



Exploration & Production

GENERAL SPECIFICATION

TELECOMMUNICATIONS

GS EP TEL 710

Telecom equipment numbering

04	04/2009	General update
03	10/2006	General update
02	10/2005	Update of Telecom System Code (functional identification) + addition of EP root to GS identification
01	10/2003	Cables tagging
00	07/2003	First issue
Rev.	Date	Notes



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1. Scope

The aim of this specification is to establish a uniform means of designating IT (Information Technologies, including Telecommunications and Data systems) equipment for the COMPANY Oil & Gas installations. The designation system includes the alphabetical coding for the telecom device type and the numbering system for the function.

The standard identification requirements detailed below shall be used for all identification of all IT equipment except the bulk procured equipment on all the project drawings, documents and databases. All IT equipment shall be identified in accordance with this specification including those supplied with subcontracted equipment or packages.

This specification is applicable for all parts of the projects.

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. TELECOM and DATA Equipment IDENTIFICATION method

The numbering system described here below includes 3 numbering coding system:

- Telecom systems numbering and telecom cables numbering
- Data systems numbering
- Voice and data distribution sockets.

3.1 Telecommunication Equipment Numbering

WP - TS - ET - SN - DC

Each telecom equipment shall be designated by an alphanumeric code (named tag number).

Typically the tag number is composed of the following parts, separated by a "-" (minus sign):

- **Work Package code:** one or two alphanumeric digits, as defined for Engineering Documents Identification according to COMPANY numbering requirements for technical documents on the project
- **Telecom System code:** two numeric digits
- **Equipment type:** two alpha digits
- **Sequential Number:** three numeric digits. A number from 001 to 999 within the subsystem will ensure unique identification of each equipment
- **Discrimination code:** one alphanumeric digit, optional, for the identification of several same type equipment used in parallel.

3.1.1 Work package code

The work package code is a specific code for each Oil & Gas installation. It will be allocated in compliance with the applicable COMPANY overall numbering specification for the project.

An example of work package coding for development projects involving FPSO could be as described in the table here below (partial):

Prefix	Description
PG	Project General (i.e. when a material cannot be classified into another specific code)
FG	FPSO General (i.e. when a material cannot be classified into one of the FPSO code)
HU	FPSO Hull
TO	FPSO Topside
LQ	FPSO Living Quarter
EX	Export System - Offloading Lines
OB	Export system - Offloading Buoy
SG	Subsea General (i.e. when a document cannot be classified into one of the subsea code)
SM	Subsea Manifold System
SS	Subsea Separation
FT	Telecom by Optic Fiber

For an onshore plant including several buildings, camp, process & marine areas, the work package could identify the different areas and buildings. An example of work package coding for development projects involving a LNG Plant and a Pipeline could be as described in the table here below:

Prefix	Description
20	Pipeline
30	LNG Plant
31	LNG Train 1
32	LNG Train 2
34	Common Reception Facilities
35	Utilities & Flares
36	LNG Storage & Terminal
37	Buildings, Camp & Civil

For a campus including several buildings, the work package could identify the buildings.