

# SCV2 COMPLIANCE DOCUMENT



SMALL VESSELS IN COMMERCIAL USE FOR SPORT OR PLEASURE  
(USE FORM WB2 FOR WORKBOATS – PILOT BOATS – LIFTING & TOWING)

The Committee of the  
IIMS Certifying Authority



Certifying Authority authorised by the MCA



This document follows the paragraph numbering in MGN 280 as indicated in the margin.

The IIMS Examiner should complete all sections relevant to the vessel, mark non-relevant sections as such, confirm the statements made by initialling in the appropriate columns and complete the section dealing with the material condition of the vessel. Both Owner / Managing Agent and Examiner must sign the Declarations Section. The Examiner must forward the completed form to the IIMS for checking prior to issue of a Certificate.

The information on the form is the property of IIMS and is not to be used for any purpose other than for the issue of a Certificate for the Code of Practice. **Please note that change of ownership invalidates the certification.**

**Vessel Unique Number:** \_\_\_\_\_

(Vessel Unique Number to be obtained from office or surveyor before despatch)

Section 1: Vessel Details			
<b>Vessel Name:</b>			
<b>Vessel Type:</b> (mark one as appropriate) RIB <input type="checkbox"/>			
Motor <input type="checkbox"/>	Sail <input type="checkbox"/>	Motor/Sailing Catamaran <input type="checkbox"/>	
Builder:			
Location:			
Builders Make or Model:			
<b>Hull Construction Material:</b> (mark one as appropriate)			
GRP <input type="checkbox"/>	Wood <input type="checkbox"/>	Steel <input type="checkbox"/>	Aluminium Alloy <input type="checkbox"/>
OTHER (describe):			
LOA: _____ m	Beam: _____ m		
Load Line Length (if over 24m LOA): _____ m			
Call Sign:	Year Built:		
MMSI No:			
Hull ID No. (HIN):			
Official No. or SSR:			
REGISTERED: YES <input type="checkbox"/> NO <input type="checkbox"/> (mark one as appropriate) (if YES, complete Flag and Registration Details):			
Maximum number of Persons Onboard:			
Passengers:	Crew:		
Sea Area Category Requested: (mark one)	<input type="checkbox"/> 0 <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6		

Port of Registry:
Base Port:
Nominated Departure Point for Cat 5 or Cat 6:
Name of Nominated Marine Surveyor:
MLC 2006 Compliance Required: <input type="checkbox"/> Yes <input type="checkbox"/> No If 'Yes', complete SCV2A and attach to this document.

Section 2: Operating Restrictions
(To be shown on certificate)

Section 3: Owner Details
Name of Owner:
Address:
Tel No:
Owners Email address:
Vessel Email address:

Code	DETAILS	Surveyor's Use
Para 11	<p><b>STABILITY CRITERIA</b></p> <p><b><u>Surveyors must indicate which stability assessment method has been used.</u></b></p> <p>Is there a MCA A5 stability guidance booklet on board? (All vessels) <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A</p>	
11.1.1.2	<p><b>Does the Vessel require a Stability Information Booklet</b> (Cat 0 or 1; carrying &gt; 16 persons; Sailing multihull &gt;6m) <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A</p> <p>If yes has the SIB been submitted to IIMS CA for approval? <input type="checkbox"/> YES <input type="checkbox"/> NO</p>	
11.4	<p><b>Motor Vessels (complying with 11.1.1.3)</b></p> <p>Has a heel test been witnessed by the surveyor? <input type="checkbox"/> YES <input type="checkbox"/> NO</p> <p>Has a heel test certificate been issued? <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A</p> <p>Has the ISO 122217-1 been used in lieu of Heel Test? <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A</p> <p>Have any davits / cranes (personnel recovery devices) been included in test? <input type="checkbox"/> YES <input type="checkbox"/> NO</p>	
11.8	<p><b>Sailing Vessels:</b> <input type="checkbox"/> Full stability booklet (Non ISO / Cat 0 / Cat 1 / Sailing Multihulls)</p> <p><input type="checkbox"/> ISO122217-2 (Builders Certificate and Declaration) <input type="checkbox"/> STIX number <input type="checkbox"/> STOPS number</p>	
11.5	<p><b>RIBS.</b> ISO 6185 certificate or swamp test.</p> <p style="text-align: center;"><b><u>A COPY OF THE SELECTED STABILITY INFORMATION MUST BE ATTACHED</u></b></p>	

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Para 4	<p><b>CONSTRUCTION &amp; STRUCTURAL STRENGTH</b></p> <p><b>Vessel Type:</b> <input type="checkbox"/> Watertight Weather Deck - Stepped, Recessed or Raised  <small>(tick one as appropriate)</small> <input type="checkbox"/> Watertight Weather Deck - Continuous <input type="checkbox"/> Open Boat <input type="checkbox"/> RIB</p>	
4.2	<p><b>Structural Strength</b></p> <p>4.2.1 Does the vessel fully comply with CE build certification rules? <input type="checkbox"/> YES <input type="checkbox"/> NO  Is a valid certificate attached? <input type="checkbox"/> YES <input type="checkbox"/> NO</p> <p>4.2.2.3 Surveyed and Certificated by UK Load Line Assigning Authority <input type="checkbox"/> YES <input type="checkbox"/> NO</p> <p>4.2.2.5.1 In accordance with Small Vessel Hull Certification Standards of an Assigning Authority / Classification Society <input type="checkbox"/> YES <input type="checkbox"/> NO  4.2.2.5.2 Vessel has ≥ 5 years safe operation in sea and weather no less severe than likely to be encountered <input type="checkbox"/> YES <input type="checkbox"/> NO  4.2.2.5.3 In general accord with the standard of a Vessel with ≥ 5 years safe operation in sea and weather no less severe than likely to be encountered (<i>this option requires documentary evidence</i>) <input type="checkbox"/> YES <input type="checkbox"/> NO</p> <p>4.2.2.6 Structure specially considered by Certifying Authority (<i>requires calculations / drawings / details / materials information</i>) <input type="checkbox"/> YES <input type="checkbox"/> NO</p>	
4.3	<p><b>DECKS, RECESSES &amp; COCKPITS</b></p> <p>4.3.1.1 Does a watertight weather deck extend from stem to stern? <input type="checkbox"/> YES <input type="checkbox"/> NO  4.3.1.2 If the deck is stepped, recessed or raised - is the stepped, recessed or raised portion of watertight construction? <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A</p> <p><b>Measured Volume of Recess or Cockpit (Sail &amp; Motor) cu cm</b></p> <p>4.3.2.1 <b><u>Motor Vessel</u></b>  Minimum Drain Area = (20sqcm for each cu. m of Volume) sq cm  Measured drain area sq cm</p> <p>4.3.2.2 <b><u>Sailing Vessel</u></b>  Maximum Volume = (L x B x Freeboard abreast cockpit x 0.10) cu cm  Measured drain area(Cat 0 &amp; 1. 20 sq cm remainder 10 sq cm) sq cm  Recess drains efficiently at up to 30 degrees heel angle <input type="checkbox"/> YES <input type="checkbox"/> NO</p> <p>4.3.2.4 Are cockpit lockers and deck recesses weather tight &amp; secure? <input type="checkbox"/> YES <input type="checkbox"/> NO</p>	

