



**NORWEGIAN DIRECTORATE FOR
PRODUCT AND ELECTRICAL SAFETY**

Date: 12.04.96

Deres ref: Mr. Rudy Bright,

AmerCable, Division of Associated Materials Inc.,
350 Bailey Road,
El Dorado, Arkansas 71730-6600,
USA.

Vår ref: 95/1696,
FAL.

Saksbeh: Fridtjov Løvmo
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**PERMISSION TO USE MARINE CABLES MANUFACTURED BY
AMERCABLE ON BOARD SHIPS AND MOBILE OFFSHORE UNITS.**

We refer to your letter of 19th. March 1996 enclosed copies of type approval certificates from Det Norske Veritas. Furthermore, we refer to our letter of 8th. March 1996 and telfaxer from Mr. Donald J. Goldberg at NASCO, North American Sales Company Inc.

We have noted the information given in your above mentioned letter. On this basis and the basic information we have received earlier we accept the following types of marine cables manufactured by AmerCable, Division of Associated Materials, Inc. for use on board ships and mobile offshore units:

- * Tiger Brand, Shielded Signal(Instrument) Cables, Spec. TB4-102B Marine Armoured and sheathed. Type approval certificate No. E-3269 from Det Norske Veritas.
- * Single conductor power 16 AWG-1111 MCM, Spec. TB4-102A. Multiconductor power and control, Spec. TB4-102B. Type approval certificate No. E-3271 from Det Norske Veritas.
- * Tiger Brand, Shielded Signal(Instrument) Cables, Spec. TB4-102B. Type approval certificate No. E 3531 from Det Norske Veritas.
- * Single conductor - control 18AWG-3/0, power 16 AWG-1111 MCM, Spec. TB4-102A. Multiconductor power and control, Spec. TB4-102B. Type approval certificate No. 3532 from Det Norske Veritas.

The cables are accepted for use anywhere on board according to § 1831 in our Regulations for electrical installations - Maritime installations, but we draw special attention to the Guidance note to § 1831 concerning cables having screen or armouring of aluminum alloy.

The current rating for the cables will be according to table IV in § 1881.3 for cables having temperature class 85°C.

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**NORWEGIAN DIRECTORATE FOR
PRODUCT AND ELECTRICAL SAFETY**

DATE: 12.04.96

YOUR REF: Ruby Bright

OUR REF: 95/1696,FAL

TELEFAX

FAX NR.: 00 1 501 862 9613

PAGES: 3
(INCL. THIS)

TO : AmerCable, Division of Associated Materials Inc.
ATT.: Ruby Bright.
FROM: Norwegian Directorate for Product and Electrical Safety

- The contents of this facsimile are of a formal nature and will be confirmed by letter.
- The contents of this facsimile are of a formal nature and will be filed.
The facsimile will not be confirmed by letter.
- The contents of this facsimile are of a routine nature, and not binding for the
Norwegian Directorate for Product and Electrical Safety as an institution. The facsimile
will not be filed.

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ON BOARD SHIPS AND MOBILE OFFSHORE UNITS.**

We refer to your letter of March 19, 1996 and we hereby fax a copy of our letter of to-day to you.

Regards


Fridtjov Lovmo