



Exploration & Production

## GENERAL SPECIFICATION

### GEOINFORMATION

#### GS EP GIN 301

**Geographical Information shared data specifications**

|      |         |             |
|------|---------|-------------|
|      |         |             |
|      |         |             |
|      |         |             |
|      |         |             |
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## 1. Scope

### 1.1 Purpose

This General Specification (GS) defines the shared data management process.

The shared data management process applies to E&P shared Geographic Information within the meaning of the Company Rule on Geographic Information. This document answers the following questions:

- How are E&P shared data identified?
- How are E&P shared data managed?

### 1.2 Application

This document applies for requests to create, modify or delete E&P shared data.

All shared data managed in the Geoscope application are visible internally but may not be distributed externally.

## 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 |
|----------------|-------|
| Not applicable |       |

## 3. Terminology

| Terminology/Abbreviations             | Description                                                                                                                                                                                                                                                                                                                   |
|---------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Geographical Information              | Point, linear, surface or grid object, defined by its geographical position with respect to the surface of the Earth, in Space and in Time. It can be represented on a plane or a map, or a 3D model, using either its coordinates expressed in planimetric and vertical systems, or its position relative to another object. |
| Non Geographical Information          | Any data whose description does not include a location with respect to the surface of the Earth and whose electronic format can be attributary (table) or documentary (files).                                                                                                                                                |
| Georeferencing                        | Action of assigning a geographical position to non geographical information.                                                                                                                                                                                                                                                  |
| Business Geographical Information     | Set of geographical or georeferenced information specific to a business. It can either be directly acquired or measured, or result from a processing or interpretation phase.                                                                                                                                                 |
| E&P Shared Geographical Information   | Set of geographical or georeferenced information of shared interest in E&P in terms of cross-functionality: sharing, exchange, use and guaranteeing uniqueness. It is a subassembly of all the business geographical information.                                                                                             |
| Geographical Information System (GIS) | The GIS is a set of components (hardware, software, data, users and methods) intended for the storage, processing, management, analysis and communication of georeferenced information. All this information is generally stored in databases which can also be used to produce representations as drawings and maps.         |

| Terminology/Abbreviations                  | Description                                                                                                                                                                                                                     |
|--------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Geoscope                                   | Application to present and manage the shared data                                                                                                                                                                               |
| Enterprise Geographical Information System | The main objectives are broad access to the Enterprise shared geographical data, an infrastructure for management and administration of shared data, economies of scale in the deployment and use of GISs within the enterprise |
| IS                                         | Information System - Information Technology (IT)<br>Set of hardware and software resources used for storage, processing and transport of data in electronic form.                                                               |

As basic postulate, 50 layers have been identified in Exploration and Production, as shared data. They are listed in Appendix 1.

These shared data are saved and shared in the Geoscope application.

## 4. Managing the shared data in E&P

Management of E&P shared data can be broken down into three sub-processes which must be applied strictly:

- Identifying the shared data to be shared in E&P
- Modifying the shared data published in Geoscope
- Deleting Geoscope shared data.

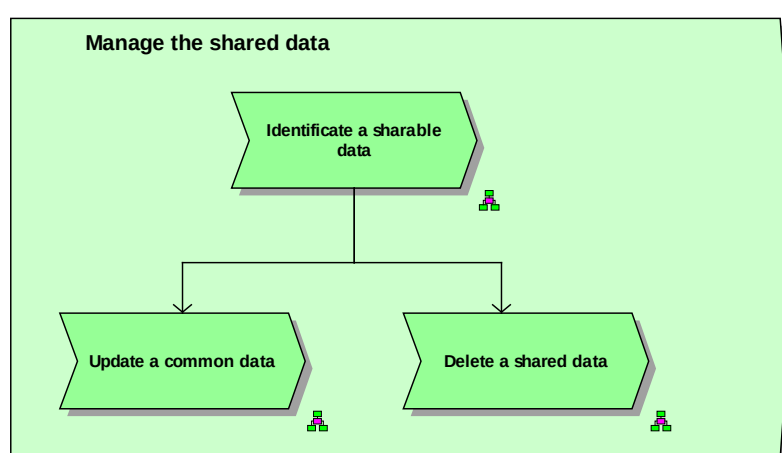


**Figure1: Managing the shared data in E&P**

The following chapters specify the scope of each of these processes. They define the various individuals involved in each of these activities.