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4.4	<p><b>WATERTIGHT BULKHEADS</b></p> <p>Monohull Vessels carrying 16 or more persons or operating in Area Category 0 or 1 with 7 or more persons require to survive flooding of any one compartment - See 11.2.1. This may be achieved by fitting watertight bulkheads.</p> <p>If watertight bulkheads are required state number, positions, watertight door details if relevant:</p> <table border="1" data-bbox="280 387 1238 477"> <thead> <tr> <th data-bbox="280 387 520 432">Number</th> <th data-bbox="520 387 759 432">Position</th> <th data-bbox="759 387 999 432">WT Door Details</th> <th data-bbox="999 387 1238 432">Comment</th> </tr> </thead> <tbody> <tr> <td data-bbox="280 432 520 477"></td> <td data-bbox="520 432 759 477"></td> <td data-bbox="759 432 999 477"></td> <td data-bbox="999 432 1238 477"></td> </tr> </tbody> </table>	Number	Position	WT Door Details	Comment									
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4.5	<p><b>RIBS and Inflatable Boats</b></p> <p>For RIBs &amp; inflatable boats operated as workboats contact IIMS CA for Form WB2-R</p>													
5.1	<p><b>HATCHES (All Types)</b></p> <p>List position, size and function                      Lockable?   <input type="checkbox"/> NONE   <input type="checkbox"/> SOME   <input type="checkbox"/> ALL</p> <table border="1" data-bbox="280 828 1238 918"> <thead> <tr> <th data-bbox="280 828 512 873">Position</th> <th data-bbox="512 828 644 873">Area m<sup>2</sup></th> <th data-bbox="644 828 777 873">Off CL m</th> <th data-bbox="777 828 909 873">Hinged</th> <th data-bbox="909 828 1042 873">Height</th> <th data-bbox="1042 828 1238 873">Open at Sea?</th> </tr> </thead> <tbody> <tr> <td data-bbox="280 873 512 918"></td> <td data-bbox="512 873 644 918"></td> <td data-bbox="644 873 777 918"></td> <td data-bbox="777 873 909 918"></td> <td data-bbox="909 873 1042 918"></td> <td data-bbox="1042 873 1238 918"></td> </tr> </tbody> </table> <p>“TO BE KEPT SHUT AT SEA” marked as appropriate?      <input type="checkbox"/> YES   <input type="checkbox"/> NO</p> <p>5.1.1.3      Hatches with aft hinges, fitted in forward portion of vessel supplied with suitable blanks      <input type="checkbox"/> YES   <input type="checkbox"/> NO   <input type="checkbox"/> N/A</p> <p>5.1.1.4      Escape hatches openable from both sides?      <input type="checkbox"/> YES   <input type="checkbox"/> NO</p> <p>5.1.1.5      Hatches in recesses or stepped deck giving access to hull valves have access openings at least 300mm above minimum freeboard height required at 12.2.2      <input type="checkbox"/> YES   <input type="checkbox"/> NO   <input type="checkbox"/> N/A</p>	Position	Area m <sup>2</sup>	Off CL m	Hinged	Height	Open at Sea?							
Position	Area m <sup>2</sup>	Off CL m	Hinged	Height	Open at Sea?									
5.1.2	<p><b>Hatches Open at Sea</b></p> <p>5.1.2.1      Not more than 1m<sup>2</sup> in plane area at top of coaming      <input type="checkbox"/> YES   <input type="checkbox"/> NO</p> <p>5.1.2.2      Located on centreline or as close thereto as possible      <input type="checkbox"/> YES   <input type="checkbox"/> NO</p> <p>5.1.2.3      Opening at least 300mm above adjacent weather deck at side      <input type="checkbox"/> YES   <input type="checkbox"/> NO</p>													

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<p><b>5.2</b></p> <p>5.2.1.1</p> <p>5.2.1.2</p> <p>5.2.1.3</p>	<p><b>DOORWAYS</b></p> <p>Doorway above weather deck and giving access to spaces below is:</p> <p style="padding-left: 40px;"> Weathertight <span style="float: right;"><input type="checkbox"/> YES <input type="checkbox"/> NO</span>  Of efficient Construction <span style="float: right;"><input type="checkbox"/> YES <input type="checkbox"/> NO</span>  Permanently attached <span style="float: right;"><input type="checkbox"/> YES <input type="checkbox"/> NO</span>  Opens outwards <span style="float: right;"><input type="checkbox"/> YES <input type="checkbox"/> NO</span>  Overlaps the opening on all sides <span style="float: right;"><input type="checkbox"/> YES <input type="checkbox"/> NO</span>  Efficient closure operable from both sides <span style="float: right;"><input type="checkbox"/> YES <input type="checkbox"/> NO</span> </p> <p>Doorway as close as possible to centreline <span style="float: right;"><input type="checkbox"/> YES <input type="checkbox"/> NO</span></p> <p>If hinged and on side of house, hinges on forward edge <span style="float: right;"><input type="checkbox"/> YES <input type="checkbox"/> NO</span></p> <p>Doorway on house side or front has 300mm or higher coaming <span style="float: right;"><input type="checkbox"/> YES <input type="checkbox"/> NO</span></p> <p>List area accessed, door position, construction material, size and hinge position and coaming height:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 16.6%;">Function</th> <th style="width: 16.6%;">Position</th> <th style="width: 16.6%;">Material</th> <th style="width: 16.6%;">Size</th> <th style="width: 16.6%;">Hinge</th> <th style="width: 16.6%;">Coaming</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	Function	Position	Material	Size	Hinge	Coaming							
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<p>5.2.2</p> <p>5.2.2.1</p> <p>5.2.2.2</p> <p>5.2.2.3</p>	<p><b>COMPANIONWAYS</b></p> <p>A companion hatch from recess or cockpit to below decks must have a coaming or washboard with its top at least 300mm above the cockpit / recess sole.</p> <p>List top of coaming / washboard height: <span style="float: right;">mm</span></p> <p>If a washboard is used, is it securable? <span style="float: right;"><input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A</span></p> <p>Companionway should not be wider than 1 metre. List width: <span style="float: right;">mm</span></p>													
<p><b>5.3</b></p>	<p><b>DECK SKYLIGHT(S)</b></p>													

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5.4  5.4.3  5.4.5	<p><b>HULL PORTLIGHTS</b></p> <p>Hull portlights should be non-opening or non-readily opening. Diameter of glazed area should be not more than 250mm = 490cm<sup>2</sup> or 400mm = 1256cm<sup>2</sup> with due regard to vertical and horizontal position.</p> <p>Portlights below weather deck and not fitted with an attached deadlight should be supplied with sufficient blanks for half the number of each size of portlight.</p> <p>List positions, size and material and whether blanks are onboard</p> <table border="1" data-bbox="280 501 1238 573"> <thead> <tr> <th>Position</th> <th>Size</th> <th>Frame</th> <th>Glazing</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table> <p>Are portlights of equivalent strength to hull? <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A</p> <p>If no, are blanks provided? <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A</p>	Position	Size	Frame	Glazing					
Position	Size	Frame	Glazing							
5.4	<p><b>WINDOWS</b></p> <p>Indicate, position, sizes, glass &amp; frame description</p> <table border="1" data-bbox="280 900 1238 972"> <thead> <tr> <th>Position</th> <th>Size</th> <th>Frame</th> <th>Glazing</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table> <p>Are blanks provided? (50% required for Categories 0 &amp; 1) <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A</p> <p>Surveyors Comments on adequacy of Windows</p>	Position	Size	Frame	Glazing					
Position	Size	Frame	Glazing							

