

APPENDIX G

CHECKLISTS FOR WATERCRAFT MAINTENANCE

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**VESSEL MAINTENANCE CHECK LIST**      **DATE:** \_\_\_\_\_

<b>NAME OF VESSEL</b> _____					
<b>ENGINE HOUR METER READINGS</b>					
PORT _____		STBD _____		PORT GEN. _____	
STBD GEN _____					
<b>REPAIRS NEEDED</b>		<b>TEST RUN</b>			<b>INITIALS</b>
		1. Checked all propulsion and auxiliary equipment for excessive vibration, unusual noise, odors and leaks.			
		2. Checked all engine and steering cables and linkages for looseness binding and satisfactory response.			
		3. Checked all gages and instruments for proper operation.			
		4. Checked propeller and rudder shaft stuffing boxes for excessive leakage.			
<b>ENGINES</b>					
<b>PORT</b>	<b>STBD</b>	<b>PORT GEN</b>	<b>STBD GEN</b>	<b>WORK ITEMS PERFORMED</b>	<b>INITIALS</b>
				Changed Oil	
				Changed Oil filters	
				Changed fuel filters	
				Changed reduction gear oil (1000 hrs)	
				Changed reduction gear oil filter	
				Lubricated tachometer drive	
				Oiled generator bearings	
				Adjusted all V. Belts	
				Adjusted propeller shaft glands	
				Checked batteries (load test, clean and tighten terminals)	
				Checked all zinc electrodes	
				Checked and cleaned air box drains	
				Checked all sea strainers	
				Inspected and cleaned blower screens (1000 hrs)	
				Inspected and cleaned heat exchanger cores (1000 hrs)	
				Inspected and replaced worn raw water pump components	
				Pressure tested engine cooling systems	
				Checked exhaust systems (clamps, hoses, brackets and mufflers)	
<b>FIGURE G-1</b>					<b>Vessel Maintenance Checklist</b>



## DRIFT COLLECTION VESSEL MONTHLY MAINTENANCE WORKSHEET

NAME OF VESSEL \_\_\_\_\_ Date: \_\_\_\_\_

### I. Vessel Test Run

a) Check all propulsion, auxiliary and crane engines, generators, transmissions, shafting and other auxiliary equipment for excessive vibration, unusual noise, odors and leaks.

Results: \_\_\_\_\_

b) Check all engine and steering cylinders, yolk and linkages for looseness, binding and satisfactory response. Also check air controllers for proper air flow and response.

Results: \_\_\_\_\_

c) Check all gages and instruments for proper operation.

Results: \_\_\_\_\_

d) Check crane/derrick controls, control levers and air control fittings ( if any) and also check crane/derrick for proper operation.

Results: \_\_\_\_\_

e) Check propeller and rudder shaft stuffing boxes for excessive leakage.

Results: \_\_\_\_\_

### II) Work Items Performed

a) Engines: (Work performed every 100 hours unless otherwise noted).

<u>Port</u>	<u>STBD</u>	<u>No. 1 GEN</u>	<u>No. 2 GEN</u>	<u>CRANE</u>	Mark a check ( ) in the correct box (below, left) when each work item is completed.
				*	1) Sample oil for analysis (200 hrs.)
				*	2) Change oil and oil filters (depending on analysis results)
				* NA	3) Change fuel filters
				* NA	4) Change reduction gear oil and filter (1000 hrs.)
				*	5) Clean reduction
					6) Lubricate tachometer drive (200 hrs.)
					7) Oil Generator bearings
					8) Adjust all drive belts
					9) Adjust propeller shaft glands
					10) Service batteries
					11) Check all zinc electrodes (500 hrs.)
					12) Check and cleaned air box drains (500 hrs.)
					13) Service all sea strainers
					14) Inspect and cleaned blower screens (1000 hrs.)
					15) Inspect and cleaned heat exchanger cores (1000 hrs.)
					16) Inspect and replaced worn raw water components
					17) Pressure test engine cooling systems
					18) Check exhaust systems (clamps, hoses, brackets, and mufflers)

\* Denotes action not required for Drift Master vessel.

