

SML

EX - HMAS SHEPPARTON



DISPOSAL/SAFE TO TOW INSPECTION REPORT

JULY 2023

Report No: TS-C R 1549/01
Issue Date: 24th July 2023

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Report Title:	EX-HMAS SHEPPARTON Disposal/Safe to Tow Inspection Report
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Client:	HSPO
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Client Contact:	Mr. Christopher Spiro
Client Reference:	HSPO Purchase Order No: 4501185926

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REVISIONS				
Revision	Issue Date	Comment	Prepared By	Approved By
0	24/07/2023	Original	A. Klein	L. Daley

DISTRIBUTION			
Revision	Client	Recipient	Comment
Revision 0	HSPO	Christopher Spiro	Electronic Copy
Revision 0	DNE-SSC	DNE - Ships Structure Cell	Electronic Copy


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SECTION 1:

NAVAL HULL INSPECTORS “**SUMMARY REPORT**” AND ATTACHMENTS

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<p align="center">SML</p> <p align="center">EX-HMAS SHEPPARTON</p> <p align="center">Disposal Hull Inspection</p> <p align="center">Report No TS-C R 1549/01</p>		<p>Rolling Inspection Period:</p> <p>From: 06-July-2023</p> <p>To: 20-July-2023</p>
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1.0 INTRODUCTION

- 1.1 The following summary report relates to Survey Motor Launch (SML) EX-HMAS SHEPPARTON's Disposal/Safe to Tow Hull Inspection conducted alongside at HMAS Cairns Naval Base.
- 1.2 The inspection was conducted IAW the information provided by HSPO for the ex-HMAS SHEPPARTON's Safe for Tow Certification requirements.
- 1.3 The inspections were carried out for HSPO by G.A. Glanville & Co Naval Hull inspector Mr Adam Klein (AJK) with the assistance of Mr Neil Robinson.
- 1.4 The standard of inspection, condition rating and reporting is in accordance with ANP4412-4315-4 Naval Hull Inspection Publication. An overview of compartment ratings and cleanliness is shown in Attachment B of this report.

2.0 SCOPE OF WORK

- 2.1 The scope of work was to provide part of the required assurance that ex-HMAS SHEPPARTON met the basic requirements for Safe to Tow Certification following the disposal process. Assurance was achieved by conducting inspections throughout the vessel's compartments during the final stages of equipment removal to confirm the vessel's Watertight and Structural integrity. Below is a list of all items checked and witnessed IAW HSPO request.

- NHI to confirm all water and weather tight doors, hatches and scuttles are tight by inspection.
- All tank manhole covers, and pipe or sensor blanks are in place and secured.
- All overboard inlet and discharge valves (screw down non-returning type valves) are to be isolated, tagged out and lashed to prevent opening.
- All tanks and associated valves are to be isolated, and the valves tagged out and lashed to prevent opening.
- Any cross connected tanks and associated valves are also to be isolated, and the valves tagged out and lashed to prevent opening.
- Where valves have been harvested, a metal blanking plate is to be installed to prevent opening.
- The fire main is to be drained, isolated, and tagged out.
- Propeller shafts are secured from rotation and positively located fore/aft.
- Confirm that all bollards are sound/intact.

3.0 INSPECTION LIMITATIONS

- 3.1 No Tanks were inspected internally during the course of inspection. Liquid state of tanks was confirmed by CPO Christopher Spiro for DNE purposes.

4.0 OBSERVATIONS

- 4.1 Cleanliness - With the exception of the Engine Room bilges, general cleanliness of remaining bilges following completion of inspection task was rated as "Good" IAW the ANP4412-4315-4. The Fwd section of the Port & Stbd Engine Room C.L bilge was contaminated with minor oily waste "Fair".

5.0 RESULTS OF INSPECTION

- 5.1 WT doors & hatches were chalked tested with the majority of seals confirmed to be achieving 100% contact to edges and coamings. See below list for doors and hatches where seals were damaged or not achieving 100% contact:

- *Main passage 1C-00 Aft WT door Fr. 18 on C.L* – sealing rubber not contacting edge coaming IWO Port upper corner.
- *WT Door for AC compartment 1CZ4 Fr. 18* – sealing rubber not contacting edge coaming IWO locking tabs.
- *Port Engine Room Aft supply air vent flap* – Rubber seal not achieving contact due to misalignment to edge sealing surface on vent.
- *Stbd Engine Room supply air vent flaps* - Rubber seals not achieving 100% contact to edge of coaming.