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5.5	<p><b>DECK VENTILATORS</b></p> <p>Indicate No, position, compartment served and means of closure.</p>													
5.5.3	<p><b>ENGINE SPACE VENTILATION</b></p> <p>Detailed description;</p>													
5.5.5	<p><b>ENGINE EXHAUST</b></p> <p>If the exhaust is below the weather deck show the means of preventing back flooding. (tick one as appropriate)</p> <p> <input type="checkbox"/> Swan neck    <input type="checkbox"/> Transom flap  <input type="checkbox"/> Valve    <input type="checkbox"/> Water trap    <input type="checkbox"/> Silencer </p> <p><u>Other notes:</u></p>													
5.6	<p><b>AIR BREATHING PIPES</b></p> <p>List tank and Exit location.</p> <table border="1" data-bbox="279 1361 1238 1456"> <thead> <tr> <th>Tank</th> <th>Location</th> <th>Off CL</th> <th>Height</th> <th>Dia</th> <th>Closure</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table> <p>If over 10mm diameter indicate the means of closure:</p>	Tank	Location	Off CL	Height	Dia	Closure							
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5.7	<p><b>SEA INLETS AND DISCHARGES</b></p> <p>5.7.1 All above waterline discharges require a means of emergency closure.</p> <p>5.7.2 Inlets or discharges below the waterline require a seacock, valve or effective means of closure that is readily accessible. List function, position and type.</p> <table border="1" data-bbox="280 443 1238 1160"> <thead> <tr> <th>No</th> <th>System</th> <th>Above or Below WL</th> <th>Valve or Closure Type</th> <th>Material</th> </tr> </thead> <tbody> <tr><td>1</td><td></td><td></td><td></td><td></td></tr> <tr><td>2</td><td></td><td></td><td></td><td></td></tr> <tr><td>3</td><td></td><td></td><td></td><td></td></tr> <tr><td>4</td><td></td><td></td><td></td><td></td></tr> <tr><td>5</td><td></td><td></td><td></td><td></td></tr> <tr><td>6</td><td></td><td></td><td></td><td></td></tr> <tr><td>7</td><td></td><td></td><td></td><td></td></tr> <tr><td>8</td><td></td><td></td><td></td><td></td></tr> <tr><td>9</td><td></td><td></td><td></td><td></td></tr> <tr><td>10</td><td></td><td></td><td></td><td></td></tr> <tr><td>11</td><td></td><td></td><td></td><td></td></tr> <tr><td>12</td><td></td><td></td><td></td><td></td></tr> <tr><td>13</td><td></td><td></td><td></td><td></td></tr> <tr><td>14</td><td></td><td></td><td></td><td></td></tr> <tr><td>15</td><td></td><td></td><td></td><td></td></tr> <tr><td>16</td><td></td><td></td><td></td><td></td></tr> </tbody> </table>	No	System	Above or Below WL	Valve or Closure Type	Material	1					2					3					4					5					6					7					8					9					10					11					12					13					14					15					16					
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5.7.4	<p><b>TOILET PIPE WORK &amp; FITTINGS</b></p> <p>Is the rim of the heads bowl 300 mm or more above W/L?      <input type="checkbox"/> YES   <input type="checkbox"/> NO   <input type="checkbox"/> N/A</p> <p>If below, describe anti siphon measures:</p>																																																																																						
5.7.5	<p>WC pipes looped to the underside of the deck (sailing vessels)      <input type="checkbox"/> YES   <input type="checkbox"/> NO   <input type="checkbox"/> N/A</p> <p>If closed system describe:</p>																																																																																						
5.8	<p><b>MATERIALS FOR VALVES AND ASSOCIATED PIPING</b></p> <p>5.8.1 Valves in Engine Space to be Steel, Bronze, Copper or other non-brittle fire resistant material?      <input type="checkbox"/> YES   <input type="checkbox"/> NO   <input type="checkbox"/> N/A</p> <p>5.8.2 Where used, plastic piping to be good quality and suitable for purpose?      <input type="checkbox"/> YES   <input type="checkbox"/> NO   <input type="checkbox"/> N/A</p> <p>5.8.3 Can the inlet valves be operated from outside the engine space?      <input type="checkbox"/> YES   <input type="checkbox"/> NO   <input type="checkbox"/> N/A</p> <p>Or is the pipe work adequately lagged, metal or to ISO Standard 7840?      <input type="checkbox"/> YES   <input type="checkbox"/> NO   <input type="checkbox"/> N/A</p>																																																																																						



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<b>Para 6</b>	<p data-bbox="277 143 719 170"><b>WATER FREEING ARRANGEMENTS</b></p> <p data-bbox="124 230 1241 257">6.1 Does vessel have bulwarks that may trap shipped water? <input type="checkbox"/> YES <input type="checkbox"/> NO</p> <p data-bbox="124 315 1241 456">6.2 <b>Motor Vessels</b>  Area of bulwark behind which water might be trapped (measure both sides but not transom or back of house) <span style="float:right">sq m</span>  Total area of freeing ports (minimum = 4% of bulwark area) <span style="float:right">sq m</span></p> <p data-bbox="124 510 1241 609">6.2.2 <b>Motor Vessel under 12m, in Cat 2 to 6, with Well Deck aft</b>  Are two (port and starboard) freeing ports fitted in the transom each of not less than 225 sq cm? <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A</p> <p data-bbox="124 656 1241 842">6.3 <b>Sailing Vessel</b>  6.3.1 Freeing ports at least 10% of bulwark that extends 2/3ds of vessel length amidships? <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A  Freeing ports in lower 1/3<sup>rd</sup> of bulwark height and as close to deck as possible? <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A</p> <p data-bbox="124 889 1241 1518">6.4 <b>All Vessels</b>  6.4.1 If vessel has only small side deck areas in which water may be trapped, smaller freeing ports may be accepted. Refer to MGN280 for correction formula.  6.4.2 If non-return shutter flaps are fitted:  Clearance to be adequate to prevent jamming <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A  Hinge pins or bearings to be of non-corrodable material <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A  6.4.4 If freeing ports cannot be fitted are alternative arrangements acceptable to the Examiner? <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A  Describe arrangements:  6.4.7 Does Vessel operate where ice accreditation may occur? <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A  If Yes, describe special considerations made:</p>	
<b>Para 7</b>	<p data-bbox="277 1594 435 1621"><b>MACHINERY</b></p> <p data-bbox="124 1653 1241 1794">7.1 Engines, Make and Model:  Generator, Make and Model:  Engine and Generator Location:</p> <p data-bbox="124 1805 1241 1854">7.1.2 Motor Vessel machinery operable at 15 degree heel and 7.5 degree trim? <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A</p> <p data-bbox="124 1872 1241 2024">7.1.3 Sailing Vessel machinery operable at:  15 degree static heel <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A  22.5 degrees dynamic heel <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A  7.5 degree trim <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A</p>	

