



DES Ships Boats Survey and Trials Form Part 2A Harbour Acceptance Trials (HATs) and Sea Acceptance Trials (SATs)

Version 1.0 16 October 2023

Prepared by:	
Approved by:	
Authorised for issue by:	

Version Control

Date Issued	Version	Author	Reason for Change
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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.

HARBOUR ACCEPTANCE TRIALS SEA ACCEPTANCE TRIALS

Survey and Trials form 2A

HARBOUR ACCEPTANCE TRIALS SEA ACCEPTANCE TRIALS

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BOAT DETAIL				
Boat Type and MOD State				
MOD Boat No.				
	REASON FOR TRIALS			
Acceptance of craft following up Assessment of craft following de Acceptance of craft following in Other reason	amage repair □ stallation of new equipment. □			
	CONTRACTOR			
Company:				
Contact Name:				
Address:				
Telephone:				
e-mail:				
	MOD REPRESENTAIVE			
Name:				
Section:				
Address:				
Telephone:				
e-mail:				

TRIAL DETAILS

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TRIAL DETAILS

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The Contractor shall complete the following sections to provide evidence of the details and support for the trials.

For craft following standard upkeep periods without significant changes to the craft then the acceptance sea trials should be conducted with the craft fully loaded unless prior agreement has been obtained.

For craft that have undergone major changes in equipment such as new engines or significant changes in weight it is recommended sea trials are initially conducted in the Light Operating condition (crew, fuel and equipment but excluding payload) and then the fully loaded condition unless prior agreement has been obtained.

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一一个 10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		st in establishing the trial loads and	
Boat Type and MOD			
State			
Craft BR No.			
PAX			
Weight (Light ship & fully			
loaded)			
Fuel			
Speed	:		
Endurance			
Fuel Type			
Engines	Inbo	oard / Outboard	
Engine(s) Make:			
Propulsion	Propeller / Water Jet		
Propulsion. Water Jet	•	/,	
make			
STORY MAN AND A DESCRIPTION OF THE PROPERTY OF		e tenta de la companya del companya del companya de la companya de	
TRIALS TO CONDUCT			
		a Keeping are normally reserved for	
when major changes to the	e craft have been conducted		
Maximum average speed		Yes □ / No □	
Acceleration		Yes □ / No □	
Crash Stop		Yes □ / No □	
Turning circles	,	Yes □ / No □	
Zig Zag		Yes □ / No □	
1 hour endurance		Yes □ / No □	
		·	

Bollard Pull	Yes □ / No □	
Sea Keeping	Yes □ / No □	
CRAFT LOADING		
Select the load conditions the Trials are to be con-	ducted under	
Craft in light ship conditions to be weight prior trial:	Kg	
Light Operating condition trials (crew, fuel, equipment but excluding load):	Yes □ / No □	
Fully loaded trials to be conducted:	Yes □ / No □	
Loading using:		
Ballast weights	Yes □ / No □	
Water weights	Yes □ / No □	
Passengers	Yes □ / No □	
Other (Details:)	Yes □ / No □	
Weight of load to be added excluding crew:	Kg	
Location of loading:		
Total load of craft in Light Operating condition:	Kg	
Total load of craft in Fully Loaded condition:	Kg	
TRIAL AREA		
State the area required for the trial.		
Open sea:	Yes □ / No □	
Sheltered water:	Yes □ / No □	
Shallow water:	Yes □ / No □	
CANVIDONIAGALTAN DECHIDEAGNITO		
State the environmental requirements for the trial		
State the environmental requirements for the trials Day:		
Night:	Yes □ / No □	
	Yes □ / No □	
Sea State. Preferred trial conditions Sea state: Operational range 0-4 (0-2.5m)	SS 0-1 Calm SS 0-4	
Sea State limit:	SS 4	
Wind strength. Not to exceed a sustained	kts	
Visibility distance	nm	
Air temperature:	°C	
The preferred trial conditions are for calm water ar	nd little wind. It is accepted that this is	
not always achievable within the time frames avail		
to conduct the trials in the best conditions that can	be found.	
CRAFT DATA TO BE RECORDED		
Determine what data is to be recorded.	<u>। विकास विकास १८५ - विकास के १८६ वर्ष विकास १८५० वर्ष विकास विकास विकास विकास विकास विकास विकास विकास विकास व</u> विकास विकास विकास विकास विकास १९८८ वर्ष विकास १	
Speed (SOG):	Yes □ / No □	
Craft motion accelerations / WBV:	Yes □ / No □	
Engine revs:	Yes 🗆 / No 🗅	
Engine temperatures:		
Fuel Consumption:	Yes 🗆 / No 🗆	
. ac. concampacin	Yes □ / No □	