



# OWNER'S LIFEJACKET INFORMATION (E)

<b>LIFEJACKET</b>  <b>SOLAS / MED: MSC.81(70), MSC.200(80), MSC.207(81), MSC.226(82); EN ISO 12402-2; EN ISO 12402-6</b>	<b>SOLAS</b>  <b>EN ISO 12402</b>	<b>sMRT HI-RISE 275N</b> 

STANDARD APPLICATION	TYPE MINIMUM BUOYANCY	FULLY AUTOMATIC	MANUAL OPERATION	SINGLE CHAMBER	DOUBLE CHAMBER	INFLATABLE BUOYANCY	INTEGRATED HARNESS
OFFSHORE EXTREME CONDITIONS, HEAVY PROTECTIVE CLOTHING	<b>275N</b>	✓	✓		✓	✓	

ACCESSORIES	LIGHT	SPRAY HOOD	SAFETY LINE	PERSONAL LOCATOR BEACON
	✓			

<b>SUPPLIER:</b> MARINE RESCUE TECHNOLOGIES LTD. (MRT) MARSHALL HOUSE, ZARYA COURT, BEVERLEY, HU17 0JG U.K.  TEL: 00 44 1482 679300 EMAIL: <a href="mailto:info@mrtsos.com">info@mrtsos.com</a>	<b>MODEL NAME:</b> <b>sMRT HI-RISE 275</b>		<b>SIZE RANGE TO FIT</b>		
	<b>CERTIFICATE NAME:</b> <b>LFJ 275 TC S</b>		MASS Kgs	CHEST	HEIGHT
	<u>Examination carried out by:</u> <b>ABS, ABS House,          1 Frying Pan Alley          London, E1 7HR          NB No.0729</b>  <b>Fleetwood Test House,          Broadwater, Fleetwood,          FY7 8JZ , UK          NB N° : 0514</b>		≥ 40Kgs/ 88lbs	UP TO 180CM/71"	≥ 150CM/ 4'11"

## LIFEJACKETS / BUOYANCY AIDS ONLY REDUCE THE RISK OF DROWNING THEY DO NOT GUARANTEE RESCUE

As all Personal Protective Equipment, this product does not offer protection against all risks. This personal protection equipment does not contain materials that are known to provoke allergic reactions or that are known to be mutagenous or carcinogenic.

### TRAIN YOURSELF IN THE USE OF THIS DEVICE

Please do not hesitate to contact us in case you need further information or help.  
 Email: [info@mrtsos.com](mailto:info@mrtsos.com)



## OWNER'S LIFEJACKET INFORMATION (E)

### **INFORMATION FOR THE USER**

- **TRAIN YOURSELF IN THE USE OF THIS DEVICE.** Make sure you know how to use and fit this lifejacket before an emergency occurs. Preferably try it out in water to familiarize yourself with its performance.
- Study leaflet to familiarize yourself with all points.
- Whistle is located on a cord attached to the oral tube on the front. Take whistle out of elastic, bring to the mouth and blow sharply to attract attention.
- The light is located on the front of the bladder and is automatic by water activation.
- Always thoroughly dry after use.
- If entering the water with the lifejacket inflated, arms should be crossed over the lifejacket.

### **WARNING**

- **Use with a 60 gram CO2 gas cylinder** - CO2 gas cylinders are dangerous – keep away from children – do not misuse.
- Do not use as a cushion.
- Do not wear any type of harness over this vest/lifejacket.
- Do not place heavy objects on the lifejacket.
- Do not partially inflate the lifejacket orally.
- This is not a lifejacket until it is fully inflated.
- Never wear a damaged lifejacket as it may no longer offer the maximum protection. If damaged your lifejacket should be repaired or replaced immediately.
- The performance of this lifejacket can be affected and inhibited by the clothing and equipment worn and circumstances of use, such as:
  - Waterproof and multilayer clothing
  - Flotation suits or dry suits
  - Heavy equipment such as tool belts
  - Rough water and wave conditions
  - Extreme climate conditions
- The conformity of this personal flotation device to this part of ISO 12402 does not imply that it is suitable for all circumstances.
- As with all Personal Protection Equipment, this product does not offer protection against all risks.
- This lifejacket is an aid to safety, wearing this product does not guarantee rescue.