Main passage 1C-00 Aft WT door Fr.18 on C.L



WT Door for AC compartment 1CZ4 Fr.18



Port Engine Room Aft supply air vent flap



Stbd Engine Room supply air vent flaps



5.2 All goose neck vent pipe flaps on Port and Stbd waists and Aft Deck where inspection with the majority confirmed to be in operable condition with the exception to the below listed vents which where seized IWO Hinge/bolting arrangements:

- *Goose neck vent pipe Port of C.L Fr.36 – Fr.37 adjacent to house Bhd structure – Hinge/Bolting arrangement seized*
- *Goose neck vent pipe Stbd of C.L Fr.35 – Fr.36 adjacent to house Bhd structure – Hinge/Bolting arrangement seized*
- *Goose neck vent pipe Stbd of C.L Fr.48 – Fr.49 adjacent to house Bhd structure – Hinge/Bolting arrangement seized*

Goose neck vent pipe Port of C.L Fr.36 – Fr.37



Goose neck vent pipe Stbd of C.L Fr.35 – Fr.36



Goose neck vent pipe Stbd of C.L Fr.48 – Fr.49



5.3 Overboard discharge valves (screw down non-return type) were closed and lashed with heavy duty cable ties and fitted with isolation tags with the exception of the below listed valves:

- *TDFLS sea tube vent valve Port of C.L* – Valve not lashed or fitted with isolation tag.
- *Overboard discharge valve loacted in Armoury Port of C.L* - Valve not lashed or fitted with isolation tag.
- *Port Engine Room Sea chest Vent Valve* - Valve not lashed or fitted with isolation tag.
- *Stbd Engine Room Sea chest Vent Valve* - Valve not lashed or fitted with isolation tag.

TDFLS sea tube vent valve Port of C.L



Overboard discharge valve loacted in Armoury Port of C.L



Port & Stbd Engine Room Sea chest Vent Valves



Sonar Cable Conduits Blanked & Sealed Stbd of C.L Fr.32 – Fr.33



- 5.4 Tank lids were checked and confirmed that all fastenings were fitted. See below indicative photos of tank lids. See indicative photos below.



- 5.5 Firemain were opened, drained, and isolated following inspection. Isolation of firemain system was conducted at the main sea inlet intakes.
- 5.6 Propeller shafts brakes in Port and Stbd engine Rooms were confirmed to be in the locked position prevent rotation and Fwd and Aft movement. See indicative photographs below:

Port Side Shown



Stbd Side Shown



- 5.7 All bollards on the Forecastle, waists and Aft main deck were visually checked and intact. See indicative photographs below:



- 5.8 Rudder securings were inspected as part of Shepparton's Safe to Tow checklist *section 3.g* and were witnessed to be secured by ships original mechanical configuration.

6.0 GENERAL COMMENTS

- 6.1 Attachment A (1, 2 & 3) are provided for completeness, based on the operational requirements for a commissioned RAN vessel. They are included within this report for disclosure of the known hull material state at the time of decommissioning.
- 6.2 For the status of compartments at completion of the preparation period refer to Attachment A (1, 2 & 3) & the Hull Maintenance Summary at Attachment B.
- 6.3 The list of known hull defects at the time of decommissioning is contained in Attachment C, noting the context in paragraph 6.1. The Indicative Code & Instructional Priority determined IAW the requirements of Attachment A-1 are not applicable in the context of a disposal activity; they serve as a record of the relative severity of known defects only.

ATTACHMENT A-1

HULL INSPECTION DEFECT REPORT EXPLANATORY NOTES

(extracts from ANP4412-4315-4 Ch5)

Individual Defect Categorisation

All hull examination/inspection defects are categorised by combining both the Indicative Code and Instructional Priority. The Instructional Priority identifies the relative severity of the defect, based on its mode of failure e.g. fracture, deformation, corrosion, and coating failure.

