



# ALPHARD OFFSHORE

## DIVING OPERATIONS SERVICE REPORT

F-26

Rev Date: 12-May-21

Rev No.: 01

Prep By: ZAC

Appr By: KARTHIK

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**GENERAL DETAILS****JOB NO :**

Vessel: **GLOBE PEGASUS** Date: **12/11/2023**  
 Dive Station: **OPL 116** Draft **FWD: 12.4 M** Aft: **12.4 M**  
 Location /  
 Anchorage: **AESPA/ SINGAPORE**  
 Sea State: Calm / Windy/ Choppy Visibility: **Satisfactory** Current: **Mild/Strong**  
 Berthing: Port / STBD to Quay / Anchor Class Society: **N/A** Surveyor: **N/A**

**JOB ASSIGNMENT**

Hull Cleaning: Yes  No  Propeller Polishing: Yes  No   
 Others: Class IWS / CCTV  Visual Survey with Photos  Others / Repair

**MARINE FOULING CONDITION**

Type:	1. Acorn Barnacle	2. Tubeworm	3 Gooseneck	4 Algae
	5. Slime	6. Mussels	7. Calcareous	8. Others

Severity: Light / Moderate / Heavy

LOCATION	TYPE	% AREA			SEVERITY	LENGTH/ HEIGHT
		BOW	MID	STERN		
Port	11415	40%	40%	40%	Moderate	20 - 30 mm
Starboard	11415	40%	40%	40%	Moderate	20 - 30 mm
Flat Bottom	115	70%	70%	70%	Moderate	20 - 30 mm
Bilge Keel	11415	60%			Moderate	20 - 30 mm
Gratings	115	90%			Heavy	20 - 30 mm
Rudder	11415	70%			Moderate	20 - 30 mm
Propeller	41517	70%			Moderate	
Bow Thruster (s)	N/A	N/A			N/A	N/A



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### GENERAL HULL ASSESEMENT

#### PAINT CONDITION

Coatings	SPC <input type="checkbox"/>	NON SPC <input checked="" type="checkbox"/>
Condition	GOOD <input type="checkbox"/>	FAIR <input checked="" type="checkbox"/> POOR <input type="checkbox"/>

#### Paint Defects Description

- a. Peeling                    b. Blisters                    c. Cracking                    d. Corrosion  
e. Mechanical Damage        f. Grounding damage

#### Paint Defect remarks:

Paint detachment at bow due to anchor heaving activities.

### HULL PLATING BELOW WATERLINE

Port Vertical Side:	Any Damage	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Starboard Vertical Side:	Any Damage	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Port Flat Bottom:	Any Damage	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Keel Plate:	Any Damage	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Starboard Flat Bottom:	Any Damage	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>



