



Ministry
of Defence

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DES Ships Boats Survey and Trials Form Part 1A Condition Survey

Version 1.0
16 October 2023

Prepared by:		
Approved by:		
Authorised for issue by:		

Version Control

Date Issued	Version	Author	Reason for Change

SURVEY AND TRIALS

The Contractor shall provide the Authority with evidence of material state and performance before and after work has been conducted on Boats as part of their respective In-Service Support contracts. This is achieved through conducting Surveys and Trials as part of the standard upkeep core work package for each Boat. When tasked, the Contractor shall conduct Surveys and/or Trials outside of the standard upkeep work package (for example, following a major equipment change or following installation of new equipment).

The Authority has provided a guide for conducting and recording the evidence for the following Surveys and Trials:

- a. Condition Survey: A comprehensive Survey of the material state and performance of the Boat and its equipment and systems. **Survey and Trials Form 1A** is to be completed for this activity.
- b. Harbour Acceptance Trials (HATs) and Sea Acceptance Trials (SATs): A Trial conducted to prove the material state and performance of the Boat and its equipment and systems following a work package. **Survey and Trials Form 2A** is to be completed for this activity.

Acceptable material state shall be defined as;

- Equipment or system in full working order;
- No damage that will impact or impede full and safe working use of equipment or system;
- No installation of equipment or adjacent equipment that will impact full and safe working use of the equipment or system.

On completion of the Survey and/or Trial, the Contractor shall notify the Authority of any deterioration that may impact the material state of the Boat or its equipment and systems. The Contractor shall provide the Authority with a recommendation for rectification to bring it up to an acceptable material state.

On completion of the Survey and/or Trial (and all accepted recommendations have been rectified), the Contractor shall declare that the functionality and performance of the equipment and systems provided as evidence in the Survey and Trials forms will be upheld for the duration of the **12-month Guarantee Period** from completion of the work package unless prior agreement has been obtained.

The trials are to be witnessed by the Authority or Authority's Authorised Representative unless prior agreement has been obtained.

Copies of completed Survey and Trials forms are to be sent to the Authority and originals are to be retained by the Contractor.

CONDITION SURVEY

Survey and Trials form 1A	CONDITION SURVEY (This form covers all craft types)		V 1.0 16/10/2023
Boat Type:	Boat Number:	Date:	
<p>The Contractor shall conduct a Condition Survey of the craft using the enclosed form as guidance on areas and equipment to inspect.</p> <p>The material survey is to be in conjunction with the craft's relevant code (i.e., MGN280/Workboat Code/Grey Code) and craft BR.</p> <p><i>NOTE: The enclosed form has been designed to cover all Boats from enclosed wheelhouse craft, open craft, and yachts. Therefore, certain items detailed will be Not Applicable for some craft.</i></p>			
<u>SURVEY SECTIONS</u>			
<u>Sections</u>	<u>Item number</u>		
Hull	1		
Machinery	34		
Propulsion & Steering	55		
Auxiliary Machinery	59		
Electrical	63		
Fire Detection/Fire Fighting	73		
Wheelhouse	79		
Open Boat Console	87		
Seating	91		
Navigation & Communication	94		
Mast	99		
Lifesaving	103		
Accommodation	105		
Assessment Categories			
The material condition of the vessel is to be assessed against the following categories	A	Condition satisfactory, no sign of significant deterioration at present	
	B	Deterioration evident but not to an extent which will immediately compromise the safety of the vessel. Monitor for further deterioration and take appropriate remedial action.	
	C	Deterioration/unsatisfactory condition compromising seaworthiness of vessel evident.	
	N/A	Not Applicable	
The material survey is to be in conjunction with the craft's relevant code (i.e., MGN280/Workboat Code/Grey Code).			

Survey Report on Material Condition of Vessel						
Item	Areas and items to examine	Material Condition			N/A	Observations and Recommendations
		A	B	C		
1.	HULL					
2.	Hull External. Confirm the external hull is in good condition. Note any damage and repairs.					
	a. Steel					
	b. Aluminium					
	c. GRP/ Composite					
	d. Wood					
3.	Sacrificial Anodes. Confirm all sacrificial anodes on the hull and external equipment are in good condition.					
4.	Sea Inlets & Outlets. Confirm in good condition					
5.	Draught marks. Confirm condition and accuracy.					
6.	Collar - Closed Cell Foam Fender. Confirm in good condition. (i.e., ORC craft)					
7.	RIB Collar - Inflatable. Confirm in good condition.					
8.	Additional Fixed Hull Fenders. Confirm in good condition.					
9.	Weather Deck. Confirm the external weather deck is in good condition.					
	a. Steel					
	b. Aluminium					
	c. GRP/ Composite					
	d. Wood					
10.	Weather Decks. Confirm non-slip surfaces are in good condition.					
11.	Weather Deck fittings. Confirm all fittings on the weather deck are in good conditions. (Cleats, bollards, stag horns etc)					
12.	Lifting Points & Craft Lifting Hooks (i.e., Henriksen). Confirm are in good condition and where applicable hooks mechanism are in date. Check load test certificates.					
13.	Freeing ports. Confirm clear of obstruction.					