



# IRISH WATER SAFETY

## Inspection for VAT Refund Certificate

This inspection form is used by IWS VAT Inspectors during their station inspection for application or renewal of a Certificate in connection with the VAT Refund for Sea Rescue Boat, Equipment and Storage Buildings

### Notes about this inspection form

1.1.1

1.1.2 **Capacity Plate**

The Rescue Boat must display a clearly and indelibly printed or engraved plate displaying the following:-

- Name of boat manufacturer or importer and country of origin
- Date of Build
- Design Category
- Maximum all up load capacity
- Maximum recommended number of persons that the boat is designed to carry when under way.
- Maximum engine power in HP and/or kW
- Recommended working pressure of buoyancy tubes (inflatables and RIBs)
- Maximum engine mass on transom

Maximum number of personnel calculation must take into account the maximum all up load capacity, crew weight and any additional fittings as stores etc.

For calculation purposes the weight of a fully equipped and dressed Rescue Boat crewmember is assumed to be 100kg. The weight of an adult survivor is assumed to be 90kg and a child survivor 37.5kg.. If a boat displays other capacity plates to avoid ambiguity a separate clearly marked Rescue Boat Code plate is required.

### Freeboard

The boat shall have sufficient freeboard considering its operational limits and the maximum load specified on the capacity plate. Freeboard markings are not required for rescue Boats. The minimum freeboards recorded during the tests and the permissible maximum weight which can be carried should be recorded on the certificate for the vessel.

A **Rigid Hull** open boat in sea water, when loaded to the maximum all up weight specified on the capacity plate, must have a minimum freeboard giving a clear height of side ( water to the lowest point of the gunwale) of not less than 400mm for boats under 7m LOA and not less than 690mm for boats of 15m LOA

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The freeboard of an **Inflatable boat or Boat fitted with a Buoyant Collar** should be not less than 300mm measured from the upper surface of the buoyant tubes and not less than 250mm at the lowest part of the transom with all equipment, fuel, cargo, activity related equipment and the number of persons for which it is to be certified onboard, with the boat re-trimmed as necessary to represent a normal operating condition, and with the drainage socks (if fitted) tied up.

- Boats operating in Operational Limit Category D only (significant wave height .3m and Beaufort wind force maximum 4), which, at the transom, do not meet the freeboard requirements of the above (not less than 250mm), may still be accepted by the Rescue Boat Certifying Authority provided it can be demonstrated that the boat is self-draining when moving ahead, and has a substantial reserve of buoyancy.

### **Boat equipment page 2**

The survivor's bag referred to is separate to the standard black bag commonly referred to as a body bag.

Survivor's bag            this is the large orange zip bag that has loops attached on both sides and can be used as a stretcher using oars through the handles

**Righting Bag (RIB)** the reason this item is listed advisable and not as essential or desirable is because it is under review in the context of what size RIB it should apply to. It is expected that any station using a RIB as their primary response craft will be required to have a righting air bag. Stations that have secondary smaller ribs that may be used for training or publicity reasons would also be required to have righting bags fitted to them, even if not used in a primary role.

For boats that have righting bags fitted the service record of the bag will need to be inspected.

Legend                    E = Essential  
                                  D = Desirable  
                                  S = Serviceable  
                                  U/S = Unserviceable

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### PRE INSPECTION PROCEDURE

- Irish Water Safety National Office will contact the Chairman of the Rescue Commission, who will appoint the VAT Inspectors.
- Irish Water Safety National Office will forward copies of the last station inspection to the VAT Inspectors.
- If it is a first time inspection, Irish Water Safety National Office will forward copies of the application form from Station, to the VAT Inspectors.
- The VAT Inspectors will contact the Station and agree a date for the inspection.

### POST INSPECTION PROCEDURE

#### **1. Station Fails:**

- The Station Management Committee will be informed by the VAT Inspectors the reason for failure and that the Irish Coast Guard will be informed.
- The VAT Inspectors will contact the Irish Water Safety CEO by phone and requests him to notify the Irish Coast Guard, Asst. Director Operations, of the Stations failure. This will be followed by a letter and copy of the Inspection Form when it is received at Irish Water Safety National Office.

#### **2. Station requires items rectified / systems to be put in place:**

- The VAT Certificate Confirmation to Revenue Commissioners will be withheld by Irish Water Safety National Office pending confirmation from the VAT Inspectors that shortfalls have been addressed.
- The Station Management Committee will be informed on the inspection day that confirmation in writing must be forwarded to Irish Water Safety National Office, for the attention of the VAT Inspectors, within 3 weeks that all the requirements of VAT Inspectors have been addressed.
- Depending on the items or systems that need to be rectified or put in place the VAT Inspectors will decide if a revisit to station is required. If a revisit is

required the Station will be liable for the travel and subsistence costs of the VAT Inspectors.

**3. *Station Passes:***

- The Station Management Committee will be informed on the day.
- Irish Water Safety National Office will issue a VAT Certificate Confirmation to Revenue Commissioners.
- Irish Water Safety National Office will advise the Irish Coast Guard that the Station has passed the inspection.
- The VAT Inspectors will forward the Inspection for VAT Refund Form WS 2 to Irish Water Safety National Office.