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### GENERAL HULL ASSESSMENT

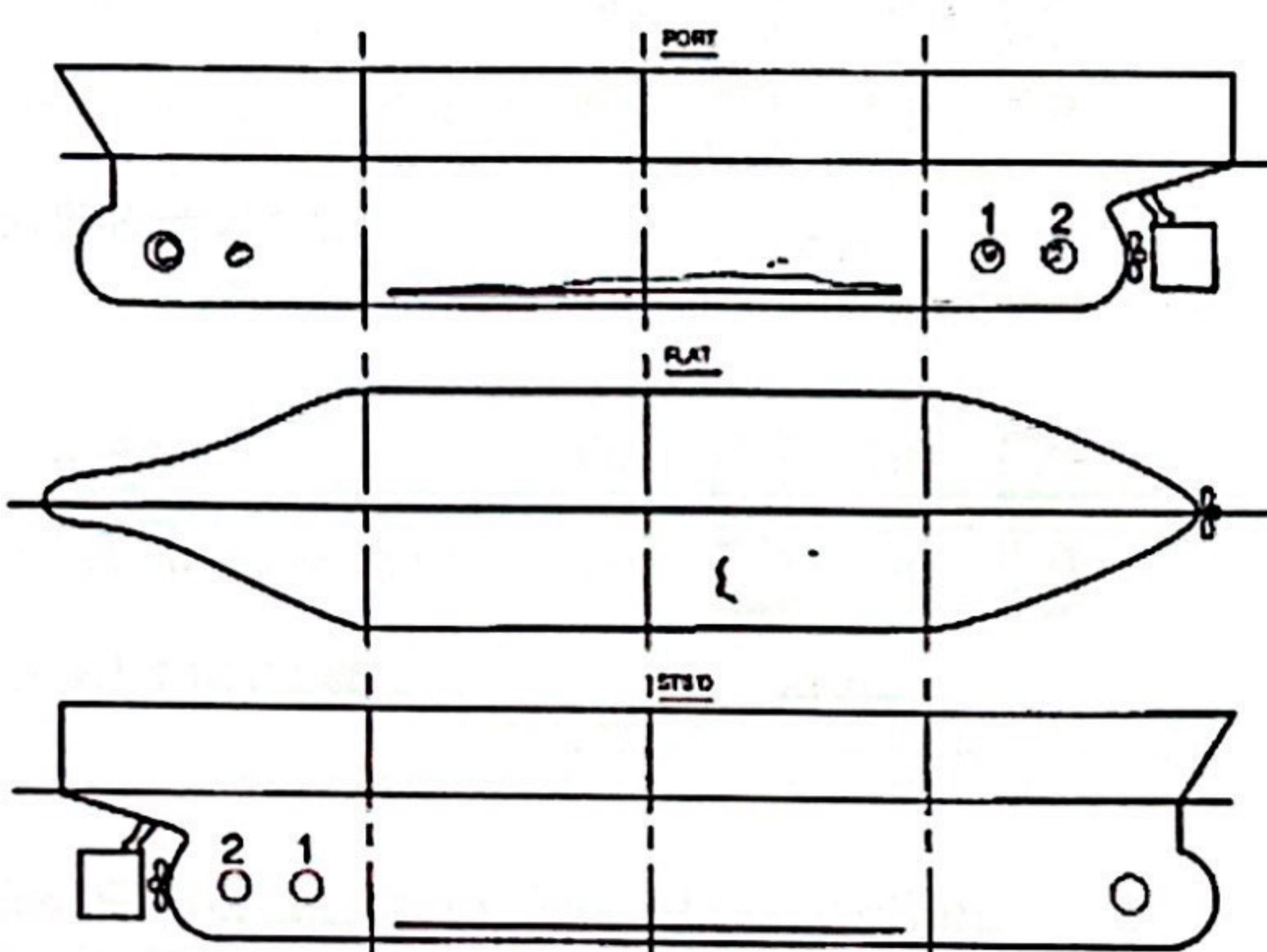
Condition of Weld Seams On Hull

Good Satisfactory Poor 

Any visible Cracks

Yes / Indicated In Drawing No 

### Hull Plating Below Waterline Damage Remarks Page



#### Remarks:

No Anomalies Sighted during time of inspection.



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### GENERAL HULL ASSESSMENT

#### BILGE KEEL

No. of Sections Each Side: 4

Port Bilge Keel :	Any Anodes on Bilge Keel	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
	Any Damage	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
	Any Cracks on Weld Joint	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Anodes % Remaining			<u>40%</u>
Stbd Bilge Keel :	Any Damage	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
	Any Cracks on Weld Joint	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
	Anodes % Remaining	<u>40%</u>	

Remarks:

No Anomalies Sighted during time of inspection.

### SEA CHEST GRATINGS

Number of sea chest Port 2 Starboard 2+1

Type	Swing Door Hinge	<input checked="" type="checkbox"/>	Bolted	<input checked="" type="checkbox"/>	welded <input type="checkbox"/>
Gratings	Intact	<input checked="" type="checkbox"/>	Defective	<input type="checkbox"/>	
Condition	Good	<input checked="" type="checkbox"/>	Defective	<input type="checkbox"/>	
Seizing wires	Intact	<input checked="" type="checkbox"/>	Non Intact	<input type="checkbox"/>	

Remarks: No Anomalies Sighted during time of inspection.



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### GENERAL HULL ASSESSMENT

#### STERN FRAME ARCH AREA

General Casting Condition	Good <input checked="" type="checkbox"/>	Defective <input type="checkbox"/>	
Weld Seam to Rudder	Good <input checked="" type="checkbox"/>	Defective <input type="checkbox"/>	
Weld Seam To Hull	Good <input checked="" type="checkbox"/>	Defective <input type="checkbox"/>	
Weld Seam to Skeg	Good <input type="checkbox"/>	Defective <input type="checkbox"/>	N.A. <input checked="" type="checkbox"/>

Remarks: No Anomalies Sighted during time of inspection.

