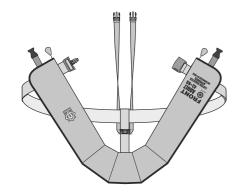


TRANSPORT CANADA APPROVED **SOLAS APPROVED** TWIN CHAMBER 275N LIFEJACKET

2010 **CREWFIT TWIN SEACREWSADER 2010**







SEACREWSADER 2010 & CREWFIT TWIN 2010 TWIN CHAMBER 275N SOLAS APPROVED LIFEJACKET

Lloyds Register Approved, Authorised by MCA

BS EN ISO 12402-2 & 12401

CE 0514

For use in extreme sea conditions, when heavy protective clothing is being worn or when extra loads are being carried. The jackets will give improved assurance of safety from drowning to persons who are not fully capable of helping themselves. These are not Personal Flotation Devices until fully inflated. Temperature limits: -30°C to +65°C.

These Lifejackets are designed to meet the SOLAS 2010 regulations according to MSC 81(70) as amended by MSC 200(80). MSC 207(81) and MSC 226(82). The Lifejackets outperform these requirements, providing increased performance in the most demanding environments with improved body angle, mouth freeboard and face plane angles making the Seacrewsader 2010 and the Crewfit Twin 2010 even safer at sea. The improved rotating times and new unique inflation chamber (patent pending) provide unrivaled comfort and support. They are easy to don and comfortable to wear and with a more compact cover. These universal adult size Lifejackets are suitable for persons from a minimum weight of 43kg and will fit a chest size of up to 1750mn

GENERAL DESCRIPTION

The Seacrewsader 2010 and the Crewfit Twin 2010 are Lifejackets for extreme working environments and also suitable for abandonment purposes. The high buoyancy level provides added protection when heavy work gear and clothing is worn. Both Lifejackets have each chamber fitted with a 60g CO₂ cylinder and a 2.5 psi relief valve ensuring full buoyancy of 290N is achieved during single or double chamber inflation

The Seacrewsader 2010 is available with a Standard, Heavy Duty or Fire-proof cover. The Crewfit Twin is available with a Standard or Heavy Duty cover. Both Lifejackets are available with an integral Deck Safety Harness and with a factory fitted Spray Hood. The standard versions of the Seacrewsader 2010 and Crewfit Twin 2010 can be worn over a separate Deck Safety Harness or Fall Arrest Harness. This lifejacket must be serviced at least annually under normal use.

Deck Sarety Harness BS EN ISO 12401

On a Lifejacket with harness, the waistbelt is replaced by a harness belt secured with an interlocking stainless steel buckle. The harness belt should fit across the chest and be adjusted to a tight comfortable fit. Safety harnesses and safety lines are intended to prevent the user falling overboard. A deck safety harness and safety line do not provide protection from falls from a height. Safety harnesses may transmit very large forces to the anchorage point. If the Harness has been subject to an exceptional shock load it should be returned to Crewsaver for inspection. Please remember it is not safe to wear a harness loose.

Standard Automatic Inflation - Fitted to Seacrewsader 2010
Automatic inflation of the lifejacket is achieved by an efficient and lightweight automatic operating unit with replaceable capsule and CO₂ cylinder. Tests on this component have constantly shown 4 second inflation times from initial immersis

par Hydrostatic Inflation - Fitted to Crewfit Twin 2010

This device is operated by water pressure and automatically inflates the lifejacket when the lifejacket is a minimum of 100mm below the water. It is not affected by rain or spray.

manual das initiation If by any chance one or both automatic mechanisms do not operate when the wearer jumps into the water or for a demonstration on dry land, the gas cylinders can be fired manually by pulling the lanyards located outside the cover at the bottom of each lobe of the lifejacket.

The lifejacket incorporates 2 mouth inflation tubes (one for each chamber) each containing a non-return valve for oral

The inigracian to object and to allow for deflation after use. The step dead to have years dead to the upper right chamber its positioned adjacent to the neck hole and the second oral inflation tube located on the upper right chamber with the tube extending through the inflation chamber between the chin support and main chamber.

Light
The lifejacket is fitted with a MED approved light as standard. The light is activated by pulling the operating ring downwards. The ring is designed to detatch from the housing. To switch the light off refit the ring and push the plunger back into the body of the light. If an automatic light is fitted no user interaction is required as light will activate when the switch is immersed in water, to turn the light off pull the switch out of the water or use the manual off switch.

This lifejacket can be purchased with a factory fitted sprayhood. The spray hood is deployed once the lifejacket is inflated. The sprayhood is donned by pulling the hood over the head and forward passing the webbings over the bottom of the inflation chamber.

