Appendix A: OFFSHORE | SUBSEA FIELD DEVELOPMENT
LIFECYCLE adapted from ISO 13628 - 1

Main Process Facilities on Offshore Platform (Fixed or Floating) or on land

- Master Control Station
- Power | Comms. Unit
- Hydraulic Power Unit
- Chemicals
- Choke | Separator Monitoring

Intervention or Installation Vessel

- Intervention Surface Equipment:
  - Control Container
  - Umbilical Winch
  - Lift Wire Winch
  - Heave Compensation Equipment

- Intervention Surface Equipment:
  - ROV Topside Eq.

- Tool Carrier(s)
  - Misc. tools for sea lines pull in / connections, running of control module, pig launcher etc.

- ROT
  - W.O Riser Joint
  - Stress Joint

- Control Module
  - Choke
  - Producers Guide Base

- Manifold Protector

- Manifold / Distribution Module

- Foundation Structure i.e. for trees and manifold

Drilling | Completion Rig

- Workover Control System:
  - HPU
  - MCU
  - Umbilical Reels
  - Surface Tree Shut Down Panel
  - ESD Panels
  - Local Control Panel

- Surface Tree (Upper Safety Block)

- Surface Tree Adapter Joint

- Riser Tension Joint

- ROV

- EM. quick disc. pack

- Tree Prod. Str

- Tree Cap

- Tree

- Tubing Hanger

- Downhole Safety Valve

- Downhole Pressure

- Packer

- Reservoir

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