Indicative Code/Instructional priority forms the basis of managing all defects arising from hull examination/inspection. The determination of the Indicative Code and Instructional Priority for each defect is the judgement recorded by the NHI as follows:

Indicative Code classifies each defect according to the structural function:

DPs	Defect Primary Structure
DSs	Defect Secondary Structure
DMs	Defect Minor Structure
Sys	Defect in ship system or fitting
WHS	Defects with Work Health and Safety Ramifications

Instructional Priority provides a measure of relative severity of the individual defect as follows:

IP1	Defect presents a 'Very High' level of risk. Immediate and urgent action required almost always involving URDEF procedure. Defect in primary structure that severely compromises the vessels capability and seaworthiness.
IP2	Defect presents a 'High' level of risk. Defect in primary or secondary structure which must be actioned at the next maintenance availability. Defect must be regularly monitored pending permanent repair.
IP3	Defect presents a 'Medium' level of risk; defects must be regularly monitored pending permanent repair.
IP4	Defect presents a 'Low' level of risk and within the capability of ship's staff to action.
IP5	Defect with WHS consequences; ship's staff to undertake a safety hazard risk assessment (HRA) to determine level of risk.
IP6	Defect presents a 'Very Low' level of risk; no remedial action required, recorded for historical reference only.

ATTACHMENT A-2

HULL MAINTENANCE SUMMARY EXPLANATORY NOTES

(extracts from ANP4412-4315-4 Ch5)

Aggregated Defects Categorisation

When there are a number of structure defects identified within the same compartment, or watertight subdivision, an assessment of the aggregated impact to capability or seaworthiness needs to be undertaken. The NHI will provide a HIDRR for defects identified within a compartment. At the end of the inspection period the NHI will provide a compartment summary to the SPO and ship, listing all known defects and the aggregated assessment of these defects against the capability/seaworthiness of the compartment.

SPO and ship are to utilize the compartment aggregate assessment summary, to guide the action and prioritisation (URDEF/TM200) of defects. The DNE-SSC will take the compartment aggregate assessment summary into consideration when reviewing the vessel's TH118 certification.

To ensure a consistent approach to the compartment aggregated assessment summary, the table below provides guidance as to the hull and structure impact on both capability or seaworthiness.

Rating		Defect Status
Poor		<ol style="list-style-type: none">1. Defects in these compartments which have caused a breach of watertight integrity and/or loss of structural strength.2. A number of serious defects that are close to breaching watertight integrity and have suffered a loss of strength.3. Compartment where unauthorized configuration changes have been detected and that these changes have adversely affected structural integrity and/or loss of structural strength.
Fair		<ol style="list-style-type: none">1. Defects in primary or secondary structure (IP2) in compartment or adjacent compartment.2. Impacted by multiple defects (IP3) in compartment.3. Other observed defects in minor structure or ship systems (e.g. pipe work) that may adversely impact on Capability and/or Seaworthiness.
Good		<ol style="list-style-type: none">1. No defects found.2. Defects that exist do not represent a major threat to the structural strength or watertight integrity.

ATTACHMENT A-3

CLEANLINESS OF MACHINERY SPACES AND BILGES EXPLANATORY NOTES

(extracts from ANP4412-4315-4 Ch5)

The cleanliness of compartments must be confirmed by the NHI in accordance with Table below and reported against the relevant compartment in the Compartment Assessment.

Accumulation of debris, sediment, salts or other foreign material will detract from overall quality of the vessel inspection as well as having the following negative impacts:

- Assessment of the true condition of the structure may be impaired with a higher likelihood of unidentified defects;
- An increased likelihood of coating breakdown and onset of corrosion;
- De watering of the space will become more difficult;
- Increased likelihood for fouling of the bilge suctions, particularly when needed in an emergency; and
- Foreign objects such as nuts and bolts are likely to cause a dissimilar metal reaction.

Cleanliness Rating and Rating Consequence

Cleanliness Rating for a Compartment	Rating	Consequence
Inspection achievable noting: <ul style="list-style-type: none"> Fitted pipework & machinery may impact accessibility for close up visual inspection. 	Good	Inspection complete with compartment & bilges dry with no sediment or trade waste.
Inspection limited by the following: <ul style="list-style-type: none"> Local presence of liquids/debris/oil coatings/trade waste, Small quantities of clean water, Build-up of sediment covering less than 20% of the plate area. 	Fair	Inspection incomplete Ship's staff implement cleaning regime to allow inspection, or inspection periodicity shortened as directed by DNE-SSC until inspection rating 'Good' is achieved.
Unable to inspect bilge due to any of the following: <ul style="list-style-type: none"> Global presence of liquids/debris/heavy oil coatings/trade waste, Brackish water of any depth lying in the bilge, Build-up of sediment covering more than 20% of the plate area. 	Poor	Inspection cannot be commenced Bilges to be cleaned to allow conduct of inspection within current availability. External support & assistance may be required to implement cleaning regime to allow inspection.