Figure G-2 Drift Collection Vessel Monthly Maintenance Worksheet - (continued)

Items needing repair:

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b) Crane/Derrick: (work performed every 90 days unless otherwise noted)

(Check)

- \_\_\_\_\_ 1) Grease/inspect sheaves, pins, bushings, and winches and inspect all moving parts.
- \_\_\_\_\_ 2) Sample hydraulic crane oil for analysis (6 mos.). \*
- \_\_\_\_\_ 3) Sample winch gear oil for analysis (6 mos.).
- \_\_\_\_\_ 4) Inspect and fill the crane control valves in pilot house with oil (weekly).\*

\* Denotes action not required for Drift Master vessel.

Items needing repair:

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c) Steering System: (work performed every 100 hours unless otherwise noted)

(Action)

- \_\_\_\_\_ 1) Grease all fittings and rudder stock upper bearings (quarterly)
- \_\_\_\_\_ 2) Check hydraulic cylinders and reservoirs
- \_\_\_\_\_ 3) Check all gear boxes and/or steering wheel bearings for looseness and worn parts
- \_\_\_\_\_ 4) Check all linkages for excessive wear and looseness
- \_\_\_\_\_ 5) Adjust rudder post packing glands, repacked if needed.

Items needing repair:

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d) Bilge System: (work performed every 100 hours unless otherwise noted)

(Action)

- \_\_\_\_\_ 1) Check for proper pump operation, all pumps (200 hours)
- \_\_\_\_\_ 2) Check valves and piping for leaks
- \_\_\_\_\_ 3) Clean all foot valve screens
- \_\_\_\_\_ 4) Clean strainers
- \_\_\_\_\_ 5) Test all bilge alarms

Items needing repair:

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e) Engine Room Ventilation System: (work performed weekly unless otherwise noted)

(Action)

- \_\_\_\_\_ 1) Clean all supply fan screens of dirt and particles
- \_\_\_\_\_ 2) Check blowers for proper operation and obstruction of vents
- \_\_\_\_\_ 3) Test blower remote shutdowns for prompt and proper operation (6 mos.)

Items needing repair:

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f) Fresh Water System: (work performed every week unless otherwise noted)

(Action)

- \_\_\_\_\_ 1) Check pumps for leaks and proper operation
- \_\_\_\_\_ 2) Check tanks and piping for leaks
- \_\_\_\_\_ 3) Test automatic pressure switch (every month)
- \_\_\_\_\_ 4) Clean fresh water strainers (6 mos.)
- \_\_\_\_\_ 5) Drain and flush system (1 yr.)

Items needing repair:

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g) Sewage and Waste Systems: (work performed daily unless otherwise noted)

(Action)

- \_\_\_\_\_ 1) Check and inspect all sewage lines for leaks and corrosion
- \_\_\_\_\_ 2) Inspect tank level and pump when needed
- \_\_\_\_\_ 3) Check and inspect the vacuum pumps and flush with safety solvent (1 week) \*

Items needing repair:

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h) Fire Fighting Equipment: (work performed every 6 months unless otherwise noted)

(Action)

- \_\_\_\_\_ 1) Test and inspect all hoses for rot and decay.
- \_\_\_\_\_ 2) Test ran and pressurize fire main system and check for leaks and proper operation.
- \_\_\_\_\_ 3) Grease and clean the sea suction strainer on the fire pump.
- \_\_\_\_\_ 4) Test and inspect all portable fire extinguishers (1 month).
- \_\_\_\_\_ 5) Company/manufacturer rep inspected/tested portable fire extinguishers (1 year)

Items needing repair:

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I) Boiler: (work performed every 6 mos. unless otherwise noted)

(Action)

- \_\_\_\_\_ 1) Inspect and test remote boiler shutdown.
- \_\_\_\_\_ 2) Inspect and test pressure relief valve.
- \_\_\_\_\_ 3) Inspect and test low water cut off.
- \_\_\_\_\_ 4) Drain, flush and refill system.
- \_\_\_\_\_ 5) Winterize system (1 year).
- \_\_\_\_\_ 6) Check operation of system for proper temp., pressure, ignition and spark (daily)
- \_\_\_\_\_ 7) Check exhaust stack for leaks (daily)
- \_\_\_\_\_ 8) Check water lines for leaks (daily)

