



DET NORSKE VERITAS

EC TYPE-EXAMINATION CERTIFICATE

Application of: Council Directive 96/98/EC of 20 December 1996 on Marine Equipment as amended by directive 2009/26/EC, issued as "Forskrift om Skipsutstyr" by the Norwegian Maritime Directorate. This Certificate is issued by Det Norske Veritas under the authority of the Government of the Kingdom of Norway.

CERTIFICATE NO. **MED-B-6521**

This is to certify that the
Surface materials and floor coverings with low flame-spread characteristics: decorative veneers

with type designation(s)
Nautical Lite Panels

Manufacturer
Bellcomb Technologies, Inc.
Minneapolis MN, United States

is found to comply with the requirements in the following Regulations/Standards:
Annex A.1, item No. A.1/3.18a and Annex B, Module B in the Directive. SOLAS 74, Reg. II-2/3, II-2/5, II-2/6, II-2/9 & X/3, IMO MSC/Circ. 1120, 2000 HSC Code 7 and IMO FTP Code

Further details of the equipment and conditions for certification are given overleaf.

Høvik, 2011-05-26
for **Det Norske Veritas AS**

Eivind Mykland
Head of Department



Notified Body No.: **0575**

DNV local office:
New York

This Certificate is valid until
2016-05-26

Patrick Aubert
Surveyor



The Certificate is subject to terms and conditions overleaf. Any significant changes in design or construction of the product, or amendments to the Directive or Standards referenced above may render this Certificate invalid. The product liability rests with the manufacturer or his representative in accordance with Council Directive 96/98/EC, as amended. The Mark of Conformity may only be affixed to the product and a Declaration of Conformity may only be issued when the production/product assessment module referred to in the council directive, is fully complied with.



Certificate No.: MED-B-6521
Item No.: A1/3.18a
Job Id.: 344.1-002686-2

Product description

Nautical Lite Base Panel: consists of aluminium sheet (minimum 0,4 mm / 0.016") faced to both sides of a non-combustible aluminium honeycomb core. Panel thickness: Minimum 0,125" (3 mm) and maximum 2.0" (50 mm).

Nautical Lite Dura-Hue Panel:

Panel consisting of a "Nautical Lite Base Panel" painted on one or both sides.

Nautical Lite Design-Lam Panel:

Panel consisting of a "Nautical Lite Base Panel" faced on one or both sides with decorative film.

Nautical Lite Dura-Lam Panel:

Panel consisting of a "Nautical Lite Base Panel" faced on one or both sides with decorative laminate.

Nautical Lite Strata Panel:

Panel consisting of a "Nautical Lite Base Panel" faced on one or both sides with natural stone (granite, marble, or travertine).

Application/Limitation

Low flame spread surface material, not generating excessive quantities of smoke nor toxic products in fire. Approved for use throughout the accommodation.

The panels are approved as C-class division (Ref. SOLAS II-2 Reg. 3.10 and IMO MSC/Circ. 1120).

Maximum gross calorific value shall be documented separately where applicable, ref. SOLAS Chapter II-2 Reg. 5.3.2. Any surface material used, other than the one used during testing, has to be tested for low flame spread characteristics and smoke and toxicity according to IMO FTP Code Part 2 and 5 and has to be MED certified.

The honeycomb core has to be approved as non-combustible material according to the Marine Equipment Directive and bear the mark of conformity.

The adhesives used has to be tested for low flame spread characteristics and has to be approved according to the Marine Equipment Directive and bear the mark of conformity.

Each product is to be supplied with its manual for installation/application and maintenance.

Type Examination documentation

Test reports Nos. 01.15216.01.308b (dated 25.02.2010), 01.15216.01.308c (dated 25.02.2010), 01.15216.01.308h (dated 16.03.2010), 01.15216.01.329a (dated 03.06.2010), 01.15216.01.329b (dated 16.06.2010), 01.15216.01.329g (dated 28.05.2010), 01.15216.01.329i (dated 28.05.2010), 01.15216.01.329j (dated 28.05.2010), 01.15216.01.329k (dated 28.05.2010), 01.15216.01.329l (dated 28.05.2010) and 01.15216.01.329p (dated 22.06.2010). All reports from SWRI, USA.

Panel surface and adhesives tested according to IMO FTPC Parts 5 and 2 and /or Annex 2 section 2.2.