Before an inspection is conducted a minimum cleanliness rating of 'Fair' must be achieved. The bilges should always be maintained at a cleanliness rating of 'Good'.

Attachment B HMAS SHEPPARTON Hull Maintenance Summary												
Compartment Inspection Summary						Defect Summary Against Compartment						
Name	No	Inspection Date	Next Inspection	Status	Notes	Date	Defect ID	Re v	Compt No	Cod e	Pty	Short Description
Paint-Below Waterline-External	3-PaintBWL	07-Feb-23	07-Aug-25	Good	EMP 18/02 - Full refurbishment of anti-foul preservation coating completed during EMP. EMP 23/01 - Global antifoul preservation coating completed during EMP. Entry by AJK							
Fore Peak Stbd	3A1	27-Jul-22	27-Jul-24	Good	EMP 22/02 - Bilge cleanliness rating good. Compartment inspected by JSL.							
Fore Peak Port	3A2	27-Jul-22	27-Jul-24	Good	EMP 22/02 - Bilge cleanliness rating good. Compartment inspected by JSL.	01-Nov-19	SHEP-190049-ABL	0	3A2	Sys	6	Suspect Corrosion - Keel Cooling Cross-Over pipe Fr 49-50
F/O Tank (Port)	3B2	28-Apr-22	28-Apr-24	Good	EMP 22/01 - Cleanliness rating good. Entry by JSL.							
F/O Tank (Stbd)	3BA1	28-Apr-22	28-Apr-24	Good	EMP 22/01 - Cleanliness rating good. Entry by JSL.	21-Feb-19	SHEP-190001-ABL	0	3BA1	DPs	6	Deformation - Fr 48
						21-Feb-19	SHEP-190003-ABL	0	3BA1	DPs	6	Corrosion Pitting - Stbd Keel Plate Fr 36-49.
Sonar Trunk	3B2-00	07-Feb-23	07-Feb-25	Good	EMP 23/01 - Sonar trunk sealed & filled with water upon docking. Entry by AJK							
Coffer Dam	3BZ1	29-Apr-22	29-Apr-24	Good	EMP 22/01 - Cleanliness rating good. Entry by JSL.							
Sonar Compartment	3CA1	20-Jan-23	20-Jan-25	Good	EMP 21/02 - Sonar upgrade fitted during slipping. EMP 22/01 - Cleanliness rating good. Entry by AJK							
Void	3CA2	28-Jul-22	28-Jul-24	Good	EMP 22/02 - Compartment inspected by JSL.							
Void	3CB1	28-Jul-22	28-Jul-24	Good	EMP 22/02 - Compartment inspected by JSL.							
Fresh Water Tank	3CB2	20-Jul-22	20-Jul-24	Good	EMP 18/02 - Full refurbishment of F/W tank during EMP. EMP 22/02 - Cleanliness rating good. Compartment inspected by JSL.							
Fresh Water Tank	3CC1	20-Jul-22	20-Jul-24	Good	EMP 18/02 - Full refurbishment of F/W tank during EMP. EMP 22/02 - Cleanliness rating good. Compartment inspected by JSL.							
Void	3CY1	28-Apr-22	28-Apr-24	Good	EMP 22/01 - Cleanliness rating good. Entry by JSL.							
Void	3CY2	28-Apr-22	28-Apr-24	Good	EMP 22/01 - Cleanliness rating good. Entry by JSL.							
Port Skeg	3-Skeg (P)	07-Feb-23	07-Aug-25	Good	EMP 20/01 - New stern tubes, prop shafts & mechanical seals fitted. Entry by ABL. Inspected during EMP 23/01 IAW TH107. Entry by AJK							