Items needing repair:

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j) Fuel Oil System: (work performed every 6 mos. Unless otherwise noted)

(Action)

- \_\_\_\_\_ 1) Grease and inspected pump for worn parts and leaks. (\*)
- \_\_\_\_\_ 2) Check and test emergency shutdown. (\*)
- \_\_\_\_\_ 3) Check and test remote shutdown. (\*)
- \_\_\_\_\_ 4) Clean and inspect the fuel oil suction strainer (1 mo.). (\*)
- \_\_\_\_\_ 5) Check and inspect all fuel oil lines for leaks (daily).

(\*) Denotes action not required for GELBERMAN.

Items needing repair:

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k) Deck Equipment: (work performed every 6 mos. unless otherwise noted)

(Action)

- \_\_\_\_\_ \*1) Change 90W gear oil in boat hoist winch.
- \_\_\_\_\_ \*2) Add lube oil to air lubricator of boat hoist.
- \_\_\_\_\_ \*3) Change gear oil in deck capstans and inspected for wear on internal parts.
- \_\_\_\_\_ \*4) Grease and inspected capstans for proper operation (quarterly).
- \_\_\_\_\_ 5) Check whaler for correct working order and safety equipment (every use).
- \_\_\_\_\_ 6) Check 12-V starting batteries in whaler for charge and clean terminals (every use).

\* Denotes action not required for Drift Master vessel.

Items needing repair:

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l) Compressed Air System: (work to be performed every 6 mos. except as noted)

(Action)

- \_\_\_\_\_ 1) Blow down all air receivers for dirt and condensation (daily)
- \_\_\_\_\_ \*2) Check and add lube oil to the lubricators (monthly).
- \_\_\_\_\_ 3) Test relief valves.
- \_\_\_\_\_ 4) Change lube oil and replace felt pads on the air compressor
- \_\_\_\_\_ 5) Add the silica gel tablets and inspect Van Air system.

\* Denotes action not required for Drift Master vessel.

Items needing repair:

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m) Air Conditioning System (HAYWARD and GELBERMAN only): (perform work as noted)

(Action)

- \_\_\_\_\_ 1) Clean and inspected all raw water lines on suction side (weekly in season).
- \_\_\_\_\_ 2) Check for leaks and proper operation of pump (daily in season).

Items needing repair:

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PERFORMED BY: \_\_\_\_\_

## BOAT OPERATIONS QUARTERLY SELF-INSPECTION REPORT

NAME OF VESSEL \_\_\_\_\_

DATE \_\_\_\_\_

### 1. HULL

(A) ARE THE HULL AND ALL UNDERWATER FITTINGS IN GOOD CONDITION? Yes    No

(EXAMINE: HULL FOR ROT, LOOSE FASTENINGS, SPLIT PLANKS, FAULTY SEA COCKS, LEAKY STUFFING BOXES, ETC.)

REMARKS: \_\_\_\_\_  
\_\_\_\_\_

(B) ARE THE STRUCTURAL PARTS IN THE HOUSE IN GOOD CONDITION? Yes    No

(EXAMINE: HOUSE FOR LEAKY WINDOWS, ROT, CRACKED CANVAS, FAULTY HATCHES, JAMMING DOORS, CLOGGED SCUPPERS, LOOSE HAND NAILS, FAULTY HARDWARE, ETC.)

REMARKS: \_\_\_\_\_  
\_\_\_\_\_

(C) IS THE DECK EQUIPMENT IN "SHIP SHAPE" CONDITION? Yes    No

REMARKS: \_\_\_\_\_  
\_\_\_\_\_

(EXAMINE: LIFE BOAT AND ITS ACCESSORIES, MAST AND YARD ARM AND ACCESSORIES, RING BUOYS, WHISTLE, BELL, FENDERS, RUNNING LIGHTS, COMPASS.)

