



**MARITIME AND PORT AUTHORITY OF SINGAPORE**  
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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)<br><br>Type: <b>“Pains Wessex Item No.53775 ‘Manoverboard MK8’”</b><br><br>Manufacturer: Drew Marine Signal & Safety UK Ltd<br><br>Address: Langstone Technology Park, Langstone Road, Havant, Hampshire, PO9 1SA, UNITED KINGDOM | SOLAS Regulations III/4 and X/3<br><br>SOLAS Regulations III/7.1.3 and III/34<br><br>Chapter 8.1 and 8.3.1 of IMO Resolution MSC.36(63) and MSC.97(73)<br><br>Chapter I, II/2.1 & III/3.3 of IMO Resolution MSC.48(66) “LSA Code” as revised; and,<br><br>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<br><br>And,<br>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: <b>13-September-2014</b> |



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\* 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:<br/> <b>“Pains Wessex Item No. 53830 ‘BuoySmoke MK8’ ”</b></p> <p>Manufacturer:<br/>                     Drew Marine Signal &amp; Safety UK Ltd</p> <p>Address:<br/>                     Langstone Technology Park,<br/>                     Langstone Road,<br/>                     Havant, Hampshire,<br/>                     PO9 1SA,<br/>                     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 &amp; 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: <b><u>13-September-2014</u></b></p> |
| 03  | <p>Orange Smoke Signal (for survival craft)</p> <p>Type:<br/> <b>“PAINS WESSEX LIFESMOKE MK 8 Art No. 53685”</b></p> <p>Manufacturer:<br/>                     Pyro Pol GmbH</p> <p>Address:<br/>                     Lippenhorstweg 29,<br/>                     21514 Hornbek,<br/>                     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: <b><u>13-September-2014</u></b></p>  |

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\* 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<br/>(for survival craft)</p> <p>Type: <b>“Pains Wessex Lifesmoke MK 9. Item No. 53700”</b></p> <p>Manufacturer:<br/>Drew Marine Signal &amp; Safety UK Ltd</p> <p>Address:<br/>Langstone Technology Park,<br/>Langstone Road,<br/>Havant, Hampshire,<br/>PO9 1SA,<br/>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: <b><u>13-September-2014</u></b></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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