Starboard Skeg	3-Skeg (S)	07-Feb-23	07-Aug-25	Good	EMP 20/01 - New stern tubes, prop shafts & mechanical seals fitted. Entry by ABL. Inspected during EMP 23/01 IAW TH107. Entry by AJK								
Oily Water Tank	3CZ1	30-Jan-23	30-Jan-24	Good	EMP 23/01 - Cleanliness rating good. Entry by AJK								
Oily Water Tank	3CZ2	30-Jan-23	30-Jan-24	Good	EMP 23/01 - Cleanliness rating good. Entry by AJK								
Port Engine Room	3D (P)	18-Jan-23	18-Jan-24	Good	EMP 20/01 - Global preservation repair to bottom shell plate. EMP 23/01 - Bilge cleanliness rating good. Entry by AJK	18-Jan-23	SHEP-230012-AJK	0	3D (P)	DPs	4	Paint Failure & Corrosion - General Structure	
						18-Jan-23	SHEP-230015-AJK	0	3D (P)	DPs	4	Corrosion Wastage - Side Shell Plate	
						18-Jan-23	SHEP-230014-AJK	0	3D (P)	DMs	3	Corrosion Wastage - Deck Tread Support Angle	
Stbd Engine Room	3D (S)	18-Jan-23	18-Jan-24	Good	EMP 20/01 - Global preservation repair to bottom shell plate. EMP 23/01 - Bilge cleanliness rating good. Entry by AJK								
Port Rudder	3-Rudder (P)	14-Jun-21	14-Dec-23	Good	EMP 21/02 - Inspected IAW TH107.								
Starboard Rudder	3-Rudder (S)	14-Jun-21	14-Dec-23	Good	EMP 21/02 - Inspected IAW TH107.								
Port Naval Stores	2B (P)	16-Feb-23	16-Feb-24	Good	EMP 23/01 - Cleanliness rating good AJK	17-Jan-23	SHEP-230029-AJK	0	2B (P)	DPs	4	Paint Failure & Corrosion - General Structure	
Stbd Naval Stores	2B (S)	16-Jan-23	16-Jan-24	Good	EMP 23/01 - Cleanliness rating good AJK	17-Jan-18	SHEP-180019-AWR	0	2B (S)	DPs	6	Deformation - Bhd/Fr 35	
						16-Jan-23	SHEP-230027-AJK	0	2B (S)	DMs	4	Obsolete Structure - Shelving Rack Brackets	
						16-Jan-23	SHEP-230026-AJK	0	2B (S)	DPs	4	Paint Failure & Corrosion - General Structure	
Sonar Compartment	2B-00	05-May-22	05-May-24	Good	EMP 22/01 - Compartment inspected by JSL.								
Paint Store	2BA1	21-Jul-22	21-Jul-24	Good	EMP 22/02 - Compartment inspected by JSL.								
Sewage Plant	2BZ2	14-Feb-23	14-Feb-24	Good	EMP 23/01 - Cleanliness rating good AJK								
Stair Fwd Stbd	1/2C 1FWD	16-Jan-23	16-Jan-26	Good	EMP 23/01 - Cleanliness rating good AJK								
Stair Fwd Port	1/2C 2FWD	16-Jan-23	16-Jan-26	Good	EMP 23/01 - Cleanliness rating good AJK								
Sonar Access	2CA1	17-Feb-23	17-Feb-26	Good	EMP 23/01 - Cleanliness rating good AJK								
Locker	2CA2	16-Jan-23	16-Jan-26	Good	EMP 23/01 - Cleanliness rating good AJK								
Passage Port	2C-Passage	16-Jan-23	16-Jan-26	Good	EMP 23/01 - Cleanliness rating good AJK								
Passage Stbd	2C-Passage	16-Jan-23	16-Jan-26	Good	EMP 23/01 - Cleanliness rating good AJK								
Tunnel Aft Port	2C-TunnelAft	24-Jan-23	24-Jan-25	Good	EMP 23/01 - Cleanliness rating good AJK								
Tunnel Aft Stbd	2C-TunnelAft	24-Jan-23	24-Jan-25	Good	EMP 23/01 - Cleanliness rating good AJK								
Sailor's Cabin (3)	2CB1	16-Jan-23	16-Jan-26	Good	EMP 23/01 - Cleanliness rating good AJK.	16-Jan-23	SHEP-230021-AJK	0	2CB1	Sys	3	Loose Fasteners - Deckhead AC Vent	
Sailor's Cabin (3)	2CB2	16-Jan-23	16-Jan-26	Good	EMP 23/01 - Cleanliness rating good AJK.								
Sailor's Cabin (4)	2CY1	16-Jan-23	16-Jan-26	Good	EMP 23/01 - Cleanliness rating good AJK.	16-Jan-23	SHEP-230020-AJK	0	2CY1	Sys	3	Loose Fasteners - Deckhead AC Vent	