# IRISH WATER SAFETY

## Inspection for VAT Refund Certificate

Station Name: \_\_\_\_\_

Inspection date: \_\_\_\_\_

Inspectors: \_\_\_\_\_

### STATION EQUIPMENT

Item		Yes	No	Number	Serviceable / Unserviceable	Notes
Water Supply	E					
Hose (wash down)	E					
Lighting	E					
Heating	D					
De-Humidifier	D					
Fire Extinguisher	E					
Fire Blanket	E					
First Aid Kit	E					
Gloves (disposable)	E					
Stretcher	D					
Accident Book	E					
Base radio	E					
Radio Log Book	E					
Station Diary	E					
Crew Chart (list Helm/Crew)	E					
Binoculars	E					
Torch	E					
Thermal Suit	E					
Dry suits	E					
Lifejackets	E					
Helmets	E					
Gloves (working)	E					
Casualty / recovery bags	E					
Launching trailer	E					
Jeep } Quad } Tractor } List which items are present	D					

Legend

E = Essential  
D = Desirable  
S = serviceable  
U/S = unserviceable

# IRISH WATER SAFETY

## Inspection for VAT Refund Certificate

### Station Safety Management Records

Question	Present Y or N	Notes
Inspect last annual return of service		
View the Health, Safety & welfare statement		
View the Station risk assessments and Safety Plans are in place and up to date		
<ul style="list-style-type: none"><li>• Fuel storage</li><li>• Fueling operations</li><li>• Pollution control</li><li>• Fire control</li><li>• Control of hazardous substances</li><li>• Accident Record Book</li></ul>		
View the Boat risk assessments and Safety Plans are in place and up to date		
<ul style="list-style-type: none"><li>• Road Trailing operations</li><li>• Launching operations</li><li>• Normal operation procedures</li><li>• Emergency operating procedures</li><li>• Boat recovery operations</li></ul>		
<ul style="list-style-type: none"><li>• View training plan</li><li>• View training records</li><li>• View exercise records</li><li>• View crew logs</li><li>• Record up to date qualifications in Appendix 1 &amp; 2</li></ul>		

<ul style="list-style-type: none"> <li>• View maintenance records</li> <li>• View maintenance plans</li> </ul>		
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# IRISH WATER SAFETY

## Inspection for VAT Refund Certificate

### BOAT EQUIPMENT / BOAT 1 / BOAT NAME:

Item		Yes	No	Number	Serviceable / Unserviceable	Notes
Fuel tanks	E					
Fuel lines	E					
Water separators	D					
Anchor storage	E					
List details of Anchor type & weight	E					
List details of Anchor warp size and length	E					
Sea Anchor	E					
VHF Radio	E					
Emergency Aerial	E					
First Aid Kit	E					
Lifejackets(survivors)	E					
Space Blanket	E					
Survivors bag	E					
Fire Extinguisher	E					
Righting Bag (RIB)	Advisable - see notes					See service record
Bow Painter	E					
Towing Harness	E					
Throwing Line	E					
Knife	E					
Oars/Paddles	E					
Search Pattern Map	E					
Compass	E					
Stop Watch	E					
Torch	E					
Spot Lamp	D					
Navigation Lights	D					
Binoculars	D					
Flares Red	E					
Flares White	E					
Flares Smoke	D					

Flares Combination on lifejacket	D					
Spare propeller	E					
Tool kit	E					
Spare plugs	E					
Spare O-ring, split pin & thrust washer	E					
Foot pump & hose with connectors	E					

# IRISH WATER SAFETY

## Inspection for VAT Refund Certificate

### BOAT EQUIPMENT / BOAT 2 / BOAT NAME:

Item		Yes	No	Number	Serviceable / Unserviceable	Notes
Fuel tanks	E					
Fuel lines	E					
Water separators	D					
Anchor storage	E					
List details of Anchor type & weight	E					
List details of Anchor warp size and length	E					
Sea Anchor	E					
VHF Radio	E					
Emergency Aerial	E					
First Aid Kit	E					
Lifejackets(survivors)	E					
Space Blanket	E					
Survivors bag	E					
Fire Extinguisher	E					
Righting Bag (RIB)	Advisable - see notes					See service record
Bow Painter	E					
Towing Harness	E					
Throwing Line	E					
Knife	E					
Oars/Paddles	E					
Search Pattern Map	E					
Compass	E					
Stop Watch	E					
Torch	E					
Spot Lamp	D					
Navigation Lights	D					
Binoculars	D					



Flares Red	E					
Flares White	E					
Flares Smoke	D					
Flares Combination on lifejacket	D					
Spare propeller	E					
Tool kit	E					
Spare plugs	E					
Spare O-ring, split pin & thrust washer	E					
Foot pump & hose with connectors	E					