Code	DETAILS	Surveyor's Use
<p><b>7.2 / 7.3</b></p> <p>7.3.1.2</p> <p>7.3.2</p> <p>7.3.3</p>	<p>Fuel (If petrol only outboard type engine permissible):</p> <p>Permanently Installed Tank? <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A</p> <p>Any spillage during filling drains overboard? <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A</p> <p>Fuel tank location (describe):</p> <p>If petrol tank installed in hull or locker is hydrocarbon gas detector fitted? <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A</p> <p>Is fuel tank capacity adequate for area of operation? <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A</p>	
<p><b>7.4</b></p> <p>7.4.1</p> <p>7.4.2</p> <p>7.4.3</p> <p>7.4.4</p> <p>7.4.5</p> <p>7.4.6</p>	<p><b>Machinery Installation</b></p> <p>Machinery, piping and fittings adequate for service and minimise danger to persons during normal operation <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A</p> <p>Guards fitted to moving parts, hot surfaces and other hazards? <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A</p> <p>Fuel valve or cock to be as close to tank as possible and to be operable from outwith the engine space</p> <p>Describe position of fuel shut off valves:</p> <p>Fuel filling and venting pipes fuel compatible, non kinking, adequately supported and of sufficient dimensions to prevent spillage during filling? <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A</p> <p>Fuel vent pipes lead to atmosphere and terminate higher than fuel filler? <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A</p> <p>fitted with gooseneck or similar? <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A</p> <p>for petrol or risk of flame ingress have a gauze? <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A</p> <p>Flexible piping to be fire resistant / metal reinforced or otherwise protected from fire? <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A</p> <p>Describe fuel pipe / hose material:</p> <p>Secured by metal hose clamps? <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A</p> <p>With pipe end having bead, flare or annular grooves? <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A</p> <p>Or swaged sleeve of sleeve and threaded inserts? <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A</p> <p>Fuel filters with glass bowls to be located where easily seen and protected against heat and accidental damage? <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A</p>	



Code	DETAILS	Surveyor's Use
<b>Para 8</b>	<b>ELECTRICAL INSTALLATION</b>	
8.1.1	Do electrical arrangements minimise risk of fire & electric shock tanks and other metal objects that do not have good electrical continuity with the water to have special arrangements?	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
8.1.2	110V / 240V / 440V Systems if fitted meet applicable standards?	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
8.2.1	Wiring systems to be 2 conductor other than engine circuits that may return to engine itself?	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
8.2.3	Single pole switches are only used in "live" (+) conductor?	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
8.2.4	All circuits except main supply from battery to starter have fuses or circuit breakers?	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
	Rating of fuses or circuit breakers should not exceed current capacity of the conductor?	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
	Short circuit protection suitable for total rated current of the consumers in the circuit protected?	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
	Single outboard fitted with fuse protection has facility to enable starting if fuse has blown?	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
8.2.5	Steering circuits that would cause steering failure if a fuse or circuit breaker blew to have alarm in lieu of overload protection but be protected against short circuit?	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
<b>8.3</b>	<b>Lighting</b>	
8.3.1	Is general lighting within vessel from a centralised electrical system? If yes emergency lighting is required, which may be from battery operated lamps, sufficient to:-	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
	enable persons to make their way to open deck	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
	illuminate survival craft launching and embarkation	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
	illuminate man-overboard rescue equipment and rescue areas	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
	permit work on essential machinery	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
	Describe emergency lighting arrangements:	
<b>8.4</b>	<b>Batteries</b>	
8.4.1	Is the battery capacity & charging adequate for the radios fitted?	<input type="checkbox"/> YES <input type="checkbox"/> NO
8.4.1.2	Battery terminals should be protected, in box or rubber covers?	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
8.4.1.3	Battery charging requires prevention against over charging?	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
8.4.1.4	Battery cut-out or isolator required either double pole or single pole in the positive conductor. Describe battery isolation:	
8.4.1.5	Batteries for emergency lights, steering, nav comms to be high enough not to flood in normal vessel operation, e.g. not in bilge?	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
8.4.1.6	In a sailing vessel batteries to be sealed type to prevent fluid loss in the event of a knock down?	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A

Code	DETAILS	Surveyor's Use
<p><b>8.4.2</b></p> <p>8.4.2.1</p> <p>8.4.2.2/3/4</p> <p><b>8.4.3</b></p> <p>8.4.3.1</p> <p>8.4.3.2</p> <p><b>8.5</b></p> <p>8.5.1</p> <p>8.5.2</p> <p>8.5.3</p> <p>8.5.4</p>	<p><b>Battery Stowage</b></p> <p>Batteries secured against acceleration, deceleration, large heel or trim and for a sailing vessel knock-down? <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A</p> <p>Battery charging capacity &lt; 0.2Kw - batteries may be in any space  Battery charging between 0.2 and 2.0 Kw – batteries to be in machinery space or other well ventilated box or locker  Maximum battery charging power exceeds 2 Kw – batteries to be in suitably ventilated compartment in vessel or a locker on open deck, space to be for batteries only</p> <p><b>Ventilation</b></p> <p>Battery spaces vented out at top and in at bottom? <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A</p> <p>Battery Fans, if fitted, must not be a source of ignition? <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A</p> <p>Describe Battery Stowage and Ventilation Arrangements:</p> <p><b>Cables</b></p> <p>Cables to a recognised small marine vessel standard? <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A</p> <p>Cables to be single core with insulation and outer sleeve? <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A</p> <p>Cables to be suitable for local environment e.g. No PVC with polystyrene? <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A</p> <p>Cable terminals to be adequately secured, preferably ring terminals with lock washers? <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A</p>	
<p><b>8.6</b></p> <p>8.6.1</p> <p>8.6.2</p>	<p><b>Hazardous Spaces</b></p> <p>No electrical equipment in a space where petroleum vapour or hydrocarbon gas may accumulate or equipment complies with recognised standard for prevention of ignition? <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A</p> <p>Compartment fitted with gas consuming device (e.g. cooker) has detector and alarm complying with recognised standard been fitted? <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A</p>	
<p><b>8.7</b></p>	<p><b>Lightning Protection</b></p> <p>Where high risk of lightning strike exists suitable attention to be paid. See ISO 10134 <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A</p>	

