



Marine & Offshore

Certificate number: 03558/H0 BV

File number: ACE 14/680/01

Product code: 2555D

This certificate is not valid when presented without the full attached schedule composed of 7 sections

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TYPE APPROVAL CERTIFICATE

This certificate is issued to

GROUPE INTERCABLES
ROQUEFORT LA BEDOULE - FRANCE

for the type of product

INLINE SPLICES FOR CABLES

Type: MARINPAK - P: Power, M: Multiconductors, S: Shielded twisted pairs.

Requirements:

BUREAU VERITAS Rules for the Classification of Steel Ships.

This certificate is issued to attest that Bureau Veritas Marine & Offshore did undertake the relevant approval procedures for the product identified above which was found to comply with the relevant requirements mentioned above.

This certificate is a renewal of certificate N° 03558/G0 BV expiring on 30/01/2020

This certificate will expire on: 30 Jan 2025

For Bureau Veritas Marine & Offshore,

At BV MARSEILLE, on 03 Dec 2019,

Jean Baptiste GARREAU



This certificate remains valid until the date stated above, unless cancelled or revoked, provided the conditions indicated in the subsequent page(s) are complied with and the product remains satisfactory in service. This certificate will not be valid if the applicant makes any changes or modifications to the approved product, which have not been notified to, and agreed in writing with Bureau Veritas Marine & Offshore. Should the specified regulations or standards be amended during the validity of this certificate, the product(s) is/are to be re-approved prior to it/they being placed on board vessels to which the amended regulations or standards apply. This certificate is issued within the scope of the General Conditions of Bureau Veritas Marine & Offshore available on the internet site www.veristar.com. Any Person not a party to the contract pursuant to which this document is delivered may not assert a claim against Bureau Veritas Marine & Offshore for any liability arising out of errors or omissions which may be contained in said document, or for errors of judgement, fault or negligence committed by personnel of the Society or of its Agents in establishment or issuance of this document, and in connection with any activities for which it may provide.

THE SCHEDULE OF APPROVAL

1. PRODUCT DESCRIPTION :

In Line Splices for Marine Cables

Type: **MARINPAK**

- This concerns three families of cables:

P: Power

M: Multiconductors

S: Shielded twisted pairs

2. DOCUMENTS AND DRAWINGS :

According to MARINPAK drawings referenced Mpkzhnom.xls on 23/11/99 and to documents filed in ACE 14/680/01. Installation procedure.

Drawing N°M04BMMZH, Rev.0, dated 22.04.2013.

Specification Ref. GI-MPK, Rev.0, dated Jan 2016.

3. TEST REPORTS :

- Test Reports issued by DIRECTION des CONSTRUCTIONS et ARMES NAVALES de BREST referenced PV N110 ET/SET on 15/12/85.

- Test Reports issued by LCIE referenced 284 295 (A, B, C, D, E) on 13/09/1985.

- Test Reports issued by Extern Laboratoire Sopemea referenced LV 20804 on 15/06/1990.

- Test Reports issued by Extern Laboratoire RATP referenced FR 36860002 on 18/01/1996.

4. APPLICATION / LIMITATION :

4.1 - Bureau Veritas Rules for the Classification of Steel Ships.

4.2 - This item may be used only for repairs, and outside of any zone considered as dangerous due to the possible presence of flammable or explosive gas or vapours.

4.3 - According to MARINPAK drawings referenced Mpkzhnom.xls on 23/11/99.

5. PRODUCTION SURVEY REQUIREMENTS :

5.1 - The above items are to be supplied by **GROUPE INTERCABLES** in accordance with the type described in this certificate.

5.2 - This type of product is within the category DBV of Bureau Veritas Rule Note NR320.

6. MARKING OF PRODUCT :

According to manufacturer's specifications.

7. OTHERS :

7.1 - It is **GROUPE INTERCABLES**'s responsibility to inform shipbuilders or their sub-contractors of the proper methods of fitting, use and general maintenance of the approved equipment and the conditions of this approval.

7.2 - This certificate supersedes the Type Approval Certificate N° 03558/G0 BV issued on 30 Jan 2015 by the Society.

*** END OF CERTIFICATE ***