



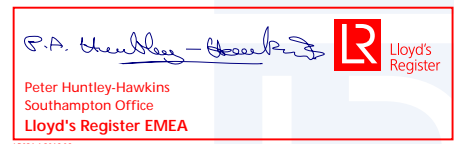
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Type Approval Certificate Extension

This is to certify that Certificate No.12/ 00028 for the undernoted products is extended and renumbered as shown.

This certificate is issued to:

PRODUCER	Pole Star Ltd, 2nd Floor, The Yellow Building, 1 Nicholas Road, London W11 4AN, United Kingdom
PLACE OF PRODUCTION	Exegon Limited, 1-3 Poulson's Yard, Strattons Walk, Melksham, Wiltshire, SN12 6JL, United Kingdom (UK)
DESCRIPTION	Ship Security Alert System (SSAS)
TYPE	DSAS Mk2
APPLICATION	Marine and land based application in environmental categories ENV1, ENV2, ENV3 and ENV5 as detailed in Lloyd's Register Test Specification No.1: 2002
SPECIFIED STANDARD	IEC 60945 Complies with IMO Resolution MSC.136(76) as revised by MSC 147(77) – 29 May 2003
RATINGS	Inmarsat IsatData Pro satellite transceiver (SkyWave IDP-690) DSAS MK2 power pack with multistage charger Normally closed (N/ C) alert activation points
Certificate No.	12/ 00028(E1)
Issue Date	25 May 2017
Expiry Date	24 May 2022
Sheet	1 of 2



P.A.Huntley-Hawkins
Marine Technology & Engineering Services, Southampton
Lloyd's Register EMEA

Lloyd's Register EMEA
71 Fenchurch Street, London EC3M 4BS

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OTHER CONDITIONS

The Lloyds Register Rules and Regulations for the classification of Ships must be complied with when installed on LR Classed vessels.

ADDITIONAL TESTS



Inmarsat Type Approval – Inmarsat certificate IsatData Pro (IDP): IDP/ SW/ 004 showing acceptability for use with Inmarsat Satellite Communications System.

“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 Lloyd’s Register EMEA of any modification or changes to the equipment in order to obtain a valid certificate.”

The attached Design Appraisal Document No12/00028(E1) and its supplementary Type Approval Terms and Conditions form part of this Certificate.

All other details remain as the previous Certificate No.12/ 00028 to which this extension should be attached.

Certificate No. 12/ 00028(E1)
Issue Date 25 May 2017
Expiry Date 24 May 2022
Sheet 2 of 2


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Register
Peter Huntley-Hawkins
Southampton Office
Lloyd's Register EMEA
LR031.1.2016.06

P.A.Huntley-Hawkins
Marine Technology & Engineering Services, Southampton
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