



MARITIME AND PORT AUTHORITY OF SINGAPORE

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Our Ref : FSC 2.6.06 – 04
 Date : 29-January-2013
 Your Ref : — (*Drew Marine*)

TO WHOM IT MAY CONCERN

SUBJECT: LETTER OF APPROVAL FOR TYPE-APPROVED EQUIPMENT

THIS IS TO CERTIFY that the equipment as listed below is considered as acceptable by the Government of Singapore for use on board Singapore registered ships, provided that the equipment :

- i. is in good order and condition and is satisfactory in service
- ii. is replaced when a change of equipment is required by Convention amendments or an upgrade in the required test standard
- iii. when required to be replaced shall be replaced with equipment that is appropriately type-approved to the latest standards

LIST OF EQUIPMENT AND APPROVAL DETAILS

No.	Equipment	Regulations and IMO/Test Standards for Type Approval	Type Approval Body and Approval Details *
01	Line Throwing Appliance (pyrotechnics) Type: “Pains Wessex LINETHROWER 250” Manufacturer: Drew Marine Signal & Safety UK Ltd Address: Langstone Technology Park, Langstone Road, Havant, Hampshire, PO9 1SA, UNITED KINGDOM	SOLAS Regulations III/4, III/34 and X/3 SOLAS Regulation III/18 Chapter 8.1 and 8.8 of IMO Resolutions MSC.36(63) and MSC.97(73) Chapter I and VII/7.1 of IMO Resolution MSC.48(66) “LSA Code” as revised; and IMO Resolution MSC.81(70) as amended	Berufsgenossenschaft für Transport und Verkehrswirtschaft Prüf – und Zertifizierungsstelle Test and Certification Body (Germany), Notified Body 0736 EC-Type Examination (Module B) Certificate No. 424.003 Issued: 31-December-2012 Expiry: 31-December-2017 And, BG Verkehr Dienststelle Schiffssicherheit, Prüf- und Zertifizierungsstelle im DGUV Test (Germany), Notified Body 0736 EC Module D (Production Quality Assurance) Certificate (with Annex dated 27-August-2012) No. SEE 12059, Issued: 27-August-2012 Expiry: 13-September-2014

continued on page 2

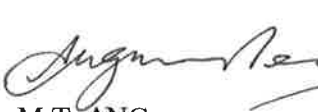



* Equipment accepted with respect to the validity of certificates : IMO MSC.1/Circ.1221 paragraph 3 states “The Committee also agreed that the validity of the Type Approval Certificate itself has no influence on the operational validity of a product accepted and installed onboard a ship and that a product manufactured during the period of validity of the relevant Type Approval Certificate need not be renewed or replaced due to expiration of such Type Approval Certificate.”

LIST OF EQUIPMENT AND APPROVAL DETAILS

No.	Equipment	Regulations and IMO/Test Standards for Type Approval	Type Approval Body and Approval Details *
02	<p>Hand Flares (pyrotechnics)</p> <p>Type: "PAINS WESSEX RED HANDFLARE MK 8 Item No, 52900"</p> <p>Manufacturer: Drew Marine Signal & Safety UK Ltd</p> <p>Address: Langstone Technology Park, Langstone Road, Havant, Hampshire, PO9 1SA, UNITED KINGDOM</p>	<p>SOLAS Regulations III/4 and X/3</p> <p>SOLAS Regulation III/34, Chapter 8.1 of IMO Resolutions MSC.36(63) and MSC.97(73)</p> <p>Chapter 8.2.3.2 of IMO Resolutions MSC.36(63) and MSC.97(73)</p> <p>Chapter I, III/3.2 and Chapter IV/4.1.5.1.11 and IV/4.4.8.14 of IMO Resolution MSC.48(66) "LSA Code" as revised; and,</p> <p>IMO Resolution MSC.81(70) as amended</p>	<p>Berufsgenossenschaft für Transport und Verkehrswirtschaft Prüf – und Zertifizierungsstelle Test and Certification Body (Germany), Notified Body 0736</p> <p>EC-Type Examination (Module B) Certificate No. 426.005 Issued: 31-December-2012 Expiry: 31-December-2017</p> <p>And,</p> <p>BG Verkehr Dienststelle Schiffssicherheit, Prüf- und Zertifizierungsstelle im DGUV Test (Germany), Notified Body 0736 EC Module D (Production Quality Assurance) Certificate (with Annex dated 27-August-2012) No. SEE 12059, Issued: 27-August-2012 Expiry: 13-September-2014</p>

2. A copy of this letter shall be placed onboard the ship with the equipment.
3. This approval is valid* until **13-September-2014**, unless otherwise revoked.

M.T. ANG
for DIRECTOR of MARINE
MARITIME & PORT AUTHORITY OF SINGAPORE

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