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Senior Sailor's Cabin (2)	2CY2	16-Feb-23	16-Feb-26	Good	EMP 23/01 - Cleanliness rating good AJK.	16-Feb-23	SHEP-230019-AJK	0	2CY2	Sys	3	Loose Fasteners - Deckhead AC Vent
Storage Locker	2C-Locker (S)	16-Jan-23	16-Jan-26	Good	EMP 23/01 - Cleanliness rating good AJK.							
Storage Locker	2C-Locker (F)	16-Jan-23	16-Jan-26	Good	EMP 23/01 - Cleanliness rating good AJK.							
Stair Aft Stbd	1/2C 1AFT	16-Jan-23	16-Jan-25	Good	EMP 23/01 - Cleanliness rating good AJK.							
Stair Aft Port	1/2C 2AFT	16-Jan-23	16-Jan-26	Good	EMP 23/01 - Cleanliness rating good AJK.							
Senior Sailor's Cabin (1)	2CC2	16-Jan-23	16-Jan-26	Good	EMP 23/01 - Cleanliness rating good AJK.							
Beer Store	2C-BeerStore	25-Jul-22	25-Jul-25	Good	EMP 22/02 - Inspected by JSL.							
Sick Bay	2CZ1	17-Jan-23	17-Jan-26	Good	EMP 23/01 - Cleanliness rating good AJK.	17-Jan-23	SHEP-230031-AJK	0	2CZ1	Sys	3	Loose Fasteners - Deckhead AC Vent
Cool/Cold Store	2CZ2	16-Feb-23	16-Feb-26	Good	EMP 20/01 - New cool/cold room installed. EMP 23/01 - Cleanliness rating good AJK.							
Fuel Tank	3D-00	30-Jan-23	30-Jan-25	Good	EMP 23/01 - Compartment inspected, cleanliness rating good. Entry by AJK							
Aft Peak	2E	17-Jan-23	17-Jan-25	Good	EMP 23/01 - Compartment inspected, cleanliness rating good. Entry by AJK.	17-Jan-23	SHEP-230032-AJK	0	2E	DPs	4	Paint Failure, Corrosion & Detachment - Aft Peak Port
Chain Locker Stbd	2A1	27-Jul-22	27-Jul-24	Good	EMP 18/02 - Full refurbishment of compartment during EMP. EMP 22/02 - Compartment inspected by JSL.							
Chain Locker Port	2A2	27-Jul-22	27-Jul-24	Good	EMP 18/02 - Full refurbishment of compartment during EMP. EMP 22/02 - Compartment inspected by ABL.							
Paint-Weather Deck-Waterline-External	1-PaintAWL	29-Jul-22	29-Jul-24	Good	EMP 20/01 - Global preservation coating hull above W.L. EMP 22/02 - Inspected with vessel in water, in the shed at HMAS Cairns. Entry by JSL.							
Rope Locker (P)	2B-RopeLkr	14-Feb-23	14-Feb-26	Good	EMP 18/02 - Full refurbishment of deck plate & global preservation coating on remaining areas. EMP 23/01 - Compartment inspected, cleanliness rating good. Entry by AJK							
Rope Locker (S)	2B-RopeLkr	16-Jan-23	16-Jan-26	Good	EMP 18/02 - Full refurbishment of deck plate & global preservation coating on remaining areas. EMP 23/01 - Compartment inspected, cleanliness rating good. Entry by AJK							
Officer's Cabin	1CA1	17-Jan-23	17-Jan-26	Good	EMP 23/01 - Compartment inspected, cleanliness rating good. Entry by AJK							