### **INSTRUCTIONS AND WARNINGS: INTEGRATED PERSONAL LOCATOR BEACON**

- THIS MODEL OF LIFEJACKET IS INTEGRATED WITH A sMRT BEACON
- IT IS NOT APPROVED FOR USE WITHOUT THE BEACON FITTED
- IT IS NOT APPROVED FOR USE WITH ANY OTHER MODEL OF BEACON
- THE BEACON MUST ONLY BE FITTED BY AN APPROVED SERVICE CENTRE AUTHORISED BY MRT
- THE BEACON MUST BE MAINTAINED AS ORIGINALLY SUPPLIED
- ENSURE YOU FAMILIARISE YOURSELF WITH THE OPERATION AND FUNCTIONS OF THE sMRT BEACON BEFORE USE
- THE LIFEJACKET AND BEACON MUST BE SERVICED ANNUALLY AT AN MRT APPROVED SERVICE CENTRE. PLEASE RETURN TO – MARINE RESCUE TECHNOLOGIES – MARSHALL HOUSE – ZARYA COURT – BEVERLEY – HU17 0JG – UK, OR CONTACT MRT FOR FURTHER INFORMATION ON:  
Tel: + 44 1482 679300      e-mail: [info@mrtsos.com](mailto:info@mrtsos.com).

### **PRE WEAR CHECK**

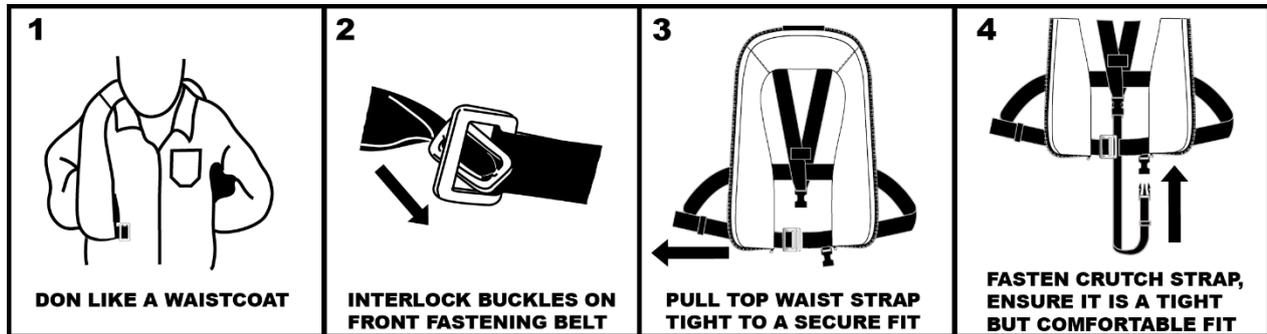
- Before use perform a visual check for any damage, if damage is found, contact Marine Rescue Technologies for advice and service.
- Check that both mechanisms are operational according to manufacturer's instructions and that mechanism tabs are accessible from outside the cover.
- Check that the protective cover is closed correctly.



## OWNER'S LIFEJACKET INFORMATION (E)

### DONNING

Ensure that jacket is the correct size for the wearer and straps have been adjusted as per the instructions.



### GENERAL CARE AND MAINTENANCE

- Contaminates such as salt, oil, diesel, fuel, paints, thinner and other chemicals as well as mud, dust, sand or other substances, should be sponged off immediately with a mild soap solution. **!! Only if the mechanism has been deactivated**, the whole lifejacket can be rinsed with clean fresh water, drip dried and stored on a shaped hanger. Excessive humidity/ temperature can have an impact on the life/shelf life of your Lifejacket.
- Do not iron; do not tumble dry; do not dry near direct heat; store in a clean dry area at normal room temperature.
- Do not bleach.
- When not in use, store the lifejacket in a well ventilated area away from extremes of temperature.
- Always check that the lifejacket is not damaged.
- The safe destruction, recycling and disposal of the garments can be carried out through means of mechanical destruction or incineration by a company specializing in such disposal methods. MRT has no obligation or responsibility for taking back the garment for safe disposal.
- MRT cannot be held responsible in any way whenever a lifejacket is not used 100 % according to the above instructions.