REMARKS: \_\_\_\_\_  
\_\_\_\_\_

### 2. CONTROLS AND INSTRUMENTS

(A) IS THE ENTIRE STEERING GEAR IN GOOD OPERATING CONDITION? Yes    No

(EXAMINE: SHEAVES, CABLE, DRUMS, RUDDER POST, LEVERS, BELL CRANKS, RUDDER STUFFING BOXES FOR WEAR, DETERIORATION, CORROSION, IMPROPER LUBRICATION, ETC. EXAMINE TRANSMITTER, ACTUATOR, AND CONNECTING TUBING OF HYDRAULIC STEERING GEAR FOR WEAR AND LEAKAGE.)

REMARKS: \_\_\_\_\_  
\_\_\_\_\_

(B) ARE CLUTCH / THROTTLE CONTROLS IN GOOD OPERATING CONDITION? Yes    No

**EXAMINE:** BOWDEN WIRE, ROD, LINKAGES, LEVERS, AND BELL CRANKS ON MANUAL CONTROLS FOR CORROSION /WEAR.

REMARKS: \_\_\_\_\_

**EXAMINE:** HYDRAULIC THROTTLE CONTROLS FOR WEAR, LEAKS, AND USE OF PROPER HYDRAULIC FLUID.

REMARKS: \_\_\_\_\_

**EXAMINE:** POWER CYLINDER, VACUUM, RESERVOIR ELECTRICAL SYSTEM OF BENDIX CLUTCH CONTROLS FOR LEAKAGE, WEAR, AND ELECTRICAL INTEGRITY.

REMARKS: \_\_\_\_\_

(C) ARE INDICATING GAUGES (TACHOMETERS, AMMETERS, ETC. IN GOOD CONDITION? **Yes** **No**

IS THERE ANY REASON FOR SUSPECTING THE ACCURACY OF THE INSTRUMENT READINGS? **Yes** **No**

REMARKS: \_\_\_\_\_

**3. FUEL TANKS, PIPING ETC.**

(A). ARE FUEL TANKS/ PIPES TIGHT, IN GOOD CONDITION AND PROPERLY SECURED TO PREVENT MOVEMENTS? **Yes** **No**

OF WHAT MATERIAL ARE TANKS CONSTRUCTED? \_\_\_\_\_

IS THERE ANY EVIDENCE OF SERIOUS CORROSION? **Yes** **No**

(B) ARE FILLING PIPES AND SOUNDING HOLES ARRANGED SO THAT OVERFLOW/ VAPORS FROM FILLING WILL NOT ENTER THE INSIDE OF THE BOAT? **Yes** **No**

