

DEP SPECIFICATION

ROV OPERATIONS FOR WORK CLASS VEHICLES

DEP 37.81.42.34-Gen.

September 2011

ECCN EAR99

DESIGN AND ENGINEERING PRACTICE



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1. INTRODUCTION

1.1 SCOPE

This new DEP specifies the requirements and gives recommendations for Work Class type offshore remote operated vehicle (ROV) operations, with exclusion of requirements for drilling, completions and workover support.

This DEP covers the following main topics:

- Requirements for ROV equipment
- Roles and responsibilities
- Reporting requirements

1.2 DISTRIBUTION, INTENDED USE AND REGULATORY CONSIDERATIONS

Unless otherwise authorised by Shell GSI, the distribution of this DEP is confined to Shell companies and, where necessary, to Contractors and Manufacturers/Suppliers nominated by them. Any authorised access to DEPs does not for that reason constitute an authorisation to any documents, data or information to which the DEPs may refer.

This DEP is intended for use in facilities related to offshore oil and gas production. Application in other facilities may also apply.

When DEPs are applied, a Management of Change (MOC) process should be implemented; this is of particular importance when existing facilities are to be modified.

If national and/or local regulations exist in which some of the requirements could be more stringent than in this DEP, the Contractor shall determine by careful scrutiny which of the requirements are the more stringent and which combination of requirements will be acceptable with regards to the safety, environmental, economic and legal aspects. In all cases, the Contractor shall inform the Principal of any deviation from the requirements of this DEP which is considered to be necessary in order to comply with national and/or local regulations. The Principal may then negotiate with the Authorities concerned, the objective being to obtain agreement to follow this DEP as closely as possible.

1.3 DEFINITIONS

1.3.1 General definitions

The **Contractor** is the party that carries out all or part of the design, engineering, procurement, construction, commissioning or management of a project or operation of a facility. The Principal may undertake all or part of the duties of the Contractor.

The **Manufacturer/Supplier** is the party that manufactures or supplies equipment and services to perform the duties specified by the Contractor.

The **Principal** is the party that initiates the project and ultimately pays for it. Also, the Principal may include an agent or consultant authorised to act for, and on behalf of, the Principal.

The word **shall** indicate a requirement.

The word **should** indicate a recommendation.

1.3.2 Specific definitions

Term	Definition
Principal's Representative	Person or persons designated by Principal as representing Principal on all matters relating to a specific project covered under the DEP.

1.3.3 Abbreviations

Term	Definition
API	American Petroleum Institute
CV	Cirriculum Vitae
HPU	Hydraulic Power Unit
IMCA	International Marine Contractors Association
ISO	International Organization for Standardization
LARS	Launch and Recovery System
MSDS	Material Safety Data Sheet
NORSOK	Norwegian Technology Standards Institution
ROV	Remote Operated Vehicle
TDU	Tool Deployment Unit
TMS	Tether Management System

1.4 CROSS-REFERENCES

Where cross-references to other parts of this DEP are made, the referenced section number is shown in brackets (). Other documents referenced by this DEP are listed in (7).

1.5 COMMENTS ON THIS DEP

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1.6 DUAL UNITS

This DEP contains both the International System (SI) units, as well as the corresponding US Customary (USC) units, which are given following the SI units in brackets. When agreed by the Principal, the indicated USC values/units may be used.