# IRISH WATER SAFETY

## Inspection for VAT Refund Certificate

### BOAT EQUIPMENT / BOAT 3 / BOAT NAME:

Item		Yes	No	Number	Serviceable / Unserviceable	Notes
Fuel tanks	E					
Fuel lines	E					
Water separators	D					
Anchor storage	E					
List details of Anchor type & weight	E					
List details of Anchor warp size and length	E					
Sea Anchor	E					
VHF Radio	E					
Emergency Aerial	E					
First Aid Kit	E					
Lifejackets(survivors)	E					
Space Blanket	E					
Survivors bag	E					
Fire Extinguisher	E					
Righting Bag (RIB)	Advisable - see notes					See service record
Bow Painter	E					
Towing Harness	E					
Throwing Line	E					
Knife	E					
Oars/Paddles	E					
Search Pattern Map	E					
Compass	E					
Stop Watch	E					
Torch	E					

Spot Lamp	D					
Navigation Lights	D					
Binoculars	D					
Flares Red	E					
Flares White	E					
Flares Smoke	D					
Flares Combination on lifejacket	D					
Spare propeller	E					
Tool kit	E					
Spare plugs	E					
Spare O-ring, split pin & thrust washer	E					
Foot pump & hose with connectors	E					

# IRISH WATER SAFETY

## Inspection for VAT Refund Certificate

### ENGINE EQUIPMENT

Item	Details	Condition & Notes
Make		
H.P.		
Age		
Serial No.		
Maint. Log		
Make		
H.P.		
Age		
Serial No.		
Maint. Log		
Make		
H.P.		
Age		
Serial No.		
Maint. Log		
Make		
H.P.		
Age		
Serial No.		
Maint. Log		

# IRISH WATER SAFETY

## Inspection for VAT Refund Certificate

### BOAT DETAILS

<b>Boat 1</b>	<b>Details</b>	<b>Condition &amp; Notes</b>
Make		
Model		
Capacity Plate		Present with listed details?
Age		
Length overall		
Beam		
Colour hull		
Colour tubes		
Storage pockets		
Hand grips		
Endurance time at sea:		
<b>Boat 2</b>	<b>Details</b>	<b>Condition &amp; Notes</b>
Make		
Model		
Capacity Plate		Present with listed details?
Age		
Length overall		
Beam		
Colour hull		
Colour tubes		
Storage pockets		
Hand grips		
Endurance time at sea:		
<b>Boat 3</b>	<b>Details</b>	<b>Condition &amp; Notes</b>
Make		
Model		
Capacity Plate		Present with listed details?
Age		
Length overall		
Beam		
Colour hull		

Colour tubes		
Storage pockets		
Hand grips		
Endurance time at sea:		

# IRISH WATER SAFETY

## Inspection for VAT Refund Certificate

### Crew

Question	Name	length of service
List Helms:		
List Crew:		
List trainee crew:		
List shore crew		


# IRISH WATER SAFETY

## Inspection for VAT Refund Certificate

STATION MANAGEMENT		
No.	Name	Address & phone number
	Chairman:	
	Secretary:	
	Treasurer:	
	Launching Authority 1:	
	Launching Authority 2:	
	Launching Authority 3:	
	Training officer	
	Maintenance officer	
	Health Safety & Welfare officer	
	Station address	
	Station phone	

	Station email	
	Station web / Facebook address	

# IRISH WATER SAFETY

## Inspection for VAT Refund Certificate

### AT SEA INSPECTION

No.	Inspection item	Pass / Fail / Retrain
1	Launch procedure – all elements	
2	Crew positions and underway	
3	Slow speed handling	
4	Coming alongside	
5	Picking up a mooring buoy	
6	Paddle / row 50 distance	
7	Set up a stern tow & explain when used	
8	Set up an alongside tow & explain when used	
9	Set up and lay anchor	
10	Change propeller	
11	Demonstrate post capsized engine restart	
12	High speed handling & crew understanding	
13	Handling in surf / confused waves	
14	Use of sea anchor & explain when used	
15	Beaching <b>IF SAFE TO DO SO</b>	
16	Veering down <b>IF SAFE TO DO SO</b>	
17	Carry out Search patterns	
18	Helm a compass bearing	
19	M.O.B.	
20	Recover person in to boat	
21	Discuss changing engine start cord	
22	Discuss Rigging emergency Ariel	
23	Discuss Use plotter / handheld GPS	
24	Discuss Stand down / call off search procedures	
25	Discuss Basic navigation	
26	Discuss use and care of flares	
	Inspection date	
	Inspectors name	

The Inspector shall assess the Helm & Crew in any or all of the above items and may use mock training drills to assess several items at once

**Inspectors comments:**


# IRISH WATER SAFETY

## Inspection for VAT Refund Certificate

*Recommendations for Improvement*


*Any items/systems to be put in place before Station passes inspection:*


Station inspector

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Seagoing inspector

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Inspection date:

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<b>Inspection outcome</b>	<b>PASS</b> <b>FAIL</b> <b>Items to be put in place to pass</b>
Confirmation letter from station & date confirming items/systems, requested at inspection are now in place	
Date of Letter of acceptance issued to Revenue Commissioners	

# **IRISH WATER SAFETY**

## **Inspection for VAT Refund Certificate**

### **Notes**