ARE SUCH PIPES TIGHTLY ATTACHED TO THE TANK AND TO THE DECK FITTINGS? **Yes** **No**

DO FILLING PIPES EXTEND NEARLY TO THE BOTTOM OF THE TANK? **Yes** **No**

ARE VENTS OF SUFFICIENT SIZE TO PREVENT BACK FLOW WHEN FILLING? **Yes** **No**

ARE FIRE PREVENTION SCREENS FITTED TO FUEL TANK VENT LINES? **Yes** **No**

(C) IS THE FUEL TANK VENT PIPE SOLIDLY ATTACHED TO THE TOP OF THE TANK? **Yes** **No**

DOES IT EMPTY INTO OPEN AIR, CLEAR OF OPENINGS IN THE VESSEL'S HULL / CABIN? **Yes** **No**

(D) CAN FUEL SUPPLY TO THE TANK BE SHUT OFF FROM OUTSIDE OF THE COMPARTMENT WHERE THE TANK IS LOCATED? **Yes** **No**

IS THE VESSEL EQUIPPED WITH AN AUTOMATIC SHUT-OFF VALVE FOR EACH TANK? **Yes** **No**

(E) ARE ALL DRAIN OPENINGS IN FUEL TANKS / PIPING, ETC. FITTED WITH SUBSTANTIAL TIGHT FITTING PLUGS? **Yes** **No**

(F) IS THE FUEL SYSTEM EXPOSED TO DANGER OF ACCIDENTAL PIERCING BY NAILS, ETC.? **Yes** **No**

**4. PROPULSION ENGINE AND ACCESSORIES**

(A) ARE THE CARBURETORS EQUIPPED WITH BACK-FIRE FLAME ARRESTERS? **Yes** **No**

DO THEY (EXCEPT DOWN DRAFT TYPE) HAVE DRIP PANS UNDERNEATH TO PREVENT GASOLINE FROM DRIPPING TO BILGES? **Yes** **No**

(B) ARE THE FULL LENGTH DRIP PANS UNDER ENGINES TO PREVENT PETROLEUM FROM DRIPPING INTO BILGES? IF SO, WHAT MEANS ARE THERE FOR THE REMOVAL OF THE ACCUMULATION IN THE PAN? **Yes** **No**

REMARKS: \_\_\_\_\_  
\_\_\_\_\_

C. OF WHAT MATERIALS ARE THE EXHAUST PIPING SYSTEMS COMPOSED AND ARE ALL IN GOOD CONDITION? \_\_\_\_\_ **Yes** **No**

**EXAMINE:** THE ENTIRE EXHAUST SYSTEM AND REPORT ALL EVIDENCE OF LEAKS, CORROSION, DETERIORATION OF RUBBER, ETC.

REMARKS: \_\_\_\_\_  
\_\_\_\_\_

ARE ALL PIPES SO ARRANGED OR INSULTED SO AS NOT TO SCORCH OR IGNITE ADJACENT WOODWORK? **Yes** **No**

**EXAMINE** AND REPORT CONDITION OF CARBURETOR , FUEL PUMP, GENERATOR, STARTER, VALVES, GASKETS, BEARINGS, ETC.

REMARKS: \_\_\_\_\_  
\_\_\_\_\_

D. IS THE COMPLETE TRANSMISSION IN GOOD WORKING ORDER? **Yes** **No**

**EXAMINE:** REDUCTIONS, REVERSE GEARS, COUPLINGS, AND SPRING BEARINGS.

REMARKS: \_\_\_\_\_  
\_\_\_\_\_

E. ARE THE ENGINES OPERATING SATISFACTORILY? **Yes** **No**

REPORT THE FOLLOWING CHARACTERISTICS OF EACH ENGINE:

	PORT	STARBOARD
ENGINE REVOLUTIONS	R.P.M. _____	_____
OIL PRESSURE	P.S.I. _____	_____
OIL TEMPERATURE	DEG. F _____	_____
ENGINE HOUR METER READING	_____	_____
CONDITION OF EXHAUST ON DIESEL	_____	_____
COOLING WATER TEMPERATURE	DEG.F _____	_____

**EXHAUST TEMPERATURE AND COMPRESSING PRESSURE**

	TEMP	PRES	TEMP	PRES
CYL. No. 1	_____	_____	_____	_____
CYL. No. 2	_____	_____	_____	_____
CYL. No. 3	_____	_____	_____	_____
CYL. No. 4	_____	_____	_____	_____
CYL. No. 5	_____	_____	_____	_____
CYL. No. 6	_____	_____	_____	_____
CYL. No. 7	_____	_____	_____	_____
CYL. No. 8	_____	_____	_____	_____

DATE READINGS TAKEN: \_\_\_\_\_

**5. ELECTRICAL SYSTEM**

A. IS THE ENTIRE ELECTRICAL SYSTEM IN GOOD CONDITION? Yes    No

**EXAMINE:** WIRING, FITTINGS, SWITCHBOARDS, PANELS, FUSE BOXES, ETC. FOR SHORT CIRCUITS, WETTING, DETERIORATION, ETC.

REMARKS: \_\_\_\_\_

B. ARE MARINE TYPE ELECTRICAL APPLIANCES & FITTINGS INSTALLED IN SPACES LIKELY TO CONTAIN EXPLOSIVE MIXTURES SUCH AS IN ENGINE AND BATTERY COMPARTMENTS? **Yes** **No**

