



# CAPACITY OF OPEN REVERSIBLE LIFE RAFTS WHEN USED AS BUOYANT APPLIANCES

## Application

This equivalent solution is available to vessels where an Open Reversible Liferrafts (OLR) are carried in replacement of buoyant appliances required within Table 2 of NSCV C7A Safety Equipment in Operational Areas D and E.

## Current Requirement

Annex E2 (a) states:

*“An open reversible liferaft shall comply with the requirements specified in—*

*a) Annex 11 of International Maritime Organization’s Code Safety for High- Speed Craft; and”*

## Equivalence

In lieu of the requirements of Clause 2.10 of Annex 11 of the 2000 HSC Code, the number of persons which the ORL shall be permitted to accommodate may be equal to the lesser of:

1. the greatest whole number obtained by dividing the volume, measured in cubic metres, of the main buoyancy tubes (which for this purpose shall not include the thwarts, if fitted) when inflated by 0.064; or
2. the greatest whole number obtained by dividing the inner horizontal cross-sectional area of the open reversible liferaft measured in square metres (which for this purpose may include the thwart or thwarts, if fitted) measured to the innermost edge of the buoyancy tubes by 0.248; or
3. the number of persons having an average mass of 80 kg, all wearing lifejackets, that can be seated inboard of the buoyancy tubes without interfering with the operation of any of the liferaft’s equipment;

Provided:

- They otherwise meet the design, construction and fitting requirements for an ORL in the International Maritime Organization’s Code Safety for High- Speed Craft, 2000 (2000 HSC Code), Resolution MSC.97(73) as amended and NSCV Part C7A Annex E;
- Have equivalent aggregate capacity to the buoyant appliances which they replace as per the requirements of NSCV C7A Table 2; and
- Capable of being launched as per NSCV Part C7A Annex F Clause F3.