



GUIDE FOR

CONVERSION OF SELF-ELEVATING UNITS TO OFFSHORE INSTALLATIONS

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Foreword

Converting a self-elevating unit to an offshore installation can be a cost effective option for developing an offshore field. When converting a self-elevating unit to an offshore installation, the classification of the existing self-elevating unit as a mobile unit is to be changed to be classified as a site-specific offshore installation.

This Guide provides guidance and specifies the classification requirements for converting self-elevating units to offshore installations. The marine and safety systems may be included within ABS's scope of classification if they are requested to be classed by the Owner. The jacking system is to be included in ABS's scope of classification until the unit is on station. The jacking system will remain a part of class if it is kept active, giving the ability to jack up or down and holding on station, or it is requested to be kept within class by the Owner.

This Guide is to be used in conjunction with the *ABS Rules for Building and Classing Mobile Offshore Drilling Units* and the *ABS Rules for Building and Classing Offshore Installations*.

This Guide becomes effective on the first day of the month of publication.

Users are advised to check periodically on the ABS website www.eagle.org to verify that this version of this Guide is the most current.

We welcome your feedback. Comments or suggestions can be sent electronically by email to rsd@eagle.org.



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SECTION 1 General

1 Introduction

This Guide provides guidance for converting Self-Elevating Units (SEUs) to Offshore Installations (OIs) for Hydrocarbon Production and/or Processing service.

Where a SEU is converted to an OI, the classification requirements of this Guide are to be complied with, and the ABS **Offshore Installation** notation will be granted when found satisfactory.

If the marine and safety systems serving the entire installation are requested to be classed by the Owner, ABS's scope of classification work is to include the marine and safety systems and compliance with applicable ABS Rules and/or Guides, as referenced in 7-2-A3/3 of *ABS Rules for Building and Classing Mobile Offshore Drilling Units (MODU Rules)*, is required.

If non-structural items of the installation are excluded from ABS's scope of classification, and if the jacking system is only to be used during the initial jacking of the unit on site, the jacking system at a minimum is to be restricted to an examination to confirm the system's ability to elevate the unit to the required elevation at the final location in accordance with Section 5. A calculation is to be submitted confirming that the unit's final total load to be lifted does not exceed the jacking unit rated capacity.

Upon satisfactory review and survey, ABS will issue documentation to the unit for a single voyage from the conversion yard to the installation site. After the installation is completed and the Surveyor is satisfied, a report will be submitted to the Class Committee requesting issuance of a full term Class Certificate.

3 Governmental Regulations

It is recognized that an Offshore Installation is typically sited in the jurisdiction of one or more governmental authorities. ABS, at the request of the Operator and where recognized by the pertinent governmental authorities, may modify the scope of classification and apply criteria that conform to the technical standards specified by the governmental authority for the purposes of granting classification.

5 Operating Manual

An Operating Manual is to be submitted to verify changes to the design information and limitations considered in the conversion of the unit. The Operating Manual is to contain the information listed in Section 1-1-5 of the *MODU Rules* as applicable. The manual is to be placed aboard the unit for the guidance of the operating personnel. The primary language of the Operating Manual is to be English. ABS is not responsible for the operation of the unit.

7 Documentation

The documentation needed to verify the acceptability of the structure, equipment and systems for the selected scope of classification is to be provided for review. Reference is to be made to documentation requirements in the applicable Rules. The documentation is to include drawings, analyses, testing and inspection reports, material certificates, reports on geotechnical and other ground conditions, reports on the long-term environmental conditions at the operating site and those needed to assess conditions during transport and installation, and seismic condition where applicable, etc.