

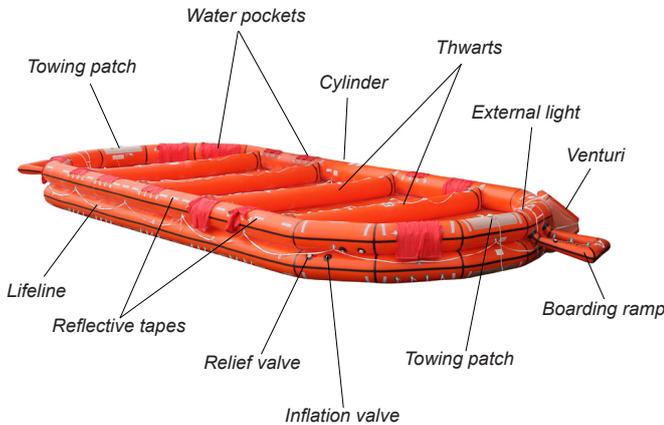
# ORIL (Open Reversible Liferrafts)

## 50 up to 151 persons



COMMERCIAL LIFERAFTS

ORIL solutions designed for small passenger vessels, high speed crafts and fishing vessels, approved by the main Marine Administrations. Immediately boardable after drop.



### CHARACTERISTICS

- ▶ Manufactured with a durable polyurethane fabric
- ▶ Assembled using Thermobonding™ (advanced hot assembly technique), our ORILs are:
  - Consistent (computer-controlled technique)
  - Inert to aging factors in the marine environments
  - Easy to service and fit in small light glass reinforced plastic container
  - Equipment packs sealed in strong watertight bags, secured inside the liferaft
  - Approved EPIRB on request
- ▶ Paramount evacuation time

### ® VENTURI OPTION - ORIL 100 V & 151 V

- ▶ The VENTURI technology:
  - works with ambient air aspiration
  - allows weight/volume savings
  - ⇒ product is about **20% lighter** for ORIL 100 V compared to ORIL 100

### PACKING

- ▶ Our ORILs are packed in:
  - **ROUND** container



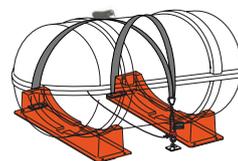
**ROUND**

### MES SIS OPTION

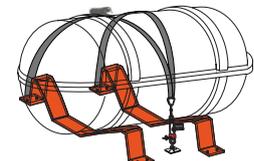
- ▶ Our Marine Evacuation Systems (MES):
  - associate ORIL with Small Inflatable Slide (SIS)
  - are specifically designed for high speed craft (HSC) & other passenger vessels - **fast evacuation required**
- ▶ Our Small Inflatable Slides (SIS):
  - are light and easy to use
  - facilitate the descent of passengers into ORIL
  - increase safety for the **low freeboard** vessels
  - are safer means of evacuation when evacuation deck is lower than 3.80m
- ▶ Possible mooring configuration:
  - ⇒ **EBL** arrangement (extremity bowing lines) or
  - ⇒ **CBL** arrangement (central bowing lines)

### STOWAGE ONBOARD SHIP

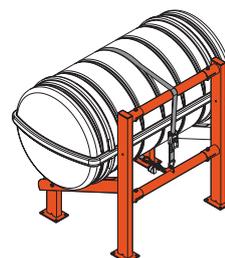
- ▶ Our ORILs are stored either on:
  - metallic deck cradle (galvanized steel or aluminum)
  - GRP deck cradle
  - tilting cradle (single or multiple) or
  - specially designed cradles
- ▶ Liferaft secured on the cradle with lashing & hydrostatic release unit



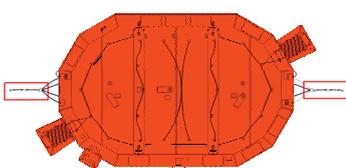
**Deck GRP cradle**



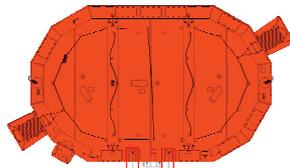
**Deck metallic cradle**



**Tilting cradle**



**EBL arrangement**



**CBL arrangement**

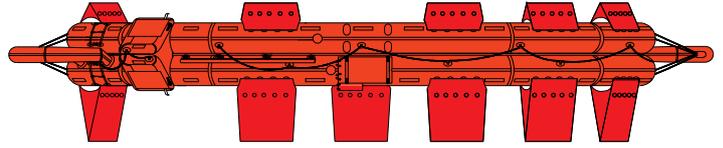
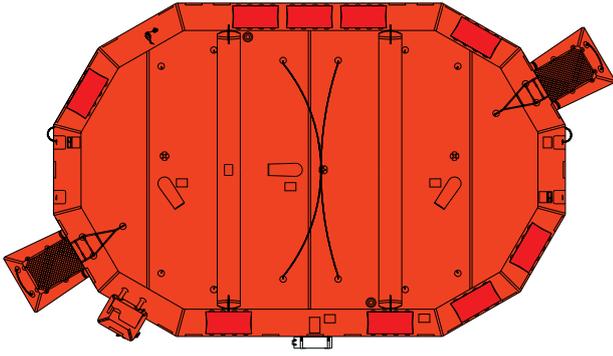


MES integration is submitted to validation of the manufacturer in accordance with regulation



## ILLUSTRATION OF AN ORIL

### ORIL 100 V



## ORIL RANGE TECHNICAL DATA

		ROUND container	
TYPE *	CAPACITY	WEIGHT	DIMENSIONS L x w x h (mm)
ORIL	50	170 kg	1275 x 800 x 740
ORIL	65	190 kg	1275 x 800 x 740
ORIL	100	295 kg	1560 x 852 x 835
ORIL	100 V	230 kg	1450 x 800 x 740
ORIL	151 V	345 kg	1560 x 952 x 960

		ROUND container	
TYPE *	CAPACITY	WEIGHT	DIMENSIONS L x w x h (mm)
IBA	50 (US)	165 kg	1275 x 680 x 615
IBA	75 (TC)		
IBA	100 (US)	305 kg	1560 x 852 x 835
IBA	150 (TC)		

\* IBA type: USCG approval (US) & TC approval (Canada)  
ORIL type: EC approval

## REGULATION

DESIGNED AND MANUFACTURED IN CONFORMITY WITH:  
 . HSC code  
 . LSA code  
 APPROVALS: EC(MED) / USCG / TC / RMRS / CCS

### MES SIS ORIL 151 PERSONS DEPLOYED



SURVITEC SAS reserves the right to change specification without notice. For installation, add minimum +10mm for clearance to dimensions of the container.

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