



AUSTRALIAN MARITIME SAFETY AUTHORITY

CERTIFICATE OF APPROVAL

I, the undersigned Grant Judson, hereby approve in accordance with:

- (i) Regulation 4 of Chapter III of the International Convention for the Safety of Life at Sea 1974 as amended; and
- (ii) Section 20 (5) of Marine Order 25, (Equipment - life-saving) 2014, the equipment specified herein.

This approval relates to the modification of:

- (i) The specified equipment for the carriage of an approved EPIRB as specified below, required as per Marine Order 25, (Equipment - Life-saving) 2014, Schedule 1, Division 3 Requirements of the LSA Code section 10, sub-section (1) (a) and (b).

S1.0 EQUIPMENT:

Throw over board type (DK+S30, DKN S30),
Davit launched type (DKF+S30, DKF+GN S30),
Automatic Self-righting davit launched inflatable liferaft (DKFS) and
Automatically self-righting liferafts: inflatable (DKSN).

S2.0 LIFERAFT MANUFACTURER:

Viking Life-Saving Equipment Ltd.
Laem Chabang Industrial Estate,
Si Racha,
Thailand.

S3.0 IDENTIFICATION: Per the following EC Type-Examination Certificates issued by Det Norske Veritas, Notified Body No. 0575, for the following liferaft units:

- (i) **6DK+S30, 6DKN S30, 8DK+S30, 10DK+S30, 10DKN S30, 12DK+S30, 16DK+S30, 20DK+S30, 25DK+S30 and 35DK+S30.**
- (ii) **12DKF+S30, 16DKF+S30, 20DKF+S30, 20DKF+GN S30, 25DKF+S30 and 35DKF+S30.**
- (iii) **12DKFS S30, 16DKFS S30, 20DKFS S30, 25DKFS S30 and 39DKFS S30.**
- (iv) **10DKS S30, 12DKS S30, 12DKSN S30, 16 DKS S30, 16DKSN S30, 20 DKS S30, 25DKS S30, 25 DKS S30 and 39DKS S30.**

Identified in the following DNV issued EC-Type Examination certificates:

- (i) EC-Type Examination Certificate (Module B) Certificate Number MEDB00001JE Rev. 7, dated 2021-10-18, expiring 2026-10-17;
- (ii) EC-Type Examination Certificate (Module B) Certificate Number MEDB00001JC Rev.7 dated 2021-09-27, expiring 2026-09-26;
- (iii) EC-Type Examination Certificate (Module B) Certificate Number MEDB00001JD Rev. 8 dated 2021-09-13, expiring 2026-09-12; and
- (iv) EC-Type Examination Certificate (Module B) Certificate Number MEDB00001JF Rev. 17 dated 2021-09-06, expiring 2026-09-05.
 - a. **Note: For (iv), 'Low profile container type' are Square containers approved by DNV to a maximum stowage height of 18 m and ARE NOT included in this approval.**

Where '**S30**' designates a liferaft tested according to MSC.1/ Circ. 1328 and environmentally packed to allow for extended service intervals upto thirty (30) months. The liferafts are subject to an annual onboard inspection.

The EPIRB carried is subject to an annual onboard inspection and test.

S4.0 VIKING A/S LIFERAFT ACCEPTED EPIRB(s):

4.1 MODEL: MT 603G 406MHz EPIRB, Category II, Water and Manual Activation

EPIRB MANUFACTURER: GME,
A division of Standard Communications Pty. Ltd,
6 Frank Street,
Gladesville, NSW 2111, Australia.

S5.0 MSC.1/1328 – Guidelines for the approval of inflatable liferafts subject to extended service intervals not exceeding 30 months.

5.1 As stated in Section 4 of MSC.1/1328:

“4.1 Liferafts approved and certified for extended service intervals pursuant to SOLAS regulation III/20.8.3 should be:

.1 Serviced at an approved servicing station* at intervals not exceeding 30 months for the first 10 years of their service lives, and thereafter at the frequency required by SOLAS regulation III/20.8.1.1. *This 10-year limitation may be extended if real time verification justifies acceptance by the Administration;”*

5.1.1 Viking AS have submitted inspection reports to demonstrate that the ‘not exceeding 30 months for the first 10 years of their service lives’, for S30 type liferafts, may be extended to fifteen (15) years.