Code	DETAILS	Surveyor's Use									
<b>Para 9</b>	<p><b>STEERING GEAR, RUDDER AND STERNGEAR</b></p> <p>9.1.2 Is there adequate visibility from all steering positions? <input type="checkbox"/> YES <input type="checkbox"/> NO</p> <p>9.1.3 Describe Emergency Steering Arrangements:</p> <p>9.2 Rudder, Stock, Materials, Tiller Attachment, Bearings, Pintles and Supporting Structures to a recognised standard to satisfaction of CA? <input type="checkbox"/> YES <input type="checkbox"/> NO</p> <p>9.3 Propeller, Shaft Line, Brackets, Bearings, Sterntube and Supporting Structures to a recognised standard to satisfaction of CA <input type="checkbox"/> YES <input type="checkbox"/> NO</p>										
<b>Para 10</b>	<p><b>BILGE PUMPING</b></p> <p>10.1.1 Suction pipes to all compartments? <input type="checkbox"/> YES <input type="checkbox"/> NO</p> <p>10.1.3 Can all pumps be operated with all hatches closed? <input type="checkbox"/> YES <input type="checkbox"/> NO</p> <p>10.1.4 Are strum boxes fitted where appropriate? <input type="checkbox"/> YES <input type="checkbox"/> NO</p> <p>10.1.8 Pump capacities meet following minimum requirements:</p> <table data-bbox="351 884 1244 985"> <tr> <td>6m in length or less</td> <td>10 litres / min</td> <td><input type="checkbox"/> YES <input type="checkbox"/> NO</td> </tr> <tr> <td>Between 6m to 12m in length</td> <td>15 litres / min</td> <td><input type="checkbox"/> YES <input type="checkbox"/> NO</td> </tr> <tr> <td>12m in length or greater</td> <td>30 litres / min</td> <td><input type="checkbox"/> YES <input type="checkbox"/> NO</td> </tr> </table> <p><b>10.2 16 + Persons or in Cat 0 or Cat 1</b> <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A</p> <p>At least 1 hand pump and 1 engine driven or electric pump situated in 2 separate spaces. Can pump all spaces with each pump</p> <p>10.2.2 Motor Vessels can pump bilge at heel angle up to 10 degrees</p> <p><b>10.3 15 or Less Persons in Cat 2 to Cat 6</b> <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A</p> <p>10.3.1 Vessel has at least 2 Pumps in 2 separate Spaces situated in 2 separate spaces. Can pump all spaces with each pump</p> <p><b>10.4 RIBs, Open Boats and Inflatables</b></p> <p>10.4.1 Open boat over 6m length has bailer / bucket as well as Pump <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A</p> <p>10.4.2 Vessel under 6m length has 1 Hand Pump or Bailer / Bucket <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A</p> <p>10.4.3 Buckets here may be the Fire Buckets required at 15.</p> <p><b>10.5 Bilge Alarms</b></p> <p>Bilge Alarms required in Engine Compartment and other Space with Hull Fittings and not normally seen. Alarms to be Audible and Visual at Helm.</p> <p>Provide details of Bilge Alarms:</p>	6m in length or less	10 litres / min	<input type="checkbox"/> YES <input type="checkbox"/> NO	Between 6m to 12m in length	15 litres / min	<input type="checkbox"/> YES <input type="checkbox"/> NO	12m in length or greater	30 litres / min	<input type="checkbox"/> YES <input type="checkbox"/> NO	
6m in length or less	10 litres / min	<input type="checkbox"/> YES <input type="checkbox"/> NO									
Between 6m to 12m in length	15 litres / min	<input type="checkbox"/> YES <input type="checkbox"/> NO									
12m in length or greater	30 litres / min	<input type="checkbox"/> YES <input type="checkbox"/> NO									

Code	DETAILS	Surveyor's Use										
10	<p><b>BILGE PUMPING</b></p> <p>Provide details of Bilge Pumps complying with above:</p> <table border="1" data-bbox="280 271 1235 378"> <thead> <tr> <th data-bbox="280 271 456 338">Pump</th> <th data-bbox="456 271 644 338">Model / Capacity</th> <th data-bbox="644 271 855 338">Hand / Engine / Electric / Auto</th> <th data-bbox="855 271 1043 338">Compartment Served</th> <th data-bbox="1043 271 1235 338">Control Position</th> </tr> </thead> <tbody> <tr> <td data-bbox="280 338 456 378"></td> <td data-bbox="456 338 644 378"></td> <td data-bbox="644 338 855 378"></td> <td data-bbox="855 338 1043 378"></td> <td data-bbox="1043 338 1235 378"></td> </tr> </tbody> </table>	Pump	Model / Capacity	Hand / Engine / Electric / Auto	Compartment Served	Control Position						
Pump	Model / Capacity	Hand / Engine / Electric / Auto	Compartment Served	Control Position								
Para 11	Paragraph 11 details are found on page 2											
<p>Para 12</p> <p>12.1</p> <p>12.1.2</p> <p>12.2</p> <p>12.2.2.1</p> <p>5.5.4</p>	<p><b>FREEBOARD AND FREEBOARD MARKING</b></p> <p><b>Sailing Vessels</b> (those not conforming with ISO 12217-2 only)  Measured at mid length of the longitudinal centre of flotation.</p> <p>Stability book required freeboard. mm  Marked freeboard mm</p> <p>Freeboard Mark Size and Position is Correct <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A</p> <p><b>Motor Vessels</b></p> <p><b>Vessels carrying less than 1000kg Cargo and not Lifting or Towing</b></p> <p><b>Open or Partially Open Vessel</b>  What is the required clear height of side? mm  Marked clear height of side: mm</p> <p><b>Continuous Watertight Weather Deck</b>  What is the required freeboard? mm  Actual measured freeboard: mm</p> <p><b>Stepped, Recessed or Raised Watertight Weather Deck</b>  What is the required <i>minimum</i> freeboard? mm  Available <i>minimum</i> freeboard: mm  What is the required average freeboard? mm  Actual measured average freeboard: mm</p> <p>Details of freeboard measurements are to be recorded on the IIMS Heel Test Form.</p> <p><b>MOTOR VESSELS WITH HULL SIDE AIR INTAKES</b>  Height of air intakes above loaded waterline when upright: mm</p>											

Code	DETAILS	Surveyor's Use
12.2.4	<p><b>RIBS and Inflatable Boats</b></p> <p>Freeboards are to be measured in Full Load Condition.</p> <p>12.2.4.1 Freeboard not less than 300mm to top of buoyancy tubes <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A</p> <p>Freeboard not less than 250mm at lowest part of transom <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A</p> <p>12.2.4.3 RIB in Cat 6 only has transom lower than 250mm but is self draining when moving ahead and has substantial reserve buoyancy <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A</p> <p>Record Details here:</p>	
<p><b>Para 13 &amp; Annex 1</b></p> <p><b>13.2</b></p>	<p><b>LIFESAVING APPLIANCES</b></p> <p><b>Life rafts</b>, capacity / manufacturer / certificate expiry dates.</p> <p>1. Capacity:                      Manufacturer:                      Expiry:</p> <p>2. Capacity:                      Manufacturer:                      Expiry:</p> <p>3. Capacity:                      Manufacturer:                      Expiry:</p> <p><b>Type:</b> <input type="checkbox"/> SOLAS A    <input type="checkbox"/> SOLAS B    <input type="checkbox"/> ORC    <input type="checkbox"/> ISO 9650 (&amp; pack type)</p> <p>If fitted, does grab bag contain a sea anchor and line, first aid kit, signalling mirror, whistle, DOT approved radar reflector, 2 rocket and 3 hand held flares, buoyant orange smoke signal, thermal protection aids for all and a SOLAS No 2 table. (see annex 2, note 1.5 / MSN 1676) <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A</p> <p>Are life rafts the subject of a hiring agreement? <input type="checkbox"/> YES <input type="checkbox"/> NO</p> <p>Describe stowage method and position:</p> <p><input type="checkbox"/> GRP containers    OR    <input type="checkbox"/> Valise type <input type="checkbox"/> YES <input type="checkbox"/> NO</p> <p>Is the life raft entirely float free? <input type="checkbox"/> YES <input type="checkbox"/> NO</p> <p>Expiry date of hydrostatic releases (if fitted.)</p>	
13.3	<p><b>Lifebuoys</b></p> <p>Number of    Circular:                      Horseshoe:                      Inflatable Horseshoe:</p> <p>Number of lifebuoys fitted with drogues.</p> <p>Number of lifebuoys fitted with buoyant lines.</p> <p>Number of approved lifebuoy lights.</p> <p>Is a Danbuoy carried (sailing vessels only) <input type="checkbox"/> YES <input type="checkbox"/> NO</p> <p>If Inflatable Horseshoes &amp;/or Danbuoy used, are they within service date? <input type="checkbox"/> YES <input type="checkbox"/> NO</p> <p>Are Lifebuoys marked with Name of Vessel and second form of ID? <input type="checkbox"/> YES <input type="checkbox"/> NO</p>	



