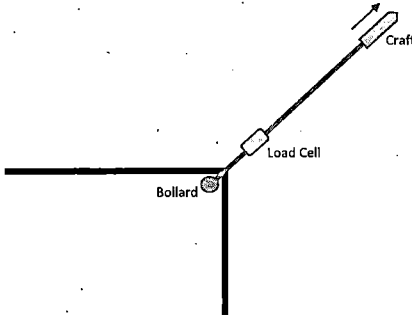


Observation Summary of Craft Performance During the Trial			
	Satisfactory	Not Satisfactory	Notes
Craft Stability	<input type="checkbox"/>	<input type="checkbox"/>	
Craft course keeping	<input type="checkbox"/>	<input type="checkbox"/>	
Craft manoeuvrability	<input type="checkbox"/>	<input type="checkbox"/>	
Craft speed performance	<input type="checkbox"/>	<input type="checkbox"/>	
Craft acceleration	<input type="checkbox"/>	<input type="checkbox"/>	
Craft ability to stop	<input type="checkbox"/>	<input type="checkbox"/>	
Sea Keeping	<input type="checkbox"/>	<input type="checkbox"/>	

Survey and Trials form 2A	Sea Keeping				V 1.0 16/10/23
Boat Type:		Boat Number:		Trial Date:	
Trials Location:					
Sea State:	Wind Force:	Wind Direction:	Air Temperature (°C):	Sea Temperature (°C):	
Craft loaded condition:	Weight of craft (Kg):	Ballast added (Kg): Type of ballast:		Fuel (ltr):	
Time trial started:			Time trial finished:		
<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;"> <p>Fig 1</p> </div> <div style="text-align: center;"> <p>Fig 2</p> </div> </div>					
<p>A trials wave buoy should preferably be employed to record sea data. If one is not available, then the nearest fixed national wave buoy should be used. Various sea keeping trials courses are promoted, 2 options are displayed above. Selection is dependent on trial area used and craft. All courses contain a run in to sea, a run with the sea, a run into the sea at 45°, a run with the sea at 45° and a run parallel to the sea. Each leg should be conducted for 5 minutes for Fig 1 and 10 minutes for Fig 2. The performance of the craft during the turn is to be monitored.</p> <p>Provided the sea state is within the operating boundaries of the craft, the trial should be conducted at the maximum planning speed for the craft. However, depending on the sea conditions it is the responsibility of the coxswain to moderate the craft speed to the safest speed for the craft and passengers.</p>					
Required Speed _____ Kts	Trial Legs				
	Into sea	With the sea	Into the sea at 45	With the sea at 45	Parallel to the sea
Speed achieved (Kts)					
Craft stability	Satisfactory Yes <input type="checkbox"/> / No <input type="checkbox"/>	Satisfactory Yes <input type="checkbox"/> / No <input type="checkbox"/>	Satisfactory Yes <input type="checkbox"/> / No <input type="checkbox"/>	Satisfactory Yes <input type="checkbox"/> / No <input type="checkbox"/>	Satisfactory Yes <input type="checkbox"/> / No <input type="checkbox"/>
Craft course keeping	Satisfactory Yes <input type="checkbox"/> / No <input type="checkbox"/>	Satisfactory Yes <input type="checkbox"/> / No <input type="checkbox"/>	Satisfactory Yes <input type="checkbox"/> / No <input type="checkbox"/>	Satisfactory Yes <input type="checkbox"/> / No <input type="checkbox"/>	Satisfactory Yes <input type="checkbox"/> / No <input type="checkbox"/>
Craft manoeuvrability	Satisfactory Yes <input type="checkbox"/> / No <input type="checkbox"/>	Satisfactory Yes <input type="checkbox"/> / No <input type="checkbox"/>	Satisfactory Yes <input type="checkbox"/> / No <input type="checkbox"/>	Satisfactory Yes <input type="checkbox"/> / No <input type="checkbox"/>	Satisfactory Yes <input type="checkbox"/> / No <input type="checkbox"/>
Sea keeping	Satisfactory Yes <input type="checkbox"/> / No <input type="checkbox"/>	Satisfactory Yes <input type="checkbox"/> / No <input type="checkbox"/>	Satisfactory Yes <input type="checkbox"/> / No <input type="checkbox"/>	Satisfactory Yes <input type="checkbox"/> / No <input type="checkbox"/>	Satisfactory Yes <input type="checkbox"/> / No <input type="checkbox"/>

