



FIBRELIGHT RECOVERY CRADLE MANUAL

MAN OVERBOARD RECOVERY DEVICE ↓

OPERATING INSTRUCTIONS:

The Fibrelight Cradle is a recovery system that can be operated by a single person. It can also be used as a boarding ladder, scramble net and stretcher. The cradle is designed for use by rescue craft, rigid inflatables and ships' lifeboats. It can also be used for recovering casualties from falls into trenches, ditches or similar, after accidents.

PREPARATION:

Remove the Fibrelight Cradle from the carrying bag. Make sure that your rescue craft has sufficient well-placed attachment points to secure the cradle across the full width. These can include a combination of lifting points, cleats, handles and deck eyes, stanchions and toe rails. Alternatively, strops can be supplied to rig the Cradle to the attachment points that are available.

Secure one end of the Fibrelight Cradle to the attachment points with quick release fasteners, such as karabiners or shackles. See **figure 1**. Fold the Fibrelight Cradle at the mid point and roll from there so that the two ends remain available.

DEPLOYMENT:

Retain the free end of the Fibrelight Cradle in the hand and release to centre section into the water. Hold the free end outwards to form a trough in the water. See **figure 2**.

Guide the casualty fully into the Fibrelight Cradle; making sure that the torso is completely supported. See **figure 3**.

Important, on approaching the casualty, do not deploy the Fibrelight cradle until the rescue craft has stopped. On rescue craft with a greater freeboard, the cradle may be manoeuvred satisfactorily by attaching a line to the sewn eye at each side of the outboard end of the Fibrelight Cradle to form a bridle; alternatively a boat hook or derrick may be used.

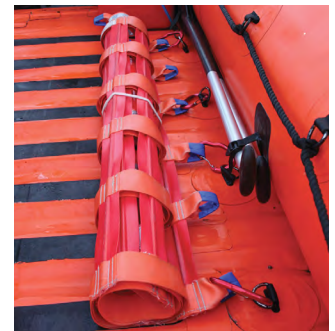


FIGURE 1



FIGURE 2



FIGURE 3

FIBRELIGHT RECOVERY CRADLE MANUAL



FIGURE 4

RECOVERY :

Haul in the Fibrelight Cradle rung-by-rung, hand over hand, returning each rung as recovered to the water and the casualty will be parbuckled on board, in the recommended horizontal position. See figure 4.

The recovery is aided by the mechanical advantage provided by the cradle, which can enable a single crewmember to complete the operation. See figure 5.

If the casualty has sufficient strength to climb, the length of the Fibrelight Cradle should be lowered into the water to form a boarding ladder or scrambling net. See figure 6.



FIGURE 5

In this form, the Fibrelight Cradle will allow a crew member to climb down to water level to secure an unconscious casualty.

Important; To avoid the risk of tripping the Fibrelight Cradle must be folded double when used as a stretcher. See figure 7.

After Use; The Fibrelight Cradle should be hosed off with fresh water ready for re-use.



FIGURE 6



FIGURE 7

TECHNICAL DATA

| | 2 m | 3 m | 4 m | 5 m |
|--------------------|--|-------------|-------------|-------------|
| Dimensions | 2 m x 1.3 m | 3 m x 1.3 m | 4 m x 1.3 m | 5 m x 1.3 m |
| Weight (in valise) | 4.25 kg | 5.50 kg | 6.75 kg | 8.00 kg |
| Construction | PU Coated polyester webbing, reinforced with 10 mm carbon fibre rods | | | |