**ALL sMRT LIFEJACKETS MUST BE SERVICED BY A MARINE RESCUE TECHNOLOGIES APPROVED SERVICE PROVIDER ANNUALLY. PLEASE CONTACT MARINE RESCUE TECHNOLOGIES FOR DETAILS.**

### RECOMMENDED LIMITATIONS OF USE:

- Not advised to be used if annual service date has expired.
- Not to be used if damaged.
- Advisory life span of lifejacket is 3-5 years dependant on the level of use and subject to fair wear and tear.
- Life span of component parts and accessories is as marked on the individual item where applicable.

### INFLATION

**Manual:** Locate pull-tab on lifejacket, grasp firmly and jerk sharply downwards. The jacket will now inflate fully and be operational.

**Automatic:** Inflation will automatically occur upon contact with water. Inflation will commence within 5 seconds.

**Orally:** By blowing into the red mouth piece.

**Caution:** Do not orally inflate first before use.



# OWNER'S LIFEJACKET INFORMATION (E)

## LIFE HISTORY OF THE GARMENT

Record keeping is important: it is essential to build a full life history for each item, from manufacture to disposal (delivery date, name of wearer, details of hazards, information relating to care, inspections, repairs/replacements).

<b>Serial Number:</b>					D.O.M. (MM/YY)	
<b>Serial Number PLB:</b>						
<b>Date of first use:</b>						
<b>Service Record Lifejacket</b>	<b>Service Record CO2 cylinder</b>	<b>Service Record Inflation system</b>	<b>Service Record Light</b>	<b>Service Record Reflective tape</b>	<b>Service Record Whistle</b>	<b>Service Record PLB</b>
Date of service	Date of service	Date of service	Date of service	Date of service	Date of service	Date of service

## RE-ARMING THE LIFEJACKET

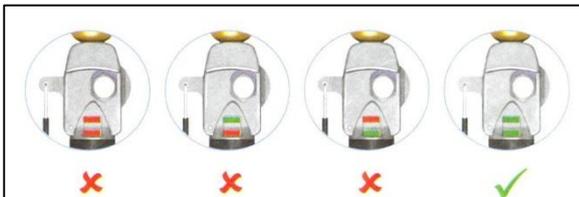
The mechanism type that is fitted to this lifejacket is the United Moulders Prosensor Auto / Dual Point Indicator system. All systems are fully automatic with manual over-ride.

### **ALWAYS FOLLOW MANUFACTURERS INFLATION MECHANISM INSTRUCTIONS**

RECHARGE KITS AND INSTRUCTIONS ARE OBTAINABLE FROM MRT. TO DETERMINE IF THE MECHANISM NEEDS RECHARGING CHECK THE FOLLOWING POINTS:-

### **UNITED MOULDERS MECHANISM**

#### **Dual point indicator**



- If both indicators are red the Co2 gas cylinder must be replaced with a new one which must be of the same 60 gm. size. The automatic firing cartridge must also be replaced with a new one of the same United Moulders dual point indicator type.
- If the top indicator is green and the bottom indicator is red, the automatic firing cartridge only needs replacing.
- If the top indicator is red and the bottom indicator is green, the Co2 gas cylinder only needs replacing.
- If both indicators are green, nothing needs replacing and the system is fully and correctly armed.

## REPACKING

Ensure the lifejacket has no damage and the lifejacket mechanisms are fully operational. Inflate the lifejacket bladder as follows;

Inflate bladder orally through the back oral tube + chamber first until approximately half full and then inflate orally through the front over pressure valve oral tube + chamber until the bladder is fully inflated. Full inflation will make the bladder taut.

After inflation the bladder needs to be left for a 12 hour period to check for air leaks. After 12 hours and only if no deflation of the bladder has occurred proceed with the correct packing and folding instructions. If deflation has occurred contact MRT.