Buddy Line To enable tethering to a person or object to make location and rescue easier. NOT TO BE USED FOR LIFTING

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DO NOT ATTEMPT ANY REPAIRS YOURSELF

button on base of operating heads. Check the COZ cylinders are unplerced, screwed in tightily and not corroded. Check the automatic expenses are clean and unfired. With the cylinders and automatic capsules removed, check the firing pin moves freely by pushing the H 3. Inspect the lifejacket cover, belt and buckles etc for signs of damage.
4. Hammar Operating Head:
Check the single point indicator on each operating head is green
5. Standard Operating Head:
5. Standard Operating Head:

- 1, Inflate the front chamber (by Mouth), leave at least one hour then examine for signs of deflation. 2. Deflate lifejacket. Inflate rear chamber (by Mouth), leave at least one hour then examine for signs of deflation.

ВЕВОГРЯ МАІИТЕИАИСЕ РРОСЕDURE

SOLAS TWIN CHAMBER LIFEJACKET SERVICE LABEL



full performance may not be achieved using waterproof clothing or in other circumstances. Refer to the leaflet

WARNING: Inflating your Lifejacket using 60_2 inflation could over pressurise and damage your Lifejacket if it has already been orally inflated fully.

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This lifejacket must be serviced, at least once a year under normal use, by an Approved Service Agent.

A fall times the jacket must be stored, preferably hung up, in a dry well ventillated area. A jacket exposed to any form of dampness the jacket must be stored, preferably hung up, in a dry well ventillated area. A jacket is necessary to unfold the jacket from its cover. Remove the automatic capsules and allow the lifejacket to dry naturally in a warm, dry atmosphere. The automatic spraule as fored in a dry place whilst the jacket is being died out. Once the jacket is dry, the capsules should be stored in a dry place whilst the jacket is being died out. Once the jacket is dry, the capsules may be refitted and the jacket repacked. (See repacking instructions)

IMPORTANT!

ONLY SAFETY OFFICERS AND AUTHORISED PERSONNEL ARE PERMITTED TO CARRY OUT THESE OPERATIONS

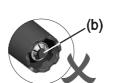
2. BEFORE USE:

These models are ready for use when purchased. However the following checks must be made:

SEACREWSADER 2010. STANDARD AUTOMATIC OPERATION:

Before use ensure that the capsules have not been inadvertently fired by following one of the procedures detailed below. The operating heads can be accessed by unzipping the lower section of covers left and right





Mk. 5i Capsule: An unused capsule will show a green disc (a) in the bottom of the capsule. If a red dot (b) is visible the capsule is no longer effective and **must not** be screwed onto the firing head and the CO₂ cylinder must be checked that it has not been fired.

The firing head for the front chamber can be found on the right hand side. The firing head for the rear chamber is on

When firing heads are exposed ensure the capsules are firmly screwed into place. At the same time it is advisable to check that the CO, bottles are also firmly screwed into the firing heads.

CREWFIT TWIN 2010: HAMMAR MA1 HYDROSTATIC OPERATION

- Check the lanyard is attached to the operating head
- Check the indicator is green
 Check that the operating head has not passed the expiry date that is stamped on the unit below the indicator window

The Hammar MA 1 firing head for the front chamber can be found on the right hand side. The firing head for the rear chamber is on the back of the left hand



eff in the use of the device. In an emergency, there is no time to learn how the equipment wsaver recommend that you try your Lifejacket to ascertain its performance before use in an This will also help familiarise yourself with the product.

ing out your Lifejacket, remember that you may need replacement parts or rearming kits to get lacket ready for use again.

IMPORTANT!

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ONLY SAFETY OFFICERS AND AUTHORISED PERSONNEL ARE PERMITTED TO CARRY OUT THESE OPERATIONS

4. AFTER USE

SEACREWSADER 2010 FITTED WITH STANDARD OPERATING HEADS

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te the jacket completely by reversing the caps of both oral inflation tubes and inserting them into the end of each tube. ove as much gas as possible by squeezing the jacket. If the jacket was inflated by the CO₂ cylinders¸ care must be taken not to breathe in the expelled gas, otherwise discomfort in breathing will be experienced.

DO NOT USE A VACUUM PUMP TO DEFLATE THE LIFEJACKET.





- ft the jacket has been in salt water or contaminated water, it is essential to rinse out in fresh water first. Hang
 the unfolded jacket in a warm and dry atmosphere. Allow to dry out completely.
- ce dry, inflate by mouth and check for damage. If damage has occurred, return to Crewsaver for repair or their accredited agent. DO NOT ATTEMPT ANY REPAIRS YOURSELF OR ANY RIGHTS UNDER NUFACTURERS GUARANTEE WILL BECOME VOID. Providing the jacket is sound, new cylinders d capsules may be fitted to jackets.
- eacrewsader 2010 and Crewfit 2010 are fitted with approved lights. If the activation ring is missing or the light has ed the expiry date the light must be replaced with a new unit.

