

LLOYD'S REGISTER TYPE APPROVAL – DESIGN APPRAISAL DOCUMENT

ISSUED BY: GLOBAL TECHNICAL SUPPORT OFFICE

ISSUED TO: KONGSBERG AS

FOR: GL-300 TANK GAUGING SYSTEM

TYPE: MONITORING SYSTEM

The undernoted documents have been reviewed for compliance with the requirements of the Lloyd's Register Type Approval Schemes Procedure (01/01/2025) and this Design Appraisal Document forms part of the Certificate.

APPROVAL DOCUMENTATION

Unnumbered	Application Checklist	
439766	Request for Marine Services – Type Approval	10.10.2024
HPC1462079-23/MK	Previous Type Approval Certificate DAD	11.12.2023
LR2002080TA-02	Previous Type Approval Certificate	11.12.2023
Unnumbered	Production Quality Assessment	27.03.2023
Unnumbered	GC-306 Cargo Temperature Unit	01.10.2024
Unnumbered	GLA-310/5 Dual – Radar Tank Gauge for Liquefied Gas	01.10.2024
Unnumbered	HCM-300 HART Communication Module	01.10.2024
Unnumbered	RCM-300 Radar Communication Module	01.10.2024
Unnumbered	TCU-300 Tank controller Unit	01.10.2024
IECEX DNV 22.0039X	EX certificate for RCM-300	07.07.2023
DNV 22 ATEX 82891X	Ex certificate for RCM-300, HCM-300	07.07.2023
Sira 14ATEX2056X	Ex certificate for GLA-300, GLA-310	14.04.2024
IECEX SIR 14.0025X	Ex certificate for GLA-300, GLA-310	01.10.2024

TEST REPORTS

E17118.00	Radar Tang Gauge	22.09.2017
REP007416	Tank Controller Unit, Radar Channel Module and HART Channel Module	02.09.2024


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Supplementary Type Approval Terms and Conditions

Type Approval certifies that a representative sample of the product(s) referred to herein has/have been found to meet the applicable design criteria for the use specified herein. It does not mean or imply approval for any other use, nor approval of any product(s) designed or manufactured otherwise than in strict conformity with the said representative sample.

Type Approval is based on the understanding that the manufacturer's recommendations and instructions and any relevant requirements of the Rules and Regulations are complied with.

Type Approval does not eliminate the need for normal inspection and survey procedures required by the Rules and Regulations. Lloyd's Register EMEA reserves the right to cancel or withdraw this Type Approval Certificate in accordance with the Lloyd's Register Type Approval System Procedure.