

DEP SPECIFICATION

DEEPWATER SUBSEA HARDWARE ROV INTERFACES (AMENDMENTS/SUPPLEMENTS TO API RP 17H)

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DESIGN AND ENGINEERING PRACTICE



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PART I INTRODUCTION

1.1 SCOPE

This new DEP specifies requirements and recommendations for deepwater subsea hardware ROV interfaces in order to meet the Principal's system design requirements.

This DEP is based on API RP 17H:2013. Part III of this DEP amends, supplements and deletes various clauses of API RP 17H:2013. Part III follows the clause numbering of API RP 17H for easy reference.

All clauses of API RP 17H not modified by this DEP remain valid as written.

This DEP promotes the use of existing "field-proven" equipment and components, which have been developed through "standardization". One objective of this DEP is to continue the proven practices where applicable and utilize the associated tooling/interfaces whenever possible to reduce costs and increase reliability.

This DEP has been developed using field data and lessons learned from previous projects from the various departments within Shell. It represents the model that SIEP consider to meet their global needs. Project specific requirements will be provided within a separate document for each particular project.

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 facilities. This DEP may also be applied in other similar facilities.

When DEPs are applied, a Management of Change (MOC) process shall 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. The Principal may also include an agent or consultant authorised to act for, and on behalf of, the Principal.

NOTE: In API RP 17H, the term **Company** is used. In this DEP, the term **Company** shall be understood to mean the Principal.

The word **shall** indicates a requirement.

The word **should** indicates a recommendation.