




Type Approval Certificate

Germanischer Lloyd

This is to certify that the undernoted product(s) has/have been tested in accordance with the relevant requirements of the GL Type Approval System.

Certificate No.	9793095 HH
Company	MCT BRATTBERG AB Lyckeåborg 371 92 Karlskrona, SWEDEN
Product Description	Cable Penetration System with MCT insert blocks for class A - 60 bulkheads and decks
Type	MCT Brattberg 2000
Environmental Category	None
Technical Data / Range of Application	Frame types: RGS; RGSF; RGSFB; RGSFO; RGSK; RGSO; RGSR; and RGS btb, in sizes -2, -4, -6, -8 and combinations
	Type of modules: Lycron insert blocks
	Insulation: Fully insulated transits according to manufacturers drawing 130509 rev. 01; 130345 rev.01; 130343 rev.1 Partially insulated transit for RGS btb, draw. 130343 rev.1
	Fire test: Approved as cable penetration system in class A-60 bulkheads and decks according to IMO Resolution A. 754 (18)
	Watertightness: Test pressure 2,5 bar
	Gastightness: Air pressure: 160 mbar
Test Standard	Guidelines for the Performance of Type Approvals, Part 4; Edition 2003 IMO Resolution A. 754 (18) and IMO FTPC / Part 3
Documents	Test reports: LPC report no. TE 84956 dated 19.05.1995 and supplement LPC report no. TE 92251 dated 09.04.1999 LYCAB reports QR 9305, QR 9306, QR 9307, QR 9309 LYCAB draw no. 130509 rev. 01, 130345 rev.01, 130343 rev.01
Remarks	None
Valid until	2014-11-26
Page 1 of 1	Type Approval Symbol 
File No. I.N.07	
Hamburg, 2009-11-26	

Germanischer Lloyd

Wolfgang Voß

Carsten Hunsalz

This certificate is issued on the basis of "Regulations for the Performance of Type Tests, Part 0, Procedure".