# OWNER'S LIFEJACKET INFORMATION (E)

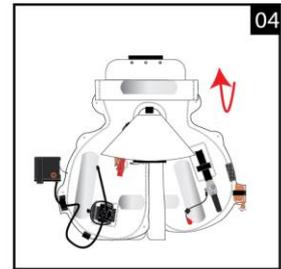
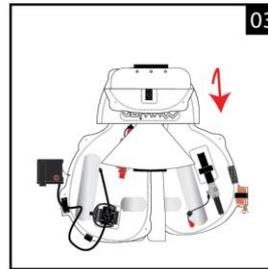
## CORRECT PACKING AND FOLDING

Let the lifejacket dry before packing.

Deflate the lifejacket by pushing the "down" valve in the end of the oral tube. Expel all of the air by tightly rolling up the bladder as the valve is being depressed. Once all air has been expelled packing can commence. Follow diagrams below for correct packing.

**IF YOU ARE NOT CONFIDENT IN RE-ARMING AND RE-PACKING YOUR LIFEJACKET YOURSELF PLEASE CONTACT MRT FOR FURTHER ADVICE AND ASSISTANCE.**

## CORRECT LIFEJACKET PACKING PROCEDURE FOR sMRT HI-RISE 275 SOLAS TWIN CHAMBER WITH BEACON – AU10



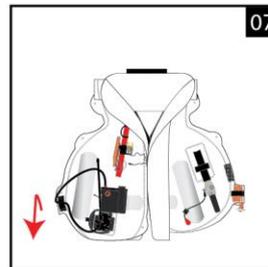
With the bladder laid flat on the table again proceed to fold and repack as per the illustrated diagrams as follows.

Ensure the upper part of the beacon antenna is securely fixed in the pouch attached to the bladder and the lower antenna lead is threaded through the highest elastic loop only at the outside edge of the bladder as shown.

Fold hinge of bladder toward the neckline. Now the back part of the bladder should be laid flat.

Fold the edge of the back part towards the neckline.

Fold the back part in 2 from neckline towards the outer edge.



Close back neck velcro.

Fold the bottom part of the right side bladder lobe (as worn) away from the lower edge of the cover.

Fold the bottom part of the right side bladder lobe (as worn) back towards the lower edge of the cover; tucking the surplus underneath. Ensure the beacon is positioned directly above the antenna pouch fixed to the bladder.

Fold the right side bladder lobe (as worn) at the centre front edge once to the outer edge.



Fold the right side bladder lobe (as worn) at the outer edge once toward the centre front.

Position the inflator pull cord and handle out of the back slot in the cover ensuring that it hangs down freely at the back.

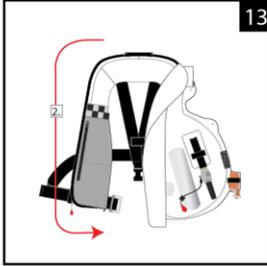
Fold the top corner outer edge down and in towards the centre front.

Using the zip slider, pull the zip all the way from the bottom centre front up to the top back neck and ensure that you pull it all the way to the end of the zip under the velcro and fasten the velcro securely back over the end.

Ensure the Velcro square on the inflator pull cord is fastened to the matching Velcro square on the inside back of the cover above the slot.



# OWNER'S LIFEJACKET INFORMATION (E)

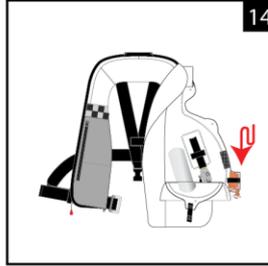


13

Then pull the zip slider all the way back down again to the bottom centre front. The zip should now be completely closed on this side and the bladder, beacon and antenna securely inside the cover.

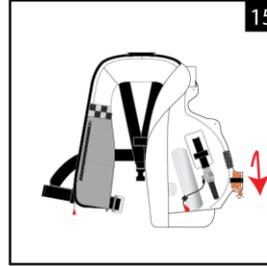
Fasten pull the dot press-stud from zip slider onto the back of the cover.

**Make sure that both indicators on the inflation system are clearly visible through the window on the back and are fully green.**



14

Fold the bottom part of the left side bladder lobe (as worn) away from the lower edge of the cover.



15

Fold the bottom part of the left side bladder lobe (as worn) back towards the lower edge of the cover; tucking the surplus underneath.



16

Attach the grab/lifting strap onto the velcro on the bladder.