### RUDDER

Rudder Horn Any Visible Damage	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>		
Rudder Stock Any Visible Damage	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>		
Plate Condition	Good <input type="checkbox"/>	Satisfactory <input checked="" type="checkbox"/>	Poor <input type="checkbox"/>	Damage <input type="checkbox"/>
Any Visible Cracks	Yes / indicated in drawing <input type="checkbox"/>	No <input checked="" type="checkbox"/>		
Rudder Plugs Nos:	1	Intact <input checked="" type="checkbox"/>	Not Intact <input type="checkbox"/>	
Rudder Pintle Clearance Taken	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N.A. <input checked="" type="checkbox"/>	

#### Top Reading:

Forward	1	_____
	2	_____
Starboard	3	_____
	4	_____
Aft	5	_____
	6	_____
Port	7	_____
	8	_____

#### Bottom Reading:

Forward	1	_____
	2	_____
Starboard	3	_____
	4	_____
Aft	5	_____
	6	_____
Port	7	_____
	8	_____



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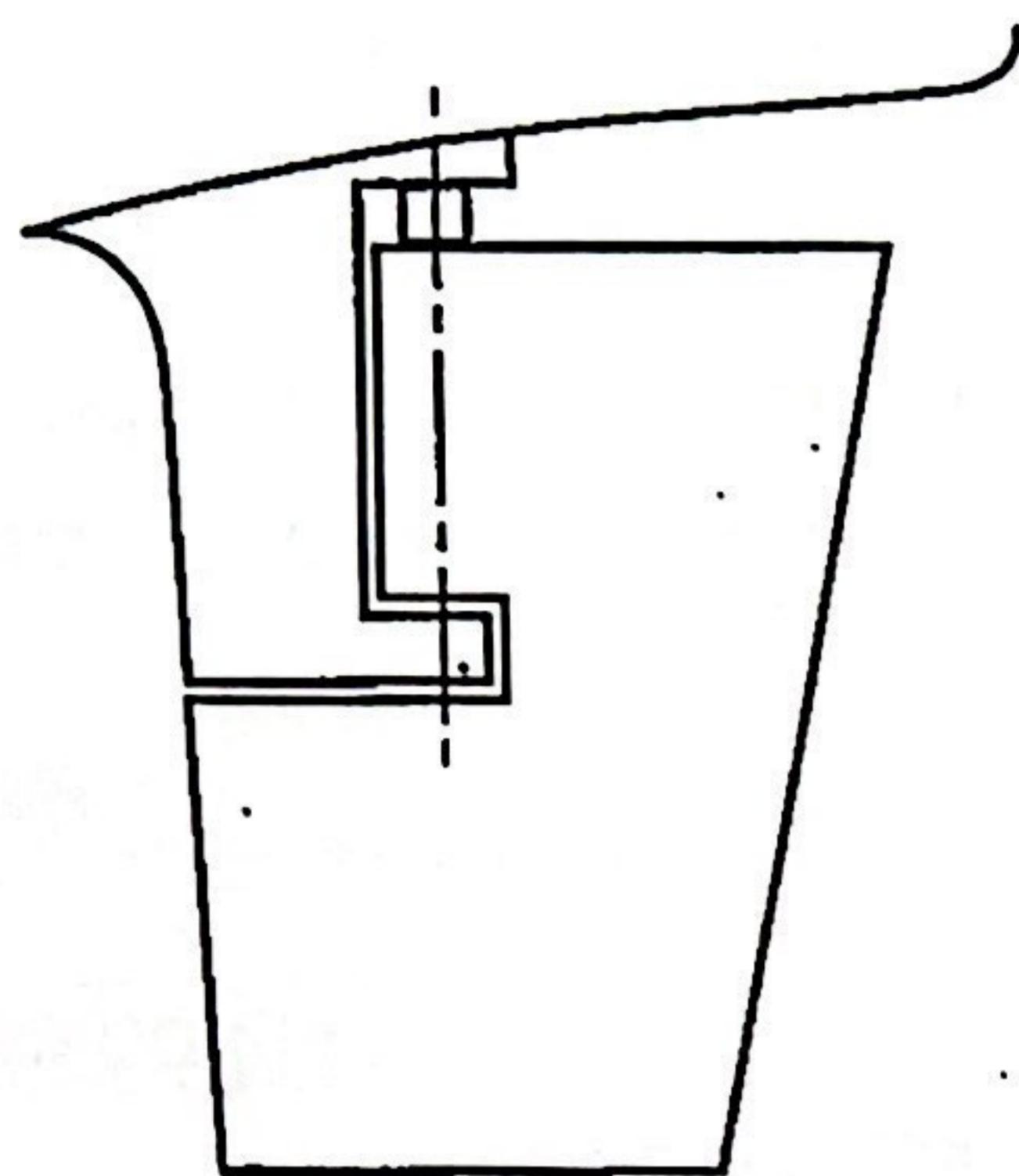
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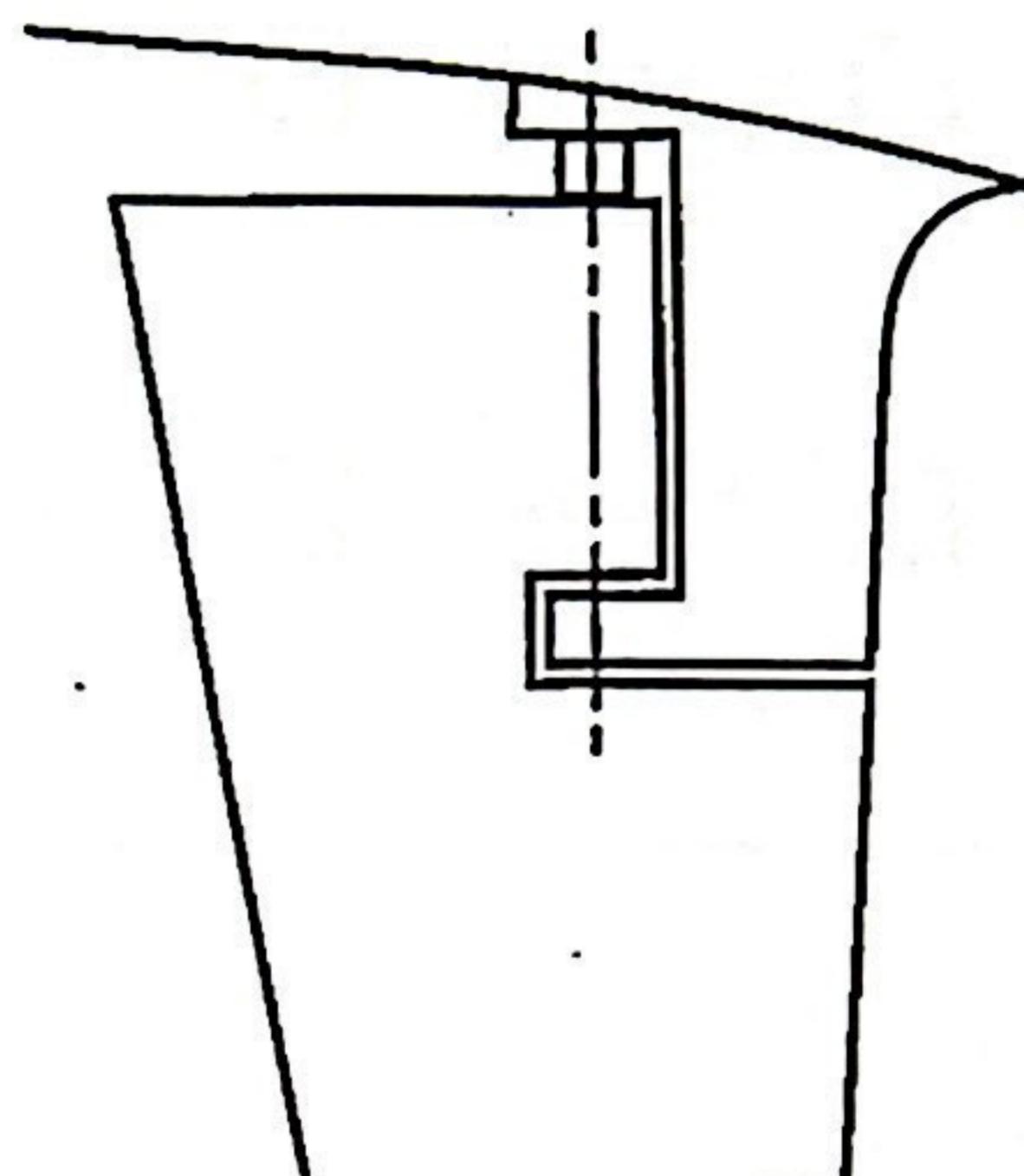
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PORT



STB'D

**Remarks:**

No Anomalies Sighted during time of inspection.

