

APPROVAL OF SERVICE SUPPLIERS

This is to certify that

Welaptega Marine Limited
, Canada

is granted acceptance for

Renewal survey examination of Mooring chain intended for Mobile Offshore Units , in accordance with Class Programme DNVGL-CP-0484.

This service supplier certificate will be accepted for use with all rule sets published by DNV GL.
See the following page(s) for details regarding application.

This Certificate is valid until **2021-05-24**.

Issued at **Halifax** on **2018-06-20**



for **DNV GL**

This document has been digitally signed and
will therefore not have handwritten signatures

Kaptan, Murat
**Senior Surveyor/ Auditor / Approval
Engineer**

This Certificate may be withdrawn if:

1. The service provided has been improperly carried out or the results improperly reported.
2. The surveyor has found any deficiencies in the accepted operating systems of the service supplier.
3. The firm has failed to inform of any major changes having effect on the quality of the service rendered.
4. The conditions listed in the certificate are changed and/or are not fulfilled.

Application:

The conditions to which the certificate is based:

1. Requirements stated in DNV Approval Programme No. 413, October 2013, relevant parts for in-water surveys.
2. Company is assessed and approved to provide the following in-water surveys related to Mobile Offshore Units classed by the Society including:
 - a. Long term chain mooring systems
 - b. Long term wire I fibre rope mooring systems
 - c. Structures and equipment below water line
3. Typical for vessels such as:
 - a. Floating Production and Storage Offloading Units (FPSO)
 - b. Floating Storage Units (FSO)
 - c. Semi-submersible Units
 - d. Ship-shaped Units
 - e. Self elevating Units
4. This approval comprises of the following company services:
 - a. Chain Measurement (GMS)
 - b. Rope Measurement (RMS)
 - c. HD3D Video System (HD3DV)
 - d. 3D Modeling System (3DM)
 - e. Mechanical Subsea Caliper System
 - f. Semi-Autonomous Mooring Inspection Robot (SAMIR)
5. If any alteration to the service operation system is made, such alteration requires approval and DNV-GL is to be immediately informed.

Agents:

Name	City	Country
Welaptega Brasil Inspecao Offshore Ltda	Rio de Janeiro	Brazil
Welaptega Marine UK Ltd	Aberdeen	United Kingdom