



MARITIME AND PORT AUTHORITY OF SINGAPORE

Shipping Division
 460 Alexandra Road
 #21-00 Storey, PSA Building
 Singapore 119963
 Telephone: (65) 6375 6251 / 6375 1929
 Fax: (65) 6375 6231
 FSC Dept general email address: shipping@mpa.gov.sg

Our Ref : FSC 2.6.06 – 01
 Date : 24-October-2012
 Your Ref : —

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	Combined self-activating and self-igniting Light & Smoke Signal (for Lifebuoys) Type: “Pains Wessex Item No.53775 ‘Manoverboard MK8’” Manufacturer: Drew Marine Signal & Safety UK Ltd Address: Langstone Technology Park, Langstone Road, Havant, Hampshire, PO9 1SA, UNITED KINGDOM	SOLAS Regulations III/4 and X/3 SOLAS Regulations III/7.1.3 and III/34 Chapter 8.1 and 8.3.1 of IMO Resolution MSC.36(63) and MSC.97(73) Chapter I, II/2.1 & III/3.3 of IMO Resolution MSC.48(66) “LSA Code” as revised; and, IMO Resolution MSC.81(70) as amended	1. EC-Type Examination (Module B) Certificate No. 422.008 (with Annex No.1 dated 07-October-2010 and Annex No.2 dated 07-August-2012), issued by See-Berufsgenossenschaft Prüf – und Zertifizierungsstelle im BG-PRÜFZERT (Germany), Notified Body 0736; issued: 24-September-2009 expiry: 30-September-2014 And, 2. EC Module D (Production Quality Assurance) Certificate No. SEE 12059 (with Annex), issued by BG Verkehr Dienststelle Schiffssicherheit, Prüf- und Zertifizierungsstelle im DGUV Test (Germany), Notified Body No. 0736; 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>Self-activating Smoke Signal for Lifebuoys (<i>to be used only in combination with an approved self-igniting light</i>)</p> <p>Type: “Pains Wessex Item No. 53830 ‘BuoySmoke MK8’ ”</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 Regulations III/7.1.3 and III/34</p> <p>Chapter 8.1 and 8.3.1 of IMO Resolution MSC.36(63) and MSC.97(73)</p> <p>Chapter I, II/2.1.3 & III/3.3 of IMO Resolution MSC.48(66) “LSA Code” as revised; and,</p> <p>IMO Resolution MSC.81(70) as amended</p>	<p>1. EC-Type Examination (Module B) Certificate No. 422.009 (with Annex No.2 dated 07-August-2012), issued by See-Berufsgenossenschaft Prüf – und Zertifizierungsstelle im BG-PRÜFZERT (Germany), Notified Body 0736; issued: 24-September-2009 expiry: 30-September-2014</p> <p>And,</p> <p>2. EC Module D (Production Quality Assurance) Certificate No. SEE 12059 (with Annex), issued by BG Verkehr Dienststelle Schiffssicherheit, Prüf- und Zertifizierungsstelle im DGUV Test (Germany), Notified Body No. 0736; issued: 27-August-2012 expiry: <u>13-September-2014</u></p>
03	<p>Orange Smoke Signal (for survival craft)</p> <p>Type: “PAINS WESSEX LIFESMOKE MK 8 Art No. 53685”</p> <p>Manufacturer: Pyro Pol GmbH</p> <p>Address: Lippenhorstweg 29, 21514 Hornbek, GERMANY</p>	<p>SOLAS Regulations III/4 and X/3</p> <p>SOLAS Regulations III/34</p> <p>Chapter 8.1 of IMO Resolution MSC.36(63) and MSC.97(73)</p> <p>Chapter I, Chapter III/3.3, Chapter IV/4.1.5.1.12 and Chapter IV/4.4.8.15 of IMO Resolution MSC.48(66) “LSA Code” as revised; and,</p> <p>IMO Resolution MSC.81(70) as amended</p>	<p>1. EC-Type Examination (Module B) Certificate No. 423.006 (with Annex No.1 dated 02-October-2012), issued by See-Berufsgenossenschaft Prüf – und Zertifizierungsstelle im BG-PRÜFZERT (Germany), Notified Body 0736; issued: 21-November-2011 expiry: 30-November-2016</p> <p>And,</p> <p>2. EC Module D (Production Quality Assurance) Certificate No. SEE 12059 (with Annex), issued by BG Verkehr Dienststelle Schiffssicherheit, Prüf- und Zertifizierungsstelle im DGUV Test (Germany), Notified Body No. 0736; issued: 27-August-2012 expiry: <u>13-September-2014</u></p>

continued on Page 3



* 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

04	<p>Orange Smoke Signal (for survival craft)</p> <p>Type: “Pains Wessex Lifesmoke MK 9. Item No. 53700”</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 Regulations III/34 Chapter 8.1 of IMO Resolution MSC.36(63) and MSC.97(73)</p> <p>Chapter I, Chapter III/3.3, Chapter IV/4.1.5.1.12 and Chapter IV/4.4.8.15 of IMO Resolution MSC.48(66) “LSA Code” as revised; and, IMO Resolution MSC.81(70) as amended</p>	<p>1. EC-Type Examination (Module B) Certificate No. 423.008 (with Annex No.1 dated 07-August-2012), issued by See-Berufsgenossenschaft Prüf – und Zertifizierungsstelle im BG-PRÜFZERT (Germany), Notified Body 0736; issued: 03-May-2012 expiry: 03-May-2017</p> <p>And,</p> <p>2. EC Module D (Production Quality Assurance) Certificate No. SEE 12059 (with Annex), issued by BG Verkehr Dienststelle Schiffssicherheit, Prüf- und Zertifizierungsstelle im DGUV Test (Germany), Notified Body No. 0736; issued: 27-August-2012 expiry: <u>13-September-2014</u></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

* 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.”