RE-ARMING YOUR AUTOMATIC OPERATING MECHANISM

If fired manually replace the firing arm into the main body and fit the retaining clip. The clip is fitted by pressing it over the firing arm and into the recess either side in the centre of the operating



Take the new Automatic firing capsule and screw onto the operating mechanism in a clockwise direction. Screw right up ensuring there is no gap between the capsule and the base of the operating mechanism. Do up hand tight.

Check that the cylinder sealing gaskets in the end of each operating mechanism has been correctly fitted. Check the new CO₂ cylinders have not been used and screw into the main body in a clockwise direction. Ensure the cylinders are screwed firmly (Hand tight) into the operating mechanism.

The operating mechanism is now rearmed.











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CHAMBERS 🛡 INFLATABLE BUOYANCY(N) m INHERENT BUOYANCY(N)

INTEGRATED HARNESS

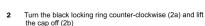
USE WITH

IMPORTANT! ONLY SAFETY OFFICERS AND AUTHORISED PERSONNEL ARE PERMITTED TO CARRY OUT THESE OPERATIONS

4. AFTER USE continued:

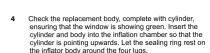
CREWFIT TWIN 2010 FITTED WITH HAMMAR OPERATING HEADS

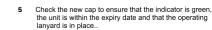
Deflate the lifejacket completely by removing the operating heads. Insert the metal key between the black locking ring and the labelled yellow cap (1a), turning the key counterclockwise as shown in the diagram (1b)

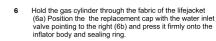


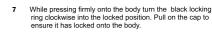


Remove the cylinder and Hammar body from inside the inflation chamber aided by squeezing the sealing ring. Dispose of the spent cylinder and Hammar body in an environmentally approved manor.















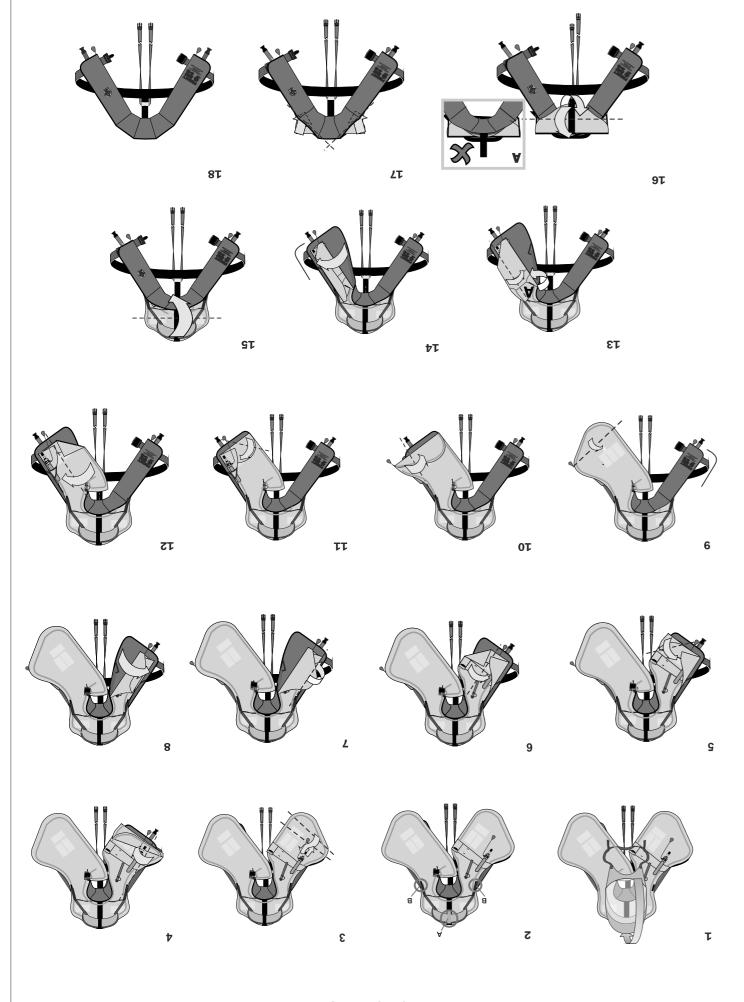








PACKING INSTRUCTIONS FOR SEACREWSADER 2010 AND CREWFIT TWIN 2010



Fold excess strapping under clip. Pull straps to a tight but comfortable tension. Fasten crutch straps. 9 Fasten centre buckle. Fasten Harness buckle. Don lifejacket like a waistcoat **LIFEJACKETS** DONNING INSTRUCTIONS FOR SEACREWSADER 2010 AND CREWFIT TWIN 2010