Marking of product

The product is to be marked with name of manufacturer, type designation, Mark of Conformity and USCG approval if applicable (see below).

Mark of Conformity

The manufacturer is allowed to affix the Mark of Conformity according to Article 11 in the Council Directive 96/98/EC on Marine Equipment and shall issue a Declaration of Conformity, only when the module D or E or F of Annex B in the same directive is fully complied with:

- Module D: The quality system for production and testing shall be approved by the Notified Body.
Module E: The quality system for inspection and testing shall be approved by the Notified Body.
Module F: Compliance of the products to type as described in this EC Type-Examination Certificate must be verified by the Notified Body who also shall issue a Certificate of Conformity.

USCG Approval

An U.S. Coast Guard approval number will be assigned to the equipment when the production module has been completed and will appear on the production module certificate (module D, E or F), as allowed by the "Agreement between the United States of America and the EEA EFTA states on the mutual recognition of certificates of conformity for marine equipment" signed 17 October 2005.





DET NORSKE VERITAS

QS - CERTIFICATE OF ASSESSMENT - EC

Application of: Council Directive 96/98/EC of 20 December 1996 on Marine Equipment as amended by directive 2009/26/EC, issued as "Forskrift om Skipsutstyr" by the Norwegian Maritime Directorate. This Certificate is issued by Det Norske Veritas under the authority of the Government of the Kingdom of Norway.

CERTIFICATE NO. **MED-D-1422**

This is to certify that the Quality System for the
Surface materials and floor coverings with low flame-spread characteristics
with type designation(s) as specified in the Appendix to this Certificate

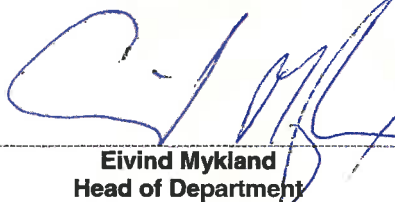
Manufacturer
Bellcomb Technologies, Inc.
Minneapolis MN, United States

is found to comply with the requirements applicable to it.
The quality system for the product, defined in Annex A.1, Item No. **A.1/3.18**, has been assessed with respect to the procedure of conformity assessment described in Annex B, Module D in the directive.

Limitations:

Modifications made to the Quality System shall immediately be reported to Det Norske Veritas AS in order to examine whether this Certificate remains valid. Annual periodical audits will be held to verify the validity of the Certificate.

Høvik, 2011-05-26
for **Det Norske Veritas AS**



Eivind Mykland
Head of Department



Notified Body No.: **0575**

DNV local office:
New York

This Certificate is valid until
2016-05-26



Patrick Aubert
Surveyor



The Certificate is subject to terms and conditions overleaf. Any significant changes in design or construction of the product, or amendments to the Directive or Standards referenced above may render this Certificate invalid. The product liability rests with the manufacturer or his representative in accordance with Council Directive 96/98/EC, as amended.



Certificate No.: MED-D-1422
Item No.: A.1/3.18
Job Id.: 344.1-002686-1

APPENDIX, REV. NO. 0

QS - Certificate of Assessment – EC, Certificate no. MED-D-1422

Type designation	EC Type-Examination Certificate No.	Expiry date	QS Assess. Report dated	USCG approval number
Nautical Lite Base Panel Nautical Lite Dura-Hue Panel Nautical Lite Design-Lam Panel Nautical Lite Dura-Lam Panel Nautical Lite Strata Panel	MED-B-6521	2016-05-26	02.07.2010	164.112/EC0575/6521

The manufacturer complies with the Council Directive 96/98/EC on Marine Equipment and is allowed to affix the Mark of Conformity followed by the DNV identification number 0575 and the two last digits of the number of the year in which the product is produced.

Example:  0575/11


The manufacturer shall issue a Declaration of Conformity for each product with reference to the EC Type-Examination Certificate and this QS – Certificate of Assessment – EC.

USCG Approval

Based on the "Agreement between the United States of America and the EEA EFTA states on the mutual recognition of certificates of conformity for marine equipment" signed 17 October 2005, the manufacturer is allowed to affix the U.S. Coast Guard approval number mentioned in the table above (when applicable).

Place and date: **Høvik, 2011-05-26**

for **DET NORSKE VERITAS AS**


Surveyor



Name in block letters:
Patrick Aubert