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### THRUSTERS

Bow Thrusters	Yes	<input type="checkbox"/>	N.A.	<input checked="" type="checkbox"/>		
No. of Blades:			Blade Condition	Good	<input type="checkbox"/>	Defective <input type="checkbox"/>
Any Visible Oil Leak	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>		
Grating Condition	Good	<input type="checkbox"/>	Defective <input type="checkbox"/>	Bolted <input type="checkbox"/>	<input type="checkbox"/>	Welded <input type="checkbox"/>

Remarks: N/A

### ROPE GUARD COVER

Condition	Good	<input checked="" type="checkbox"/>	Defective	<input type="checkbox"/>
Type	Welded	<input checked="" type="checkbox"/>	Bolted <input type="checkbox"/>	Access Hole Top <input checked="" type="checkbox"/> Bottom <input checked="" type="checkbox"/>
Are Cutters Intact	Yes	<input checked="" type="checkbox"/>	No <input type="checkbox"/>	N.A <input type="checkbox"/>

Remarks: No Anomalies Sighted during time of inspection.

### PROPELLER

Diameter: 6.0 M      No. of Blades: 4  
Type: Single  Twin  Pitch

#### PRE & POST PROPELLER POLISHING CONDITION:

##### Pressure Side (Rupert Scale Comparator Gauge)

Blade	1(A)	2(B)	3(C)	4(D)	5(E)	6(F)
Location						
Remarks						

##### Suction Side (Rupert Scale Comparator Scale Gauge)

Blade	1(A)	2(B)	3(C)	4(D)	5(E)	6(F)
Location						
Remarks						



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### PROPELLER

Blade Condition	Good <input checked="" type="checkbox"/>	Fair <input type="checkbox"/>	Poor <input type="checkbox"/>
Bolting Assembly Intact	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N.A. <input checked="" type="checkbox"/>

### DESCRIPTION

Pittings	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	
Cavitation / Erosion	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	
Tears	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	
Cracks	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	
Previous Repairs	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	
Any Oil Leak from Blade Seal	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N.A. <input checked="" type="checkbox"/>

### BOSS CONE

Condition	Good <input checked="" type="checkbox"/>	Detective <input type="checkbox"/>	
Cement Covers	Intact <input checked="" type="checkbox"/>	Missing <input type="checkbox"/>	N.A. <input type="checkbox"/>
Bolting Assembly	Intact <input type="checkbox"/>	Missing <input type="checkbox"/>	Covered <input checked="" type="checkbox"/>

### PROPELLER SHAFT

Any Oil Leaking From Shaft	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Any Damage To Tail shaft Assembly	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Any Entanglement On Shaft	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
If Yes, Has It Been Removed	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Tail Shaft Clearance Taken	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Top Reading:	N/A	MM
Bottom Reading:	N/A	MM
Have The Plugs Been Re-Secured	Yes <input type="checkbox"/>	No <input type="checkbox"/>



