



NIPPON KAIJI KYOKAI

Certificate

Certificate No. TA09678M

OF APPROVAL

FOR AUTOMATIC DEVICES AND EQUIPMENT

Applicant: Pole Star Space Applications Ltd.
Manufacturer: Pole Star Space Applications Ltd.
Place of Manufacturing: Exegon Ltd, Strattons Walk, Melksham, Wiltshire,
United Kingdom
Product description: Ship Security Alert System
Model: PurpleFinder DSAS
Approval No.: 03A011
Specification & documents: Environmental Test File No. TL703, TL703A
Datasheet DMR-200D, DMR-800D
Testing items & approval conditions: As shown on the attached sheet

THIS IS TO CERTIFY that the above mentioned model of the product has been type approved in accordance with the requirements specified in Chapter 1, Part 7 of Guidance for the approval and type approval of materials and equipment for marine use and relevant Society's Rules.

This certificate is valid until 13 April 2014.

Issued at Tokyo on 14 April 2009.

T. Narisawa
General Manager
Machinery Department

Test items: Applied test items are marked with X.

ENVIRONMENTAL TESTS	Mark
External examination	X
Operation test and performance test	X
Electric power supply failure test	X
Electric power supply fluctuation test	X
Power supply fluctuation test	--
Insulation resistance test	X
High voltage test	X
Pressure test	--
Dry heat test (Temperature 70°C×16 hours)	X
Damp heat test	X
Vibration test (Acceleration $\pm 1.0g \times 2$ hours)	X
Inclination test	X
Cold test (Temperature -25°C×2 hours)	X
Salt mist test	X
Electrostatic discharge immunity test	X
Radiated radio frequency immunity test	X
Conducted low frequency immunity test	X
Conducted high frequency immunity test	X
Burst/Fast transient immunity test	X
Surge immunity test	X
Radiated emission	X
Conducted emission	X
Flame retardant test	--