C. ARE ELECTRIC STORAGE BATTERIES LOCATED IN WELL VENTILATED SPACES? **Yes** **No**

ARE THEY PROTECTED FROM SHORTING/ SPARKING DUE TO DRIPPING/FALLING OBJECTS? **Yes** **No**

D. ARE THE BATTERIES BEING PROPERLY CHARGED? **Yes** **No**

E. ARE ANY OF THE CIRCUITS OVERLOADED? **Yes** **No**

**6. VENTILATION**

(A) ARE ENCLOSED PARTS OF VESSEL PROVIDED WITH MEANS OF PROPER VENTILATION? **Yes** **No**

(B) DO SPACES WITH GASOLINE, MACHINERY, STORAGE BATTERIES, ETC. INSIDE HAVE A MEANS TO CIRCULATE AIR IN LOWER PART OF HOLD OR BILGES? **Yes** **No**

**EXAMINE:** BLOWERS, MOTORS AND WIRING FOR FAILURE, SHORT CIRCUIT AND CORROSION.

REMARKS: \_\_\_\_\_

(C) IS ENGINE ROOM BLOWER INTERLOCKED WITH STARTING SWITCH **Yes** **No**

(D) HAVE COWLS BEEN ACCIDENTALLY OBSTRUCTED OR BLOCKED? **Yes** **No**

(E) DOES THE HEATING SYSTEM OR STACK EMIT DANGEROUS FUMES INTO CABINS AND ARE EITHER A FIRE HAZARD? **Yes** **No**

**7 SAFETY AND FIRE FIGHTING EQUIPMENT**

(A) IS EQUIPMENT SUCH AS U.S. COAST GUARD APPROVED LIFE PRESERVERS, SAFETY RAILS, LIFE LINES, FIRST AID KITS, ETC. SERVICEABLE AND IN GOOD CONDITION? **Yes** **No**

(B) ARE FIRE EXTINGUISHER (PORTABLE & FIXED) FULLY CHARGED AND READY TO USE? **Yes** **No**

WHAT IS THE DATE OF LAST WEIGHING OF CYLINDERS? \_\_\_\_\_

**EXAMINE:** TANKS, VALVES, NOZZLES, PIPING, ETC. FOR WEAR, LEAKAGE, CORROSION, TAMPERING

IS THE CO2 SYSTEM EQUIPPED WITH AN AUTOMATIC DISCHARGE DEVICE? **Yes** **No**

STATE LOCATION OF HAND PULL(S). \_\_\_\_\_

REMARKS: \_\_\_\_\_

(C) IS THE VESSEL EQUIPPED WITH ALL SAFETY DEVICES ENUMERATED IN INSPECTION CERTIFICATE?

IF NOT, LIST MISSING ITEMS. \_\_\_\_\_

(D) IS THE VESSEL EQUIPPED WITH HAND PUMP TO REMOVE H2O FROM BILGES? **Yes** **No**

IS THE VESSEL EQUIPPED WITH POWER DRIVEN BILGE PUMP? **Yes** **No**

**EXAMINE:** PUMPS, MOTORS, BELTING, PIPING FOR CORROSION, DETERIORATION, ETC.

REMARKS: \_\_\_\_\_

(E) IS THERE A PAINTER LINE ATTACHED TO THE BOW? **Yes** **No**

(F) IS THERE A HATCHET ABOARD? **Yes** **No**

**8. LUBRICATING OIL**

(A) IS THE MANUFACTURERS RECOMMEND OIL USED FOR MACHINERY DURING NORMAL AND SUB-FREEZING TEMPERATURES? **Yes** **No**

LIST GRADE, SAE, OR NAVY SYMBOL OF OIL USED IN PROPELLING ENGINES, REVERSE GEAR / CLUTCH,

AND IN AUXILIARY ENGINES: \_\_\_\_\_

(B) IS THE VESSEL EQUIPPED WITH LUBRICATING OIL CLASSIFIERS? **Yes** **No**

TYPE \_\_\_\_\_ WHAT IS THE DATE OF LAST OIL CHANGE? \_\_\_\_\_

DATE CARTRIDGE LAST CHANGED: \_\_\_\_\_

**9. PROPELLERS and SHAFTS**

(A) ARE PROPELLERS, TAIL AND LINE SHAFTS ETC. IN GOOD CONDITION? **Yes** **No**

**EXAMINE:** LINE SHAFTS, COUPLINGS, INBOARD BEARINGS, STUFFING BOXES FOR WEAR, LEAKAGE THROUGH SHAFT LUGS, STRUT FITTINGS, ETC.

