

LR Type Approval Certificate Extension

This is to certify that Certificate No. 99/60004 for the undernoted products is extended and renumbered as shown.

This certificate is issued to:

PRODUCER	Draka Marine Oil and Gas
PLACE OF PRODUCTION	1 Tamaqua Blvd. Schuylkill Haven PA 17972 United States of America
DESCRIPTION	Flame retardant single and multiconductor control, instrumentation and power cables, PVC/Nylon insulated, PVC sheath.
TYPES	ST/NT, DT/NT, TT/NT, FT/NT, C14T/NT, C16T/NT, C18T/NT, TP16T/NT, TP18T/NT, TP20T/NT, TP16(IS)T/NT, TP18(IS)T/NT, TP20(IS)T/NT
APPLICATION	Marine, offshore and industrial electrical installations.
SPECIFIED STANDARDS	IEEE45-1998 IEC 92-3 IEC 332-1 IEC 332-3 (Cat.A) UL1309 IEEE1580-2001 CSA C22.2 No.245
CONSTRUCTION	Bare or tinned copper conductor; polyvinylchloride (PVC)/nylon insulation; polypropylene filler; polyvinyl chloride (PVC) sheath; aluminium, bronze or tinned copper braided armor.
RATINGS	Conductor sizes 20AWG to 1000MCM Max. conductor temperature: 90°C Rated voltage: 600V (control and power) 300V (instrumentation)
Certificate No.	99/60004(E1)
Issue Date	01 May 2005
Expiry Date	30 November 2009
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J. N. Croston

**ADDITIONAL
INFORMATION**

Identification: Bostmarine
Single conductor: ST/NT
Twin conductor:DT/NT
Three conductor: TT/NT
Four conductor: FT/NT
Multi-conductor control: C14T/NT, C16T/NT, C18T/NT
Instrumentation: TP16T/NT, TP18T/NT, TP20T/NT, TP16(IS)T/NT,
TP18(IS)T/NT, TP20(IS)T/NT

"This Certificate is not valid for equipment, the design, ratings or operating parameters of which have been varied from the specimen tested. The manufacturer should notify LR of any modification or changes to the equipment in order to obtain a valid certificate."

The Design Appraisal Document No. 99/60004(E1) and its supplementary Type Approval Terms and Conditions form part of this Certificate.

All other details remain as the previous Certificate No. 99/60004 to which this extension should be attached.

Certificate No.	99/60004(E1)
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