



Certificate no.:  
**TAA00003CM**

# TYPE APPROVAL CERTIFICATE

## This is to certify:

that the **Central Alert Management System**

with type designation(s)  
**Totem BAMS**

issued to

**Totem Plus Europe GmbH**  
**Hamburg, Germany**

is found to comply with

**DNV rules for classification – Ships, offshore units, and high speed and light craft**  
**IMO Resolution MSC.302(87) Performance standards for Bridge Alert Management**  
**IMO Resolution MSC.252(83) Revised Performance Standards for Integrated Navigation Systems (INS)**  
**IMO A.1021(26) Code on alerts and indicators (2009)**  
**MSC.191(79) Performance standards for presentation of navigation-related information on shipborne navigational displays**

## Application:

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

Issued at **Høvik** on **2023-12-20**

This Certificate is valid until **2028-12-19**.

DNV local unit: **Haifa**

Approval Engineer: **Arve Lepsøe**



for **DNV**

Digitally Signed By: Kristensen, Steinar  
Location: DNV Høvik, Norway  
Signing Date: 20.12.2023

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.

LEGAL DISCLAIMER: Unless otherwise stated in the applicable contract with the holder of this document, or following from mandatory law, the liability of DNV AS, its parent companies and their subsidiaries as well as their officers, directors and employees ("DNV") arising from or in connection with the services rendered for the purpose of the issuance of this document or reliance thereon, whether in contract or in tort (including negligence), shall be limited to direct losses and under any circumstance be limited to 300,000 USD.

