

## **EQUIVALENT ARRANGEMENT FOR EXTENDED SERVICING INTERVALS OF INFLATABLE LIFERAFTS**

### **Equipment Type**

**Zodiac** (or Bombard) inflatable liferafts with SOLAS 'A' and 'B' packs of the following models:

Throw over – 6, 8, 10, 12, 16, 20, 25 and 50 persons;

Throw over self righting – 6, 25, 37 and 50 persons;

Davit launched – 12, 16 and 20 persons;

Davit launched - 25 and 37 persons;

Davit launched self righting - 25 and 37 persons.

The liferafts are packed for extended service intervals by enclosure within a sealed polyurethane membrane, located within the GRP outer container (the Extended Packing Service, EPS system). The inflation gas cylinders are fitted with accurate temperature and pressure transducers connected to a port which can be accessed without disturbing the sealed polyurethane membrane.

The liferafts are manufactured by ZODIAC INTERNATIONAL, Issy-les-Moulineaux, France; type approved by Bureau Veritas in accordance with SOLAS 74, Chapter III, regulations 4, 20.8.3 and 34 and Chapter X regulation 3; as evidenced by certificates Nos.

15641/A0 EC	15641/A0 MMF	15561/A0 EC	15561/A0 MMF
15666/A0 EC	15666/A0 MMF	15667/A0 EC	15667/A0 MMF
13298/A1 EC	13300/A0 EC	13301/A0 EC	13302/A1 EC
13305/A1 EC	13303/A1 EC	12930/A0 EC	13297/A0 EC
13304/A0 EC	13299/A0 EC	13148/A0 EC	16045/A1 EC
16046/A1 EC			

**Conditions under which extended servicing intervals have been accepted on United Kingdom ships.**

1. Servicing will be carried out at 30 month maximum intervals, only at approved servicing stations which have additionally been appointed for this purpose by Zodiac International.
2. Zodiac International will provide the MCA with the results of comparative study on the ageing of liferaft fabric and pressure seams, using material samples variously exposed, and tested at 2 ½, 5, 7 ½ and 10 years of age.
3. EPS liferafts shall be repacked at each service using new packaging materials within the GRP outer container.
4. On deployment, or damage to membrane, or pressure within gas inflation cylinder falling below a limit defined by the manufacturer, a raft will be serviced and repacked within 3 months, or 30 months from a previous repacking, if sooner.
5. All servicing tests prescribed in A761(18) to be carried out, according to the age of the liferaft, during the period of the elapsed extended service interval will be carried out by the service station prior to repacking.
6. Monitoring on board by certified personnel consists of annually checking inflation gas pressure and temperature by means of a special indicator, and completion of an inspection card which travels with the liferaft.

7. Passenger ships equipped with any of the above EPS liferafts will comply with SOLAS regulation III/ 19.4.3 by carrying aboard, or having ready access to, a conventionally packed training raft of similar type and means of operation, or by carrying a visual training aid which can simulate inflation and davit launching of such liferafts.

8. In addition to other required marks, the outer containers of EPS liferafts which are serviced at extended intervals will be marked:

(i) with the words '*EPS liferaft 30 months servicing*' within a disc bearing year and month numerals, and

(ii) with the words '*EPS liferaft 12 months control on board*' within a second disc bearing year and month numerals.