CONDITIONS:

1. This certificate of approval has been issued on the basis of the EC Type-Examination Certificates listed under 3.0 (i) to (iv) inclusive, issued by Det Norske Veritas Notified Body No. 0575.
2. All equipment must be manufactured and tested in accordance with the requirements specified in the EC Type-Examination Certificates listed under S3.0 (i) to S3.0 (iv) inclusive, issued by Det Norske Veritas Notified Body No. 0575:
 - (i) The drawings, specifications as to design and materials, and other data submitted;
 - (ii) The conditions, specified in aforementioned certificate of inspection and tests;
 - (iii) Any quality control procedures specified for the purposes of the approval;
 - (iv) The prototype submitted for testing.
3. Testing of the Liferafts listed in S3.0 above have been carried out in accordance with:

IMO Life Saving Appliance Code (LSA Code) Chapter IV, 4.1.2.2
MSC.81(70) 1/ LSA 5.1
MSC.1/ Circ. 1325 items 5.4.2 – 5.4.10 incl.

3.1 Maximum stowage height not to exceed 36m above the water surface.
4. All liferafts to be carried on **Australian flagged vessels** must be equipped as required by Marine Order 25, (Equipment - life-saving) 2014, Division 3, 10 sub-section (2) or (3) that applies to the vessel and in addition, be provided with an emergency pack containing the equipment listed in Schedule 2 First aid outfit requirements, as specified by Marine Order 25, (Equipment - life-saving) 2014, Division 3 Requirements of the LSA Code section 10, sub-section (1) (a).

Carriage of any EPIRB other than that listed in S4.0 shall invalidate this approval.

5. A copy of the document:

Viking Life-Saving Equipment A/S instruction manual for liferafts type 'S30', "Briefcase MUST be kept on board", is to be maintained on the vessel at all times.

6. The thirty (30) month service interval will continue to apply provided that the hermetic seal remains intact. Hermetic seal verification must be performed at maximum intervals of 12 months from the date of last service. This is done on board the vessel in accordance with Viking Life-Saving Equipment A/S instructions for on board maintenance by appropriately trained and certified personnel.

If the seal verification reveals loss of hermetic seal for any reason the liferaft shall be serviced and re-packed within 3 months, or 30 months from re-packing if sooner.

7. At service, a new packing material of the hermetically sealed pouch within the GRP outer container must be used where there is evidence of degradation, abrasion or other wear and tear that will impact the quality, purpose and lifespan of the packing material.
8. The liferaft is only to be monitored, inspected and serviced by certified personnel or trained Technicians holding the appropriate certification endorsement issued by Viking Life-Saving Equipment A/S for the 'S30' liferaft model.
9. Passenger ships equipped with liferafts designated as 'S30' will comply with SOLAS Ch. III, reg. 19.4.3 by carrying on board, or having 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.
10. The external GRP containers of designated 'S30' liferafts fitted to **Australian flagged vessels** to be marked as follows:

1. This liferaft is permitted for extended service intervals of 30 months at an approved service station.
2. The liferaft must be inspected on board by a person certified for such purpose by Viking Life-saving Equipment A/S at intervals not exceeding 12 months.
3. This liferaft contains an **EPIRB** which must be subject to an inspection and test at intervals not exceeding 12 months either on board the ship or at an approved testing station and be maintained in accordance with the manufacturer's instructions.

11. The life-rafts detailed in this Approval **are not** approved for use in POLAR WATERS.
12. This approval shall remain valid until **05 September 2026 and replaces AMSA approval AP5580 which is now revoked**, unless:
- (i) the certificate of inspection and tests listed in S3.0, issued by Det Norske Veritas (DNV) expires, is suspended or cancelled; or
 - (ii) this certificate is revoked by AMSA before the expiry date.



Issued at

Canberra

(Place of issue of certificate)

15 December 2021

(Date of issue)

(Signature of authorised official issuing the certificate)

Grant Judson

Manager Ship Inspection and Registration Operations