

# TYPE APPROVAL CERTIFICATE

**This is to certify:**

**That the Miscellaneous**

with type designation(s)

**Electronic Sounder - STExS1DC024, Push Button Call Point - STExCP8 (variants PB, PM and PT), LED Beacon - STExB2LD2DC024, 15 Joule Beacon - STExB2X15DC024, 10 Joule Beacon STExB2X10DC024, Break Glass Call Point STExCP8 (variants BG), Junction Box STExJ2**

Issued to

**European Safety Systems Ltd.**  
**London, LO, United Kingdom**

is found to comply with

**DNV GL rules for classification – Ships, offshore units, and high speed and light craft IEC 60945 Ed. 4 (2002-08) Maritime navigation and radiocommunication equipment and systems – General requirements – Methods of testing and required test results**

**Application :**

**Product(s) approved by this certificate is/are accepted for installation on all vessels classed by DNV GL.**

Type	Temperature	Humidity	Vibration	EMC	Enclosure
<b>Electronic Sounder - STExS1DC024</b>	<b>D</b>	<b>B</b>	<b>A</b>	<b>B</b>	<b>C</b>
<b>Push Button Call Point - STExCP8 (variants PB, PM and PT)</b>	<b>D</b>	<b>B</b>	<b>A</b>	<b>B</b>	<b>C</b>
<b>LED Beacon - STExB2LD2DC024</b>	<b>D</b>	<b>B</b>	<b>A</b>	<b>A</b>	<b>C</b>
<b>15 Joule Beacon - STExB2X15DC024</b>	<b>D</b>	<b>B</b>	<b>A</b>	<b>A</b>	<b>C</b>
<b>10 Joule Beacon STExB2X10DC024</b>	<b>D</b>	<b>B</b>	<b>A</b>	<b>A</b>	<b>C</b>
<b>Break Glass Call Point STExCP8 (variants BG)</b>	<b>D</b>	<b>B</b>	<b>A</b>	<b>B</b>	<b>C</b>
<b>Junction Box STExJ2</b>	<b>D</b>	<b>B</b>	<b>A</b>	<b>B</b>	<b>C</b>

Issued at **Høvik** on **2019-03-27**

This Certificate is valid until **2024-02-13**.

for **DNV GL**

DNV GL local station: **Southampton**

Approval Engineer: **Frederik Tore Elter**

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**Trond Sjøvåg**  
**Head of Section**

This Certificate is subject to terms and conditions overleaf. Any significant change in design or construction may render this Certificate invalid. The validity date relates to the Type Approval Certificate and not to the approval of equipment/systems installed.



Job Id: **262.1-022690-1**  
Certificate No: **TAA00001JN**  
Revision No: **1**

## Product description

Product Name	Type Designation	IEC60945 Location
Electronic Sounder	STExS1DC024	Exposed
Push Button Call Point	STExCP8 (variants PB, PM and PT)	Exposed
LED Beacon	STExB2LD2DC024	Exposed
15 Joule Beacon	STExB2X15DC024	Exposed
10 Joule Beacon	STExB2X10DC024	Exposed
Break Glass Call Point	STExCP8 (variants BG)	Exposed
Junction Box	STExJ2	Exposed

## Application/Limitation

- Installation to be in accordance with approved documentation.
- Scope of approval is limited to applicable parts of IEC 60945 and DNVGL-CG-0339, for ATEX/EX see separate approvals.
- For installations related to fire detection additional requirements may be applicable.

## Tests carried out

- DNVGL-CG-0339 (2016)
- IEC60945 (2002)

## Marking of product

The Manufacturer and Type Designation to be applied to the equipment in a clearly visible location. In addition the equipment shall be marked with serial number, safe distance to magnetic compass, power consumption and/or supply voltage.

## Periodical assessment

Periodical assessment is to be performed after 2 years and after 3.5 years. A renewal assessment will be performed at renewal of the certificate.

The scope of the periodical/renewal assessment is to verify that the production quality conditions stipulated for the type approval are complied with and that no alterations are made to the product design or its components and/or materials without appraisal by the Society.