Code	DETAILS	Surveyor's Use																																
13.4	<p><b>Lifejackets</b></p> <p>DOT approved / BS EN396 / MED fitted with whistle, retro-reflective tape and light.            Note that when lifejackets are inflatable and additional 10% or 2, whichever is the greater are required.            Adult size total inflatable:            Total non Inflatable:            Child size:            Total number:            Within service dates? <input type="checkbox"/> YES <input type="checkbox"/> NO</p>																																	
13.5	<p><b>Thermal Protective Aids</b></p>																																	
13.5.1	<p>Are TPAs stowed in the "Grab Bag"? <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A</p> <p>Number of thermal protective aids:</p>																																	
13.6	<p><b>Portable VHF Radio</b></p> <p>List Make and model:</p>																																	
13.7	<p><b>406 MHz EPIRB.</b> (categories 0 and 1 only)</p>																																	
13.7.1	<p>List Type:</p>																																	
	<p>Is EPIRB Float Free? <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A</p>																																	
	<p>Expiry Date of EPIRB Hydrostatic Release:</p>																																	
	<p>Confirm Function Test <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A</p>																																	
13.7.2	<p>On Vessel with less than 16 Persons is EPIRB stowed accessibly and ready to place in Liferaft <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A</p>																																	
13.7.3	<p><b>EPIRB</b> serviced as per manufacturer and registered <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A</p>																																	
13.8	<p><b>SART.</b> (Categories 0 and 1 only)</p>																																	
	<p>Make and Model. (See annex 2, note 8)</p>																																	
	<p>SART mmsi number</p>																																	
13.9	<p><b>General alarm.</b> (Vessels carrying 15 persons) <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A</p>																																	
13.10	<p><b>Pyrotechnics</b></p>																																	
	<p>Flares, Smoke Signals and Pyrotechnics MED approved (wheelmarked) or comply with MSN1676 (does not apply to hand held smoke signals) <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A</p>																																	
	<p><b>Distress flares.</b> All in date? <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A</p>																																	
	<table border="1"> <thead> <tr> <th>Category <small>(list quantities under Area Cat)</small></th> <th>6</th> <th>5</th> <th>4</th> <th>3</th> <th>2</th> <th>1</th> <th>0</th> </tr> </thead> <tbody> <tr> <td>Parachute Flares</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Red hand Flares</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Buoyant or hand smoke Signals</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	Category <small>(list quantities under Area Cat)</small>	6	5	4	3	2	1	0	Parachute Flares								Red hand Flares								Buoyant or hand smoke Signals								
Category <small>(list quantities under Area Cat)</small>	6	5	4	3	2	1	0																											
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Code	DETAILS	Surveyor's Use
<p><b>13.11</b></p>	<p><b>Training Manual.</b> Containing the following information?</p> <p>Donning and use of lifejackets <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A</p> <p>Launching and boarding of life raft <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A</p> <p>Use of flares <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A</p> <p>Use of the life raft radar reflector <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A</p> <p>Use of the portable VHF radio, and EPIRB and SART (if carried) <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A</p> <p>Use of the life raft drogue <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A</p> <p>Hazards of exposure and use of warm clothing <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A</p> <p>Use of life raft equipment <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A</p> <p>Helicopter rescue, including the use of strop and stretcher <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A</p> <p>Garbage disposal plan <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A</p>	





Code	DETAILS	Surveyor's Use						
14.8.2	If single means of escape from accommodation is accepted are fire detectors provided to give early warning <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A Describe Accommodation Fire Detectors:-							
14.8.3	Means of Escape clearly marked on both Sides <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A Escape function demonstrated to satisfaction of CA <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A							
14.8.4	Sailing Multi-Hull over 12 metres Length has suitable Escape Hatches above upright and inverted waterlines <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A							
<b>Para 15</b>	<b>FIRE FIGHTING APPLIANCES</b>  <b>15.2</b> Vessel less than 6 metres in Cat 6 Waters <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A <b>15.3</b> Open Vessels / RIBS up to 8 metres with no Deckhouse <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A <b>15.4</b> Under 15 metres with 15 or Less Persons not 15.2 or 15.3 <input type="checkbox"/> YES <input type="checkbox"/> NO <b>15.5</b> Vessels 15 metres or more or 16 or more Persons <input type="checkbox"/> YES <input type="checkbox"/> NO  List Portable Extinguishers by Compartment:  <table border="1" data-bbox="280 1039 1235 1133"> <thead> <tr> <th data-bbox="280 1039 608 1093">Compartment</th> <th data-bbox="608 1039 930 1093">Extinguisher Type</th> <th data-bbox="930 1039 1235 1093">Fire Rating</th> </tr> </thead> <tbody> <tr> <td data-bbox="280 1093 608 1133"></td> <td data-bbox="608 1093 930 1133"></td> <td data-bbox="930 1093 1235 1133"></td> </tr> </tbody> </table>  <b>15.6</b> <b>Fire Extinguishing in Machinery Spaces</b> Describe the machinery space extinguishing system:	Compartment	Extinguisher Type	Fire Rating				
Compartment	Extinguisher Type	Fire Rating						





Code	DETAILS	Surveyor's Use						
	List radio navigational aids, log and echo sounder fitted:- <table border="1" data-bbox="280 185 1235 280"> <thead> <tr> <th data-bbox="280 185 608 239">Item</th> <th data-bbox="608 185 930 239">Make</th> <th data-bbox="930 185 1235 239">Model</th> </tr> </thead> <tbody> <tr> <td data-bbox="280 239 608 280"></td> <td data-bbox="608 239 930 280"></td> <td data-bbox="930 239 1235 280"></td> </tr> </tbody> </table>	Item	Make	Model				
Item	Make	Model						
<b>Para 19</b>  <b>19.1</b>	<b>MISCELLANEOUS EQUIPMENT</b>  <b>Nautical Publications</b>  <b>Vessels under 12 metres length</b> Up to date charts for the area of operation corrected regularly <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A Nautical Almanac with: <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A Tide Tables; Tidal Stream Atlas; List of Radio Signals; and International Code Signals <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A  <b>Vessels over 12 metres length</b> Up to date charts for the area of operation corrected regularly <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A Tide tables <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A Tidal stream atlas <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A Sailing directions <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A List of radio signals <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A  19.2 Signalling lamp or searchlight <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A 19.3 Radar reflector (complying with M Notice 1638 or as amended) <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A 19.4.1 Barometer (other than dedicated pilot boat) <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A 19.4.2 Inclinator for Sailing Monohull in Cat 0 or 1 or with 16 Persons <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A 19.4.3 Anemometer for Sailing Monohull in Cat 0, 1, 2, 3 <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A 19.5 Searchlight for Cat 0, 1, 2 or 3 <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A 19.6 Wire cutting equipment (sailing vessels only) <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A							