General trial observations	
Did any mechanical defects or alarms occur during the trial?	Yes <input type="checkbox"/> / No <input type="checkbox"/>
Was the craft stable as it accelerated?	Yes <input type="checkbox"/> / No <input type="checkbox"/>
Was the craft stable on a straight-line transit?	Yes <input type="checkbox"/> / No <input type="checkbox"/>
Was the craft stable as it de-accelerated?	Yes <input type="checkbox"/> / No <input type="checkbox"/>
Were any of the following conditions observed during the trial: <i>chine walking, craft lol, proposing/ nose diving, excessive slamming, poor trim?</i>	Yes <input type="checkbox"/> / No <input type="checkbox"/>
Was the craft responsive and controllable during the course changes?	Yes <input type="checkbox"/> / No <input type="checkbox"/>
Was the coxswain able to trim the craft as required for craft performance?	Yes <input type="checkbox"/> / No <input type="checkbox"/>
Was the craft easily controlled by the coxswain without need for significant input of control?	Yes <input type="checkbox"/> / No <input type="checkbox"/>
Were the craft controls and their positions suitable for the coxswain?	Yes <input type="checkbox"/> / No <input type="checkbox"/>
Was the craft considered noisy during the trial	Yes <input type="checkbox"/> / No <input type="checkbox"/>
Were there any WBV issues observed during the trial?	Yes <input type="checkbox"/> / No <input type="checkbox"/>
Detail any observations.	

Observation Summary of Craft Performance During the Trial			
	Satisfactory	Not Satisfactory	Notes
Craft Stability	<input type="checkbox"/>	<input type="checkbox"/>	
Craft course keeping	<input type="checkbox"/>	<input type="checkbox"/>	
Craft manoeuvrability	<input type="checkbox"/>	<input type="checkbox"/>	
Craft speed performance	<input type="checkbox"/>	<input type="checkbox"/>	
Craft acceleration	<input type="checkbox"/>	<input type="checkbox"/>	
Craft ability to stop	<input type="checkbox"/>	<input type="checkbox"/>	
Sea Keeping	<input type="checkbox"/>	<input type="checkbox"/>	

Survey and Trials form 2A		Bollard Pull				V 1.0 16/10/23	
Boat Type:		Boat Number:			Trial Date:		
Trials Location:							
Sea State:		Wind Force:	Wind Direction:	Air Temperature (°C):		Sea Temperature (°C):	
Craft loaded condition:		Weight of craft (Kg):		Ballast added (Kg): Type of ballast:		Fuel (ltr):	
Time trial started:				Time trial finished:			
							
<p>This trial is only for craft which have undergone with changes to new engines, gear boxes or propulsion units or concern that existing power trains are not producing the required thrust.</p> <p>This trial requires the use of a load cell.</p> <p>Craft engines are to be run in and at operating temperature. The craft is to slowly take up the slack of the stop with the load cell. The craft is to then apply the RPMs as given in the table below.</p> <p><i>(The RPM used below are indicative and may be changed to meet the actual engines parameters)</i></p>							
Engine 1 = Single or Port Engine. Engine 2 = STBD Engine		Engine 1 (RPM)					
		1500	2000	2500	3000	3500	MAX
Load	kg						
		Engine 2 (RPM)					
		1500	1500	1500	1500	1500	1500
Load	kg						
		Engine 1 & 2 (RPM)					
		1500	1500	1500	1500	1500	1500
Load	kg						

Survey and Trials form 2A	Overview Of Trials			V 1.0 16/10/23
Boat Type:		Boat Number:		Trial Date:
Trials Conducted				
Trial 1 Speed Trial		Yes <input type="checkbox"/> / No <input type="checkbox"/>		
Trial 2. Acceleration		Yes <input type="checkbox"/> / No <input type="checkbox"/>		
Trial 3. Emergency Stopping		Yes <input type="checkbox"/> / No <input type="checkbox"/>		
Trial 4. Turning Circles		Yes <input type="checkbox"/> / No <input type="checkbox"/>		
Trial 5. Zig Zag		Yes <input type="checkbox"/> / No <input type="checkbox"/>		
Trial 4. Endurance and Fuel Consumption		Yes <input type="checkbox"/> / No <input type="checkbox"/>		
Trial 5. Sea Keeping		Yes <input type="checkbox"/> / No <input type="checkbox"/>		
Trial 6. Bollard Pull		Yes <input type="checkbox"/> / No <input type="checkbox"/>		
Craft Performance				
	Satisfactory	Not Satisfactory	Notes	
Craft Stability	<input type="checkbox"/>	<input type="checkbox"/>		
Craft course keeping	<input type="checkbox"/>	<input type="checkbox"/>		
Craft manoeuvrability	<input type="checkbox"/>	<input type="checkbox"/>		
Craft speed performance	<input type="checkbox"/>	<input type="checkbox"/>		
Craft acceleration	<input type="checkbox"/>	<input type="checkbox"/>		
Craft ability to stop	<input type="checkbox"/>	<input type="checkbox"/>		
Sea Keeping	<input type="checkbox"/>	<input type="checkbox"/>		
Defects				
Detail any defects noted during the trial:				
Declaration				
The above boat has completed the trials contained within document and the information contained is a true record of the Boats performance on the date shown. The craft <u>is /is not</u> in a safe and seaworthy condition for acceptance and return to service.				
Trial witnessed by Contractor representative				
Signature	Name	Company	Date	
Trial witnessed by Authority representative				
Signature	Name	Authority Section	Date	