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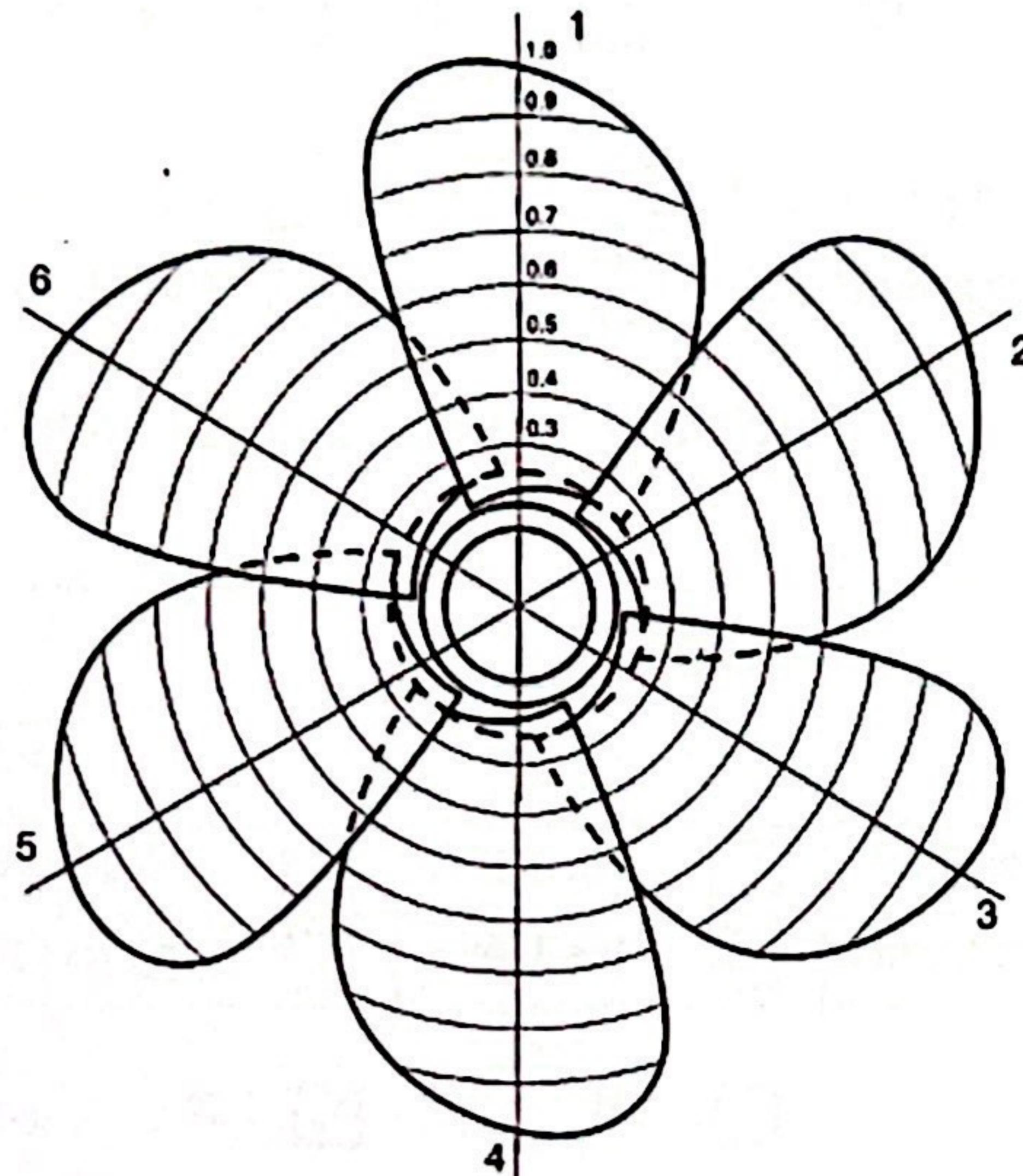
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### PROPELLER SKETCH REMARKS SHEET



#### PROPELLER CONDITIONS REMARKS:

Blade 1(A) : No Anomalies Sighted during time of inspection.

Blade 2(B) : No Anomalies Sighted during time of inspection.

Blade 3 (C) : No Anomalies Sighted during time of inspection.

Blade 4 (D) : No Anomalies Sighted during time of inspection.

Blade 5 (E) : N/A



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### CATHODIC PROTECTION SYSTEM

Sacrificial Anodes: Located FWD  Mid  Aft  Rudder:

Percentage Remaining: 30%

Port ICCP: Located FWD  Aft  Any Damage: Yes  No:

Starboard ICCP: Located FWD  Aft  Any Damage: Yes  No:

Remarks: No Anomalies Sighted during time of inspection.