Code	DETAILS	Surveyor's Use
<b>Para 21</b>	<b>ACCOMMODATION (General)</b>	
21.1.1	Are there adequate handholds and grab rails?	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
21.1.2.1	Is all heavy equipment secure?	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
21.1.2.2	Storage lockers with heavy items have secure lids / doors	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
21.1.4	Is there adequate ventilation to all accommodation spaces	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
21.1.5	Hot water systems suitable for the operating pressure	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
21.2.1	Vessels on Long International Voyages – 6 Air Changes / Hour	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
21.2.2	Electric Light to all Accommodation and Working Spaces	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
21.2.3.1	Adequate FW Tankage and Piping	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
	2 Litres Emergency Fresh Water per Person	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
21.2.4	Bunk or Cot for each Person onboard	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
	50% of Bunks fitted with Leeboard or Leecloth	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
21.2.5	Galley has cooker, sink and working surface	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
21.2.5.2	Is the cooker secure?	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
	Is cooker gimballed?	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
	Is gimballed cooker able to be locked off?	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
	If yes, is a strap or bar fitted to secure the Cook	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
21.2.6.1	Adequate toilets with washbasins	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
21.2.6.2	1 Flushing Marine Toilet and 1 Washbasin for every 12 Persons?	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
21.2.7	Adequate stowage for personal effects for all on board?	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
<b>Para 22</b>	<b>PROTECTION OF PERSONNEL</b>	
22.1	Deckhouse of Adequate Strength	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
<b>22.2</b>	<b>Bulwarks, Guardrails and Handrails</b>	
22.2.2	Bulwarks or 3 Courses of Rails or taut Wires with top of Bulwark or top Course 1000mm above Deck. Distance between lowest Course and Deck not less than 230mm and between other Courses not less than 380mm	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
	If proper working of Vessel would be impeded or there are not Persons frequently on Deck are alternative measures considered – see ISO 15085	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
	If yes, Describe arrangements:	
22.2.3	If cockpit is open aft to sea are additional guardrails fitted so that no opening is wider than 500mm	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
22.2.4	Are alternative arrangements made for Vessel in Cat 6 where it is impractical to fit guardrails? If yes Describe:-	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
22.2.5	Adequate handrails for stairwells, ladders and decks without Bulwarks or Guardrails	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
22.2.6	Adequate Handgrips, toeholds and handrails fitted in a RIB to Ensure Safety of all in worst Weather conditions likely	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A

Code	DETAILS	Surveyor's Use
22.3	<p><b>Sailing Vessels</b></p> <p>22.3.1 600mm High Bulwarks or 2 Courses of Rails or taut Wires around Working Decks supported at intervals of not less than 2200mm <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A</p> <p>22.3.2 For Vessel under 9 metres length where crew do not leave the cockpit Bulwarks or a single Course of taut wire not less than 450mm high with no vertical opening greater than 560mm <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A</p> <p>22.3.3 For vessel with a headstay a fixed or drop nose Bow Pulpit at least as high as guardrails, except in way of a substantial bowsprit, and with closure at guardrail height <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A</p> <p>22.3.4 Where Pulpit is open at centre for access to a Bowsprit Is there and efficient means of closure <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A and Jackstays fitted <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A</p>	
22.4	<p><b>Safety Harnesses (Sail all, Motor 2 required)</b></p> <p>Number fitted - Adult</p> <p>Number fitted - Child</p> <p>22.4.3 Jackstays required on exposed Decks for attaching Harnesses <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A</p> <p>22.4.4 Harness Fastening Points close to Companionway and at both sides of Cockpit <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A</p> <p>22.4.5 If Guard Rails or Wires not provided or do not meet 22.2 or 22.3 Jackstays to be fitted full length of Decks <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A</p> <p>22.4.6 Jackstays for Sailing Vessels in Cat 0, 1, 2, or 3 <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A</p> <p>22.4.7 For Motor Vessels with Guard Rails at less than required height suitable signage to delineate Crew Only Deck Areas and alternative arrangements for Crew Protection <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A</p> <p>22.4.8 With Open fronted Pulpit Jackstays extend right forward <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A</p>	
22.5	<p><b>Toe Rails</b></p> <p>For Sailing Vessel Toe rail not less than 25mm high around Working Deck <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A</p>	
22.6	<p><b>Safe Location</b></p> <p>Safe Location for all Persons in a RIB or Non-Decked Vessel <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A</p>	

Code	DETAILS	Surveyor's Use
<b>22.7</b>  22.2.5 22.2.6 22.7.3 22.7.4	<b>Surface of Working Decks</b>  Surface of Working Decks to be Non Slip (select option fitted) <input type="checkbox"/> Chequer Plate <input type="checkbox"/> Unpainted Wood <input type="checkbox"/> Moulded in Pattern <input type="checkbox"/> Non Slip Covering Hatch Lids and Flat Coachroof Sides adequately Non Slip <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A Upper Surface of RIB Buoyancy Tubes has a Non Slip finish <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	
<b>22.8</b>	<b>Recovery of Persons from Water</b>  Overside Boarding Ladder <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A or Scrambling Net <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A extending from Weather Deck at least 600mm below water <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A Or other means; Describe;	
<b>22.9</b>  22.9.1.1 22.9.1.2 22.9.1.3	<b>Personal Clothing</b>  Owner advised of responsibility to ensure: Clothing for each Person appropriate to sea and air temperature <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A In sea temperature under 10 degrees Dry Suits or Immersion Suits for All <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A Footwear for each Person with Non Slip Soles <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	
<b>22.10</b>	<b>Noise</b>  Vessel meets Noise Level Req'ts as listed in Section 22.10 <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	
<b>Para 23 &amp; Annex 2</b>	<b>MEDICAL STORE.</b> Select type provided. (see latest M Notices which supersede the requirements in the Code) <input type="checkbox"/> <b>Category 0 Vessels</b> <input type="checkbox"/> Category A Medical stores <input type="checkbox"/> <b>Category 1 Vessels</b> <input type="checkbox"/> Category B Medical stores <input type="checkbox"/> <b>Category 2, 3 &amp; 4 Vessels or Bare Boats</b> <input type="checkbox"/> Cat C Medical stores	
<b>Para 24</b>	<b>TENDER</b> (If fitted)  Marked with carrying capacity & max number? <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	
<b>Para 25</b>  <b>25.1</b>	<b>REQUIREMENTS SPECIFIC TO THE USE OF THE VESSEL</b>  Taut Luff Storm Jib <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A Adequate facility to attach or hank on Storm Jib <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A <input type="checkbox"/> Tri-Sail <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A <input type="checkbox"/> Deep Reef Main (60% hoist)	