**REPORT:** EXCESSIVE VIBRATION DUE TO DAMAGED SHAFTING OR PROPELLERS. \_\_\_\_\_

REMARKS: \_\_\_\_\_

EP 750-1-1  
30 Nov 97

10. IMPROVEMENTS

HOW IN YOUR OPINION, CAN THE SAFETY OR EFFICIENCY OF THIS BOAT BE INCREASED?

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I CERTIFY THAT ALL OF THE ABOVE STATEMENTS ARE BASED ON EXAMINATIONS MADE BY THE UNDERSIGNED.

NAME: \_\_\_\_\_ (ENGINEER OR OPERATOR)      SIGNATURE: \_\_\_\_\_

APPROVED:

NAME: \_\_\_\_\_ (MASTER)      SIGNATURE: \_\_\_\_\_

**Drift Collection Vessel Preventive Maintenance Schedule**

NAME OF VESSEL \_\_\_\_\_

Fiscal Year \_\_\_\_\_

Month	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Steering Gear												
C02 System												
Salt H2O Sea Strainer												
*Rudder												
*Eng Oil/Filter												
*Oil/Filt Crane												
Lube Oil/Filt Misc												
Lube Oil/Filter Wk. Boat												
Heating Boiler Tubes												
Drift Nets												
Sani System Flush												
Fire Main & Pump												

Figure G-4 Drift Collection Vessel Preventive Maintenance Schedule

Drift Collection Vessel Preventive Maintenance Schedule											Page (2)	
NAME OF VESSEL											Fiscal Year	
Monh	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Batt & Alarms												
Cool H2O Sys. Lines												
* Main Eng												

\*Denotes equipment may be mounted on both port and starboard sides of vessel.

Figure G-4 Drift Collection Vessel Preventive Maintenance Schedule - (Continued)



<b>Job Cost Summary</b>							
DATE	LABOR	MATERIALS		DATE	LABOR	MATERIALS	
		REQ HR.	VALUE			REQ HR.	VALUE
DATE	SHOP EXPENSE	SHOP OVERHEAD	STREHSE OPER	CREDIT DISTRIB	BALANCE		
<b>DATE CLOSED:</b>		<b>ESTIMATED COST:</b>	<b>COMPLETED COST:</b>		<b>SUBMITTED BY (Signature)</b>		
<b>COMPLETION REPORT</b>							
Summary of Work Done: (Describe all deviations from specifications and mention all circumstances of importance for operator and/or next overhead.)							
<b>INSPECTED BY: (Signature)</b>							
<b>SUBMITTED BY: (Signature)</b>		<b>ACCEPTANCE RECOMMENDED BY: (Signature)</b>			<b>ACCEPTED BY: (Signature)</b>		

Figure G-5 Equipment Job Order History - (Continued)

<b>SHOP ORDER - JOB COST SUMMARY COMPLETION REPORT</b>	<b>SHOP ORDER NUMBER:</b>		
	<b>NAME OF PLANT:</b>		
	<b>LOCATION:</b>		
	<b>DATE:</b>		
<b>SHOP ORDER</b>			
<b>SPECIFICATIONS</b>			
<b>ALL MATERIALS TO BE FURNISHED BY SHOP EXCEPT:</b>			
<b>ESTIMATED COST:</b>	<b>WORK TO COMMENCE:</b>	<b>WORK TO BE COMPLETED:</b>	
<b>REMARKS:</b>			
<b>Prepared By (Signature)</b>	<b>Submitted By (Signature)</b>	<b>Recommended By (Signature)</b>	<b>Approved By (Signature)</b>

Figure G-5

Equipment Job Order History - (Continued)