



Exploration & Production

GENERAL SPECIFICATION

SURVEYS

GS EP GEO 402

GIS Requirements for Field Development Project

00	01/2012	First Issue
Rev.	Date	Notes

Owner: DEV/TEC

Managing entity: DEV/TEC/GEO



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1. Scope

1.1 Purpose

Company uses a Geographic Information System (GIS) to manage geographic or geo-referenced data during the Project execution.

Company updates the GIS with data from all packages in line with the following successive steps and operations of the Project:

- Basic & Detailed Engineering
- Construction, Transportation, and Installation
- Surveys and inspections
- Final Documentation.

Contractor shall therefore provide all geographic or geo-referenced data in a format compatible with Company's GIS. This document provides general and particular requirements for preparation, identification, control and delivery of geographic and geo-referenced data issued by Contractor to Company.

Geographic Data includes cartographic vector shapes (point, line, and polygon) or raster (elevation grid, images, etc...) positioned with coordinate geo-referenced into the Project planimetric and vertical coordinate systems or into a local coordinate system defined by Contractor.

Geo-referenced data are non geographic data associated to a geographic data using an identification key (ex: structure name or tag), ex: Attributes in tables, PDF reports, pictures, videos...

1.2 Field of application

This procedure applies to:

- All Package geo-referenced layouts or general arrangements issued during the detailed engineering (ex: Field Layout, FPSO Hull Deck Plot plan, etc...)
- Installation schedules
- Outputs from survey and inspection activities including any associated videos, pictures...
- As-built layouts provided as part of the Final Documentation.

2. Reference documents

The reference documents listed below form an integral part of this General Specification. Unless otherwise stipulated, the applicable version of these documents, including relevant appendices and supplements, is the latest revision published at the EFFECTIVE DATE of the CONTRACT.

**Standards**

Reference	Title
Not applicable	

Professional Documents

Reference	Title
Not applicable	

Regulations

Reference	Title
Not applicable	

Codes

Reference	Title
Not applicable	

Other documents

Reference	Title
Not applicable	

Total General Specifications

Reference	Title
GS EP GEO 401	GIS requirements for engineering site surveys and studies
GS EP PJC 702	Requirements for electronic documents at project execution and field operations phases
GS EP PJC 703	Contractor FINAL DOCUMENTATION requirements