**REPORT BY THE SURVEYOR ON THE MATERIAL CONDITION OF THE VESSEL.**

- 1. This vessel is a new build
- 2. This vessel has been used at initial survey
- 3. This vessel is a re-coding inspection (5<sup>th</sup> year or due to cancellation)
- 4. This vessel is inspected on transfer from another CA
- 5. This vessel is an overseas vessel operating in UK water under SI [1998/1609 or 1998/2771]

(Surveyor to select whichever is appropriate)

**A current out of water photograph must accompany this survey.**

The surveyor is to **SELECT** the appropriate entry to indicate the condition of the vessel when seen out of the water. The headings below are for guidance and may not be applicable to the vessel concerned. The Surveyor is at liberty to add as seen fit. Should the Surveyor find deterioration sufficient to preclude the issue of a Certificate they are to refer the matter back to the Owner/Managing Agent and is not to sign the form until repairs are completed to their satisfaction.

Each section to be classed as either:-

- 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. The Owner/Managing Agent is to be informed and is to initial the entry to confirm his awareness of the problem.

**EXTERNAL EXAMINATION**

- |  |                            |                            |
|--|----------------------------|----------------------------|
| 1. Keel and keel to hull joint                           | <input type="checkbox"/> A | <input type="checkbox"/> B |
| 2. Rudder blade and hangings                             | <input type="checkbox"/> A | <input type="checkbox"/> B |
| 3. Shaft, propeller and associated stern gear            | <input type="checkbox"/> A | <input type="checkbox"/> B |
| 4. Skin fittings   | <input type="checkbox"/> A | <input type="checkbox"/> B |
| 5. Underwater hull                                       | <input type="checkbox"/> A | <input type="checkbox"/> B |
| 6. Cathodic protection                                   | <input type="checkbox"/> A | <input type="checkbox"/> B |
| 7. Topsides  | <input type="checkbox"/> A | <input type="checkbox"/> B |
| 8. Deck  | <input type="checkbox"/> A | <input type="checkbox"/> B |
| 9. Deck fittings   | <input type="checkbox"/> A | <input type="checkbox"/> B |
| 10. Chain plates and shroud anchorages                   | <input type="checkbox"/> A | <input type="checkbox"/> B |
| 11. Windows  | <input type="checkbox"/> A | <input type="checkbox"/> B |
| 12. Steering gear  | <input type="checkbox"/> A | <input type="checkbox"/> B |
| 13. Mast and rig (general condition views from the deck) | <input type="checkbox"/> A | <input type="checkbox"/> B |
| .....  | <input type="checkbox"/> A | <input type="checkbox"/> B |
| .....  | <input type="checkbox"/> A | <input type="checkbox"/> B |

**INTERNAL EXAMINATION**

- |   |                            |                            |
|---|----------------------------|----------------------------|
| 14. Skin fittings including pipe work and toilets   | <input type="checkbox"/> A | <input type="checkbox"/> B |
| 15. Structural bonding, including bulkheads, framing, floors and longitudinals. Engine bearers and deck joint | <input type="checkbox"/> A | <input type="checkbox"/> B |
| 16. Shroud attachment and reinforcement   | <input type="checkbox"/> A | <input type="checkbox"/> B |
| 17. Engine mounting   | <input type="checkbox"/> A | <input type="checkbox"/> B |
| 18. Engine pipe work  | <input type="checkbox"/> A | <input type="checkbox"/> B |
| 19. Stern glands, stern tube and propeller shaft  | <input type="checkbox"/> A | <input type="checkbox"/> B |
| 20. Cathodic protection   | <input type="checkbox"/> A | <input type="checkbox"/> B |
| 21. Electrical wiring   | <input type="checkbox"/> A | <input type="checkbox"/> B |
| 22. Keel attachment and surrounding area  | <input type="checkbox"/> A | <input type="checkbox"/> B |
| 23. Steering gear and emergency steering  | <input type="checkbox"/> A | <input type="checkbox"/> B |
| 24. Tanks   | <input type="checkbox"/> A | <input type="checkbox"/> B |
| .....   | <input type="checkbox"/> A | <input type="checkbox"/> B |
| .....   | <input type="checkbox"/> A | <input type="checkbox"/> B |
| .....   | <input type="checkbox"/> A | <input type="checkbox"/> B |

**DECLARATIONS****A. By the Surveyor**

I have examined the **Vessel** \_\_\_\_\_ **Unique Number** \_\_\_\_\_ **at** \_\_\_\_\_ (OW) on \_\_\_\_\_ and \_\_\_\_\_ (IW) on \_\_\_\_\_ (out of water photo must be attached to this document).

I believe that the vessel complies with the requirements of the MGN 280 Alternative Construction Standards.

Date:

Name of IIMS Nominated Surveyor:

Signature:

**B. By the**  **Owner**  **Managing Agent** (Select as appropriate).

I declare that the vessel is designed, built and equipped as described on this form and I hereby undertake:

1. To maintain the vessel in a sound and seaworthy condition.
2. To report any changes to the details shown on this form.
3. To notify the Certifying Authority of any collision or grounding, fire or other event causing major damage. (Any repairs must be approved by the IIMS)
4. To make the vessel available for examination by the MCA inspectorate or to the Certifying Authority at any time during the validity of this certificate.
5. The Owner agrees to comply with the Marpol Clean Seas Act and the Vessel Manning Procedures contained within MGN280.
6. **To submit a photocopy of this page with the appropriate fee on the due date in return for an annual hard card Certificate. (A three month period of grace is given before the certificate will be cancelled in years 1,2&4. Year 3 there is no period of grace)**
7. To keep the SCV certificate, the SCV2, and the annual card certificate on board the vessel at all times.
8. That the manning and operation of the vessel complies with annex 3 in MGN 280.
9. **That I will inform the IIMS IMMEDIATELY if the Vessel is sold at which point this certificate will be cancelled.**

Signature of  Owner  Managing Agent

Print Name

Dated

**Cat 0 & Cat 1 vessels require annual examinations by an IIMS surveyor.**

**ANNUAL REVIEW SIGNATURE SECTION**1<sup>st</sup>

**First annual examination - to be carried out by:**  Owner  Agent  Marine Surveyor (select as required)

Date Review Due:

Print Name

Signature

Date Review Carried out:

2<sup>nd</sup>

**Second annual examination - to be carried out by:**  Owner  Agent  Marine Surveyor (select as required)

Date Review Due:

Print Name

Signature

Date Review Carried out:

3<sup>rd</sup>

**Third annual examination must be carried out by an IIMS Examiner – Renewal Date Must Not Be Exceeded.**

Date Review Due:

Print Name

Signature

Date Review Carried out:

4<sup>th</sup>

**Fourth annual examination-to be carried out by:**  Owner  Agent  Marine Surveyor (select as required)

Date Review Due:

Print Name

Signature

Date Review Carried out:

5<sup>th</sup>

**Fifth Year Survey must be carried out by an IIMS Examiner. This is an out of water survey that must be completed by;**

Date: \_\_\_\_\_