



Exploration & Production

GENERAL SPECIFICATION

STRUCTURAL

GS EP STR 107

Offshore Structures decommissioning

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1. Scope

This general specification defines Company requirements related to planning, engineering, methodologies and operations for decommissioning offshore structures.

It applies to:

- Fixed structures such as steel piled jackets and topsides
- Gravity Based structures (steel or concrete)
- Drilling or installation templates
- Bridges, articulated columns
- Modules resting on floating structures
- Pier structures such as loading platforms, trestles, mooring or breasting dolphins
- Subsea structures piled or founded on suction anchors
- Piles and conductor pipes
- Risers and appurtenances.

The following items are not covered in this document:

- Hulls and moorings lines/tethers of floating installations
- Jack-ups
- Sealines, umbilical and flowlines
- Casings inside conductor pipes
- Onshore disposal operations.

The present specification shall be read together with the Particular Project Specifications (PPS) for the project, which will in particular state which regional, national and international regulations apply.

Design for lifting, refloating, upending, transportation and seafastening, offshore and onshore backloading shall fulfil **GS EP STR 401** criteria unless otherwise specified in the present specification or Particular Project Specifications.

Onshore disposal operations themselves are not in the scope of the present General Specification. It shall be addressed in a Particular Project Specification.

Unless otherwise approved by COMPANY, marine operations and reverse loadouts, where applicable, shall fulfil **GS EP STR 401** criteria.

2. Reference documents

The reference documents listed below form an integral part of this General Specification. Unless otherwise stipulated in the CONTRACT, the applicable version of these documents, including relevant appendices and supplements, is the latest revision published at the EFFECTIVE DATE of the CONTRACT. References to superseded standards that may occur on technical documents will not over-write this clause.

Standards

Reference	Title
API RP 2A LRFD (ISO 19902)	Recommended Practice for Planning and Constructing Fixed Offshore Platforms Load and Resistance Factor Design
API RP 2A WSD	Recommended Practice for Planning and Constructing Fixed Offshore platforms, Working Stress Design
DNV	Rules for Planning and Execution of Marine Operations
BV - NI 183	Towage at sea of vessels or floating units
NDI Ltd - Report 0030/NDI	General Guidelines for Marine Transportations
DnV RP H102	Recommended practice - Marine operations during removal of offshore installations, April 2004

Professional Documents

Reference	Title
Not applicable	

Regulations

International conventions

- 1982 United Nations Convention on Law Of the Sea (UNCLOS)
- 1958 Geneva Convention on the Continental Shelf
- 1972 London Dumping Convention (LC72) and 1996 Protocol
- 1989 International Maritime Organisation (IMO) guidelines
- 1989 Basel Convention

Regional Conventions

The list below is not exhaustive. Applicable regional conventions shall be indicated in the PPS:

- Bucharest 1992 (Black sea)
- Cartagena 1983 (Caribbean)
- Nairobi 1985 (Eastern Africa)
- Kuwait 1978 (Red sea and Gulf of Aden)
- Barcelona 1976 (Mediterranean sea)
- Nouméa 1986 (South Pacific)
- Lima 1981 (South Pacific)
- Abidjan 1981 (West and central Africa)

- Helsinki 1974 & 1992 (Baltic Sea)
- OSPAR 1992 & Decision 98/3 (North East Atlantic)

National regulations

The list here below is not exhaustive. Applicable national conventions shall be indicated in the PPS.

UK:

- Prevention of Oil pollution act 1972
- Control of pollution Act 1974
- Food & Environment Protection Act 1985
- Environmental Protection Act 1990
- Radioactive Substance Act 1993
- Petroleum Act 1998

Norway:

- The Pollution Act 1984
- Petroleum Act 1985
- Safety Regulations 1985
- The Law on Cost Sharing of Abandonment 1985
- Norwegian Petroleum Directorate Guidelines 1990
- Pollution Regulations 1994

Codes

Reference	Title
IMO A749 (18)	

Other documents

Reference	Title
Not applicable	

Total General Specifications

Reference	Title
GS EP COR 350	External protection of offshore and coastal structures and equipment by painting
GS EP GEO 702	Requirements for design and installation of skirted foundations and suction anchors