17

Fold the left side bladder lobe (as worn) at the centre front edge twice in concertina style.



18

Fold the left side bladder lobe (as worn) at the outer edge so that the buddyline is tucked away to the back.



19

Fold the left side bladder lobe (as worn) twice at the outer edge so that the inflator sits on the back.



20

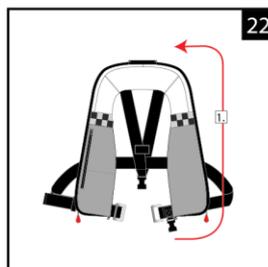
Position the inflator pull cord and handle out of the back slot in the cover ensuring that it hangs down freely at the back.

**Ensure the Velcro square on the inflator pull cord is fastened to the matching Velcro square on the inside back of the cover above the slot.**



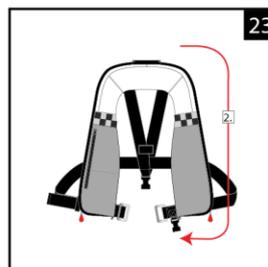
21

Fold the top corner outer edge down and in towards the centre front.



22

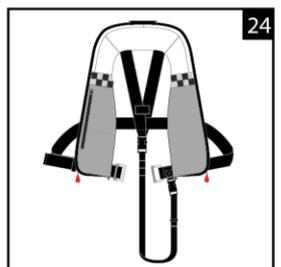
Using the zip slider, pull the zip all the way from the bottom centre front up to the top back neck and ensure that you pull it all the way to the end of the zip under the velcro and fasten the velcro securely back over the end.



23

Then pull the zip slider all the way back down again to the bottom centre front. The zip should now be completely closed on this side and the bladder securely inside the cover. Fasten pull the dot press-stud from zip slider onto the back of the cover.

**Make sure that both indicators on the inflation system are clearly visible through the window on the back and are fully green.**



24

Clip the crutch strap into the buckles on the centre back strap and left front belt



# OWNER'S LIFEJACKET INFORMATION (E)

## **CORRECT LIFEJACKET PACKING PROCEDURE FOR sMRT HI-RISE 275 SOLAS TWIN CHAMBER WITH BEACON – V100**



01

With the bladder laid flat on the table again proceed to fold and repack as per the illustrated diagrams as follows.

Ensure the beacon is securely fixed in the pouch attached to the bladder and the lower antenna lead is threaded through the lowest elastic loop only at the lower edge of the bladder as shown.



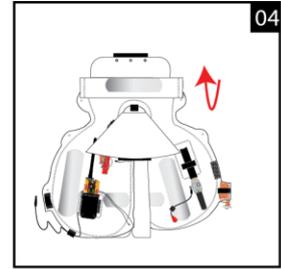
02

Fold hinge of bladder toward the neckline. Now the back part of the bladder should be laid flat.



03

Fold the edge of the back part towards the neckline.



04

Fold the back part in 2 from neckline towards the outer edge.



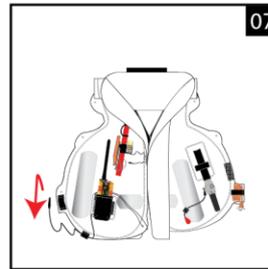
05

Close back neck velcro.



06

Fold the bottom part of the right side bladder lobe (as worn) away from the lower edge of the cover.



07

Fold the bottom part of the right side of the bladder lobe (as worn) back towards the lower edge of the cover ; tucking the surplus underneath.



08

Fold the right side bladder lobe (as worn) at the centre front edge once to the outer edge.



09

Fold the right side bladder lobe (as worn) at the outer edge once toward the centre front.



10

Position the inflator pull cord and handle out of the back slot in the cover ensuring that it hangs down freely at the back.

Ensure the Velcro square on the inflator pull cord is fastened to the matching Velcro square on the inside back of the cover above the slot.



11

Fold the top corner outer edge down and in towards the centre front.

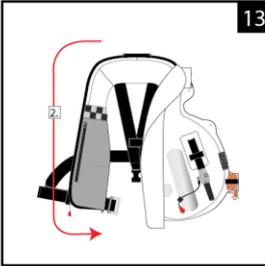


12

Using the zip slider, pull the zip all the way from the bottom centre front up to the top back neck and ensure that you pull it all the way to the end of the zip under the velcro and fasten the velcro securely back over the end.