Officer Bathroom	1CA1-00	01-Aug-22	01-Aug-24	Good	EMP 18/02 - Shower cubicle fully removed, deck below refurbished including new shower cubicle fibreglass bases installed. EMP 22/02 - Compartment inspected by JSL.								
Captain's Cabin	1CA2	17-Jan-23	17-Jan-26	Good	EMP 23/01 - Compartment inspected, cleanliness rating good. Entry by AJK								
Captain's Bathroom	1CA2-00	01-Aug-22	01-Aug-24	Good	EMP 18/02 - Shower cubicle fully removed, deck below refurbished including new shower cubicle fibreglass bases installed. EMP 22/02 - Compartment inspected by JSL.								
Space / Oilskins	1C-Store	17-Jan-23	17-Jan-26	Good	EMP 23/01 - Compartment inspected, cleanliness rating good. Entry by AJK.								
Port Waist	1C-Waist (P)	21-Jul-22	21-Jul-24	Good	EMP 22/02 - Waist deck inspected by JSL.								
Stbd Waist	1C-Waist (S)	21-Jul-22	21-Jul-24	Good	EMP 22/02 - Waist deck inspected by JSL.								
Main Passage	1C	16-Jan-23	16-Jan-26	Good	EMP 23/01 - Compartment inspected, cleanliness rating good. Entry by AJK								
Canteen	1CB2	17-Jan-23	17-Jan-26	Good	EMP 23/01 - Compartment inspected, cleanliness rating good. Entry by AJK								
Technical Library	1CB4	17-Jan-23	17-Jan-26	Good	EMP 23/01 - Compartment inspected, cleanliness rating good. Entry by AJK								
Wardroom	1CB1	16-Jun-20	16-Jun-23	Good	EMP 20/01 - Inspected by ABL.								
Stairs Fwd Port	01/1C	17-Jan-23	17-Jan-26	Good	EMP 23/01 - Compartment inspected, cleanliness rating good. Entry by AJK								
Senior Sailors Mess	1CC2	17-Jan-23	17-Jan-26	Good	EMP 23/01 - Compartment inspected, cleanliness rating good. Entry by AJK	17-Jan-23	SHEP-230030-AJK	0	1CC2	Sys	3	Loose Fasteners - Deckhead AC Vent	
Galley	1CX1	27-Jul-22	27-Jul-24	Good	EMP 22/02 - Compartment inspected by JSL.								
Senior Sailors Bathroom	1CX2	25-Jul-22	25-Jul-24	Good	EMP 18/02 - Shower cubicle fully removed, deck below refurbished including new shower cubicle fibreglass bases installed. EMP 22/02 - Compartment inspected by JSL.								
Junior Sailors Bathroom	1CY2	04-Aug-22	04-Aug-24	Good	EMP 18/02 - Shower cubicle fully removed, deck below refurbished including new shower cubicle fibreglass bases installed. EMP 22/02 - Compartment inspected by JSL.								
Junior Sailors Mess	1CY1	16-Jan-23	16-Jan-26	Good	EMP 23/01 - Compartment inspected, cleanliness rating good. Entry by AJK								

Report No. TS-C R 1549/01 Rev. 0 ■ EX-HMAS Shepparton ■ Disposal/Safe to Tow Inspection Report

Date of Issue: 24th July 2023

A/C Room	1CZ4	24-Jan-23	24-Jan-24	Good	EMP 20/01 - Compartment inspected by ABL. Substantial deck plate renewal & full refurbishment of preservation coating. Repair included all new deck penetrations. EMP 23/01 - Compartment inspected, cleanliness rating good. Entry by AJK.							
Instrument Workshop	1CZ1	24-Jan-23	24-Jan-26	Good	EMP 23/01 - Compartment inspected, cleanliness rating good. Entry by AJK	24-Jan-23	SHEP-230036-AJK	0	1CZ1	Sys	4	Loose Fasteners - Deckhead AC Vent
Laundry	1CZ2	21-Jul-22	21-Jul-24	Good	EMP 22/02 - Compartment inspected by JSL.							
Battery Room	1CZ3	17-Jan-23	17-Jan-25	Good	EMP 23/01 - Compartment inspected, cleanliness rating good. Entry by AJK							
Quarter Deck	1D-QuarterD	02-Aug-22	02-Aug-24	Good	EMP 22/02 Validation task WO Shore 21366. HIDRR SHEP-22017-JSL partial repaired. Port save all prserved yet Stbd left unattended.- Entry by JSL.							
Intake & Deck Store	1CZ5	24-Jan-23	24-Jan-25	Good	EMP 23/01 - Compartment inspected, cleanliness rating good. Entry by AJK							
Intake & Dive Store	1CZ6	24-Jan-23	24-Jan-25	Good	EMP 23/01 - Compartment inspected, cleanliness rating good. Entry by AJK							
Funnel Port	1D-Funnel (F	29-Apr-22	29-Apr-24	Good	EMP 22/01 - Compartment inspected by ABL.							
Funnel Stbd	1D-Funnel (S	28-Jul-22	28-Jul-24	Good	EMP 22/02 - Compartment inspected by JSL.							
Forecastle Deck	01A-FcsleDk	06-May-22	06-May-24	Good	EMP 22/01 - Inspected by ABL.							
Bridge Deck Port	01C-BridgeD	25-Jan-23	25-Jan-25	Good	EMP 23/01 - Deck inspected, cleanliness rating good. Entry by AJK							
Bridge Deck Stbd	01C-BridgeD	25-Jan-23	25-Jan-25	Good	EMP 23/01 - Deck inspected, cleanliness rating good. Entry by AJK	25-Jan-23	SHEP-230010-AJK	0	01C-Bridge	DMs	3	Corrosion wastage - Life Ring Cradle
Bridge	01C	16-Jan-23	16-Jan-26	Good	EMP 23/01 - Compartment inspected, cleanliness rating good. Entry by AJK	16-Jan-23	SHEP-230022-AJK	0	01C	DSs	4	Worn Striker Plates - Port & Stbd WT Door
						16-Jan-23	SHEP-230024-AJK	0	01C	DSs	4	Detached Linings - Bridge Deck Vinyl Coverings
Radio Room	01CZ2	30-Jan-23	30-Jan-26	Good	EMP 23/01 - Compartment inspected, cleanliness rating good. Entry by AJK							
Boat Deck	01C-BridgeD	25-Jan-23	25-Jan-26	Good	EMP 23/01 - Deck inspected, cleanliness rating good. Entry by AJK							
Flybridge	02C-Flybridg	20-Jul-22	20-Jul-24	Good	EMP 22/02 - Compartment inspected by JSL.							
Mast & Mast Deck	02C-Mast	01-Aug-22	01-Aug-24	Good	EMP 22/02 - Inspected by JSL.							

