN SHAFTING/SPRING BEARINGS	ARE GUARDS PROVIDED AROUND FLANGED JOINTS? REF: GSO 070 H
C1C0	20.0% STEAM TURBINES AND REDUCTION GEARS	ARE THE FLANGE SHIELDS OIL SOAKED? REF: NSTM 505 - 7.9.4.1