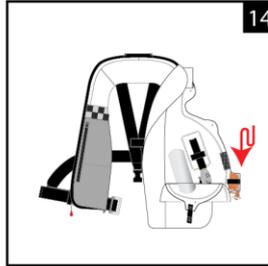
# OWNER'S LIFEJACKET INFORMATION (E)



13

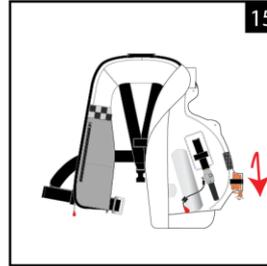
Then pull the zip slider all the way back down again to the bottom centre front. The zip should now be completely closed on this side and the bladder, beacon and antenna securely inside the cover.  
Fasten pull the dot press-stud from zip slider onto the back of the cover.

**Make sure that both indicators on the inflation system are clearly visible through the window on the back and are fully green.**



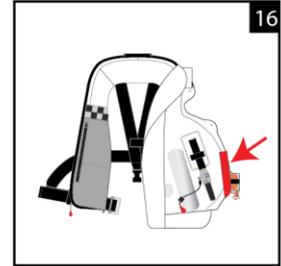
14

Fold the bottom part of the left side bladder lobe (as worn) away from the lower edge of the cover.



15

Fold the bottom part of the left side of the bladder lobe (as worn) back towards the lower edge of the cover; tucking the surplus underneath.



16

Attach the grab/lifting strap onto the velcro on the bladder.



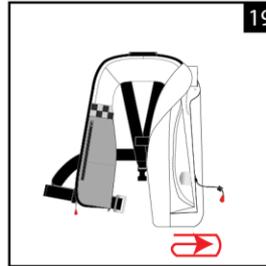
17

Fold the left side bladder lobe (as worn) at the centre front edge twice in concertina style.



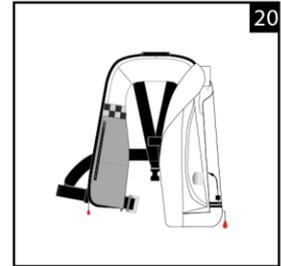
18

Fold the left side bladder lobe (as worn) at the outer edge so that the buddyline is tucked away to the back.



19

Fold the left side bladder lobe (as worn) twice at the outer edge so that the inflator sits on the back.



20

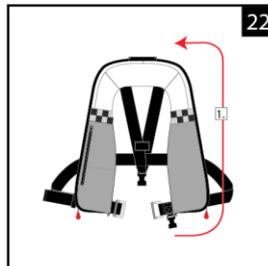
Position the inflator pull cord and handle out of the back slot in the cover ensuring that it hangs down freely at the back.

**Ensure the Velcro square on the inflator pull cord is fastened to the matching Velcro square on the inside back of the cover above the slot.**



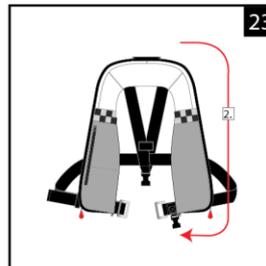
21

Fold the top corner outer edge down and in towards the centre front.



22

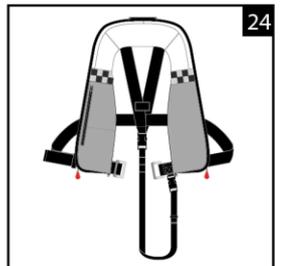
Using the zip slider, pull the zip all the way from the bottom centre front up to the top back neck and ensure that you pull it all the way to the end of the zip under the velcro and fasten the velcro securely back over the end.



23

Then pull the zip slider all the way back down again to the bottom centre front. The zip should now be completely closed on this side and the bladder securely inside the cover. Fasten pull the dot press-stud from zip slider onto the back of the cover.

**Make sure that both indicators on the inflation system are clearly visible through the window on the back and are fully green.**



24

Clip the crutch strap into the buckles on the centre back strap and left front belt