Attachment C

HMAS Shepparton - All Outstanding Hull Inspection Defects									
Date	Defect ID	Rev	Comp No	Ind Code	Ins Pty	Short Description	URDEF No	TM200 No	Comment
17-Jan-18	SHEP-180019-AWR	0	2B (S)	DPs	6	Deformation - Bhd/Fr 35			Monitor
21-Feb-19	SHEP-190001-ABL	0	3BA1	DPs	6	Deformation - Fr 48			Monitor
21-Feb-19	SHEP-190003-ABL	0	3BA1	DPs	6	Corrosion Pitting - Stbd Keel Plate Fr 36-49.			Monitor
1-Nov-19	SHEP-190049-ABL	0	3A2	Sys	6	Suspect Corrosion - Keel Cooling Cross-Over pipe Fr 49-50			Monitor
16-Jan-23	SHEP-230020-AJK	0	2CY1	Sys	3	Loose Fasteners - Deckhead AC Vent		WO-SHORE 63361	
16-Jan-23	SHEP-230021-AJK	0	2CB1	Sys	3	Loose Fasteners - Deckhead AC Vent		WO-SHORE 63361	
16-Jan-23	SHEP-230022-AJK	0	01C	DSs	4	Worn Striker Plates - Port & Stbd WT Door			
16-Jan-23	SHEP-230024-AJK	0	01C	DSs	4	Detached Linings - Bridge Deck Vinyl Coverings		WO-SHORE 63347	
16-Jan-23	SHEP-230026-AJK	0	2B (S)	DPs	4	Paint Failure & Corrosion - General Structure			
16-Jan-23	SHEP-230027-AJK	0	2B (S)	DMs	4	Obsolete Structure - Shelving Rack Brackets			
17-Jan-23	SHEP-230029-AJK	0	2B (P)	DPs	4	Paint Failure & Corrosion - General Structure			Pump replaced, monitor.
17-Jan-23	SHEP-230030-AJK	0	1CC2	Sys	3	Loose Fasteners - Deckhead AC Vent		WO-SHORE 63361	
17-Jan-23	SHEP-230031-AJK	0	2CZ1	Sys	3	Loose Fasteners - Deckhead AC Vent		WO-SHORE 63361	
17-Jan-23	SHEP-230032-AJK	0	2E	DPs	4	Paint Failure, Corrosion & Detachment - Aft Peak Port			
18-Jan-23	SHEP-230012-AJK	0	3D (P)	DPs	4	Paint Failure & Corrosion - General Structure		WO-SHORE 63358	
18-Jan-23	SHEP-230014-AJK	0	3D (P)	DMs	3	Corrosion Wastage - Deck Tread Support Angle			SS to rectify
18-Jan-23	SHEP-230015-AJK	0	3D (P)	DPs	4	Corrosion Wastage - Side Shell Plate			Inspected and preserved. Monitor
24-Jan-23	SHEP-230036-AJK	0	1CZ1	Sys	4	Loose Fasteners - Deckhead AC Vent		WO-SHORE 63361	
25-Jan-23	SHEP-230010-AJK	0	01C- BridgeDk (S)	DMs	3	Corrosion wastage - Life Ring Cradle			SS TO REMOVE
16-Feb-23	SHEP-230019-AJK	0	2CY2	Sys	3	Loose Fastners - Deckhead AC Vent		WO-SHORE 63361	