### POST CLEANING REMARKS

Hull Cleaning Performed:	Port Side	<input checked="" type="checkbox"/>	STBD Side	<input checked="" type="checkbox"/>	Flat Btm	<input checked="" type="checkbox"/>	Rudder	<input checked="" type="checkbox"/>
	Sea Chest Gratings	<input checked="" type="checkbox"/>	Bilge Keel	<input checked="" type="checkbox"/>	Thruster(s)	<input type="checkbox"/>		

Successful Completion of Cleaning YES  NO

Post Cleaning Inspection YES  NO

REMARKS:

NIL



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### OPERATIONAL DETAILS

Workboat Time Alongside:

0430hrs

Departed:

Total Hours Polishing / Cleaning / Inspection / Class Survey / Repairs:

Daytime  Night Time  Weekend  Holiday 

Hours Not in Service

Net time of Polishing / Cleaning / Inspection / Class Survey / Repairs:

This is to certify that the Job Assignment has been satisfactorily completed as to the best of my ability.

Comments: JOB SCOPE COMPLETED:

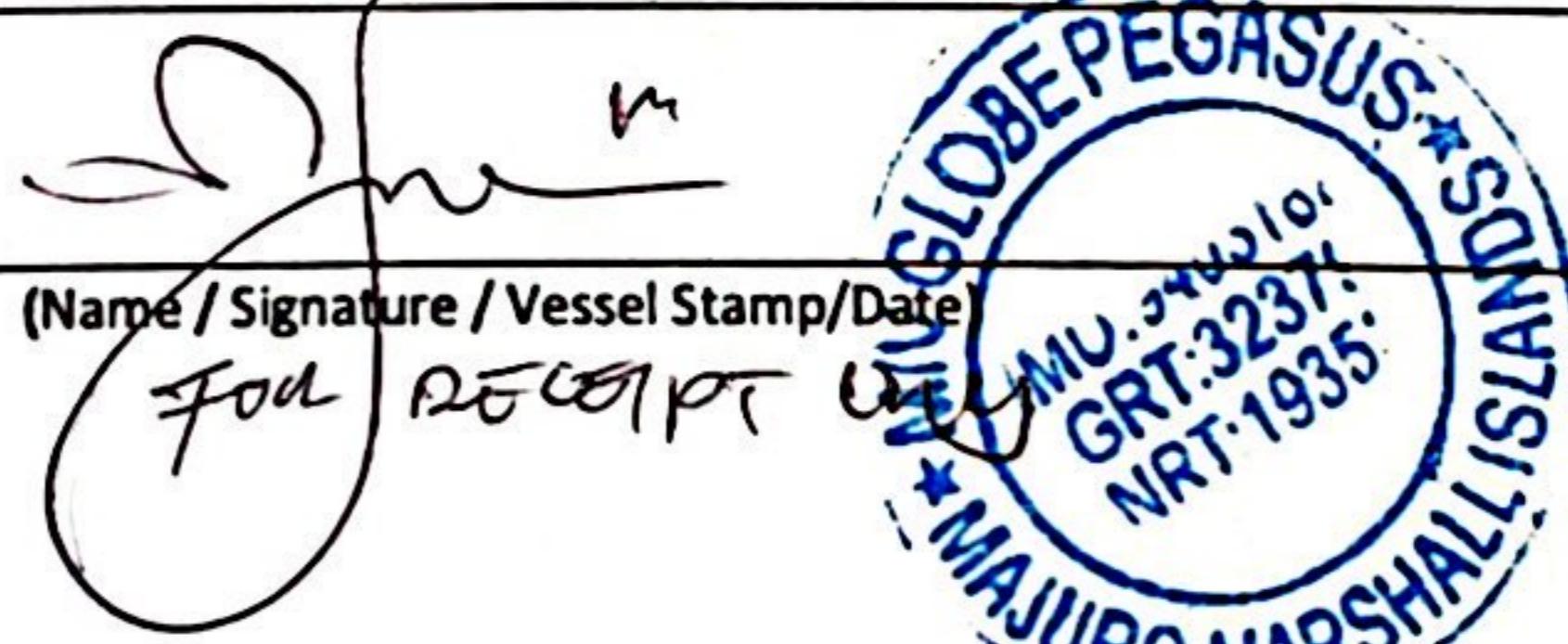
1. IN-WATER GENERAL INSPECTION

2. FULL HULL CLEANING

INCLUDES BILGE KEEL CLEANING, SEA-CHEST GRIDS CLEANING, RUDDER CLEANING

3. POLISHING OF PROPELLER

Master's Endorsement



Class Surveyor Acknowledgement

(Name / Stamp/Date)



Diving Supervisor Acknowledgement

Shafiq Ismawan

12/11/2023

(Name / Stamp/Date)