Type Approval Certificate

[Marine Seat]

Initial Approval 13th October, 2021

Manufacturer Georg Eknes Industrier AS

Eidavegen 151, N-5913 Eikangervag, Norway

Product Description Type: Transit Super Nova 1410

Intended for passenger seat for design level 1 and 2

See " Appendix 1"

Approval Condition See " Appendix 1"

THIS IS TO CERTIFY that the above-mentioned product has been approved in accordance with the relevant requirement of this Society's Rules and / or of the recognized standards as follows.

International Code of Safety for High-Speed Craft 2000, Ch.4 and Annex 10

This Certificate is valid until 12th October, 2026

Issued at Busan, Korea on 13th October, 2021

This certificate is signed electronically in accordance with IMO FAL.5/Circ.39/Rev.2. Validation and authentication of the certificate can be confirmed from "http://e-cert.krs.co.kr" by using the tracking No(ME21025050424) and certificate No.(CPH05164-NS001).

KOREAN REGISTER

General Manager of
Marine & Ocean Equipment Team

Note : *1. This certificate will be valid subject to complying with the approval conditions described on the certificate and/or on the Rules of this Society.*
2. This certificate will be invalid from the expiry date aforementioned unless the extension or renewal has been granted to the applicant or the manufacturer.
3. Any significant modifications or changes in design or construction to the above product without approval from this Society will render this certificate invalid.
4. Should the specified rules, regulations or standards be amended during the validity of this certificate, the product is to be re-approved by this Society in accordance with the requirements as amended.

Product Description and/or Approval Condition

Date of Issue : 13th October, 2021

A. Product Description

1. Product Specification

1) Passenger seats of "Reclining"-design mounted on legs/rails fixed to deck.
2) Basic construction consists of back/bottom, beam, legs and floor-rails.
3) Basic materials are aluminium-profiles/plates/casting and steel bolts/details.
4) Seats are approved for the following conditions relative to the craft.
   ① Forward facing (G-foot 4 bolts) for gcoll up to 12g
   - up to 4 seats in row when placed on 2 legs without belt
   - up to 4 seats in row when placed on 4 legs with belt
   ② Rearward facing (G-foot 4 bolts) for gcoll up to 9g
   - up to 4 seats in row when placed on 3 legs without belt

* For more information on construction, refer to the approved drawings.

2. Approved Drawings and Documents

1) Drawing No. 331/95 (Rev.C)
2) Drawing No. 421/01eng (11/05/2005)
3) Drawing No. 411/76 (23.11.2004)
4) Drawing No. 351/91 (Rev.A)
5) Drawing No. 331/11 (Rev.B)
6) Drawing No. 071/40 (Rev.D)
7) Drawing No. 421/15 (Rev.A)

3. Test Reports, etc.

1) Static Test performed by manufacturer
   - Drawing No. 053/96~99 (11.09.91)
   - Drawing No. 063/01 (11.09.91)
2) Dynamic Test performed by Autoliv Sverige AB
   - TO-11008568 dated 2011.06.10

B. Approval Condition

1. Application & Limitation

1) This approval cover the strength of seat and mounting with respect to collision only.
2) The upholstery for seat, if applied, should have qualities of resistance to the ignition and propagation of flame in accordance with IMO 2010 FTP Code Annex1, Part 8.
3) Any changes which may influence the strength or safety of the Seat, shall be reported for revision of the approval.

2. Individual Product Cert. and Drawing Approval Requirement

1) Individual Product Certification is not required.

3. Marking

1) The product or packing is to be marked with manufacturer name and type designation on a suitable position.

4. Others

1) Safety belts according to relevant standard, if necessary, shall be provided on passenger seats and crew seats as one-hand-release safety belt of three-point type, shoulder harness or lap-belt.

< End of certificate >