

Cable & Wire Applications in the Oil, Gas & Petrochemical Industry



A Pump Jack

Pumps crude oil out of the ground. Onshore use.
[2] [3] [4] [5] [9] [10]

B Onshore Rig / Drilling Rig

Drilling machine that drills wells for the extraction of oil or other materials from the ground.
[1] [2] [3] [4] [5] [10]

C Refinery / Petrochemical Plant

Production facility where raw materials like crude oil or natural gas are processed to become more valuable products, such as petroleum/oil, gas or various types of plastics.
[1] [2] [3] [4] [5] [10]

D Oil, Gas & LNG Terminal

Liquid natural gas (LNG) terminals are port terminals designed to accommodate large LNG carrier ships designed to load, carry and unload LNG.
[1] [2] [3] [4] [5] [10]

E Oil or Gas Tanker

Ship designed to transport oil or gas by sea or other waterways.
[1] [2] [3] [4] [5] [10]

F Mechanical Carrying Cable

Mechanical cable (no signal or power transmission) with support elements (e.g. kevlar braids) to enhance mechanical properties like tensile strength. Used to carry heavy loads by helicopters or cranes.
[6]

G Platform Supply Vessel

Specially designed ship to supply offshore oil and gas platforms. Its primary function is to provide logistical support and transport goods, tools and equipment including ROVs and personnel.
[6] [7] [9]

H Diving Bell

Rigid chamber used to transport equipment from the surface to underwater workplaces and back in open water. It is used for performing underwater work. The air supply for the workers or electrical energy for tools is usually transmitted from ships to the diving bell.

Submersible hybrid solutions made of:

[1] [3] [5] [4] [10]

I ROV

A remotely operated vehicle (ROV) is a cable-operated device for working on the seabed, for example, for inspections, repairs or measurements. Electrical power, data and video signals are usually transmitted from ships.

Special ROV HYBRID-tethers or cables available upon request with:

[1] [2] [3] [5] [4] [10]

J FPSO/FSO

A floating production storage and offloading (FPSO) unit is a floating vessel for the refining, producing and processing of hydrocarbons, and for the storage of oil.

IMPORTANT: only with offshore approvals

[1] [2] [3] [4] [5] [7] [9] [10]

K LNG Carrier

An LNG carrier is a tank ship designed for transporting liquefied natural gas.

IMPORTANT: only with offshore approvals

[1] [2] [3] [4] [5] [10]

L Floating Cable

Used for the extraction of oil, gas or other materials as a (partially) self-floating connection to a ship.
[6]

M Offshore Hotel Platform

Offshore building on a platform that is used for living accommodations for workers of surrounding offshore facilities.

IMPORTANT: only with offshore approvals + CPR requirements

[1] [3] [5] [4] [8] [10]

N Offshore Oil Rig

Offshore drilling machine that drills wells for the extraction of oil or other materials from the seabed.

IMPORTANT: only with offshore approvals

[1] [3] [5] [4] [10]

O Oil Well Manifold

An arrangement of piping or valves designed to control, distribute and typically monitor fluid or gases. It is permanently submerged.

[1] [2] [3] [4] [5] [10]

P AUV

Autonomous underwater vehicles (AUVs) are submersed machines and vehicles working on the seabed on installation and repair projects.

[1] [2] [3] [4] [5] [10]

Q Subsea Technology

Underwater control room where all electrical signals from surrounding machines and devices converge or are distributed.

[1] [2] [3] [4] [5] [10]

[1] Instrumentation Cables

HELUDATA® & TRAYCONTROL® 300

[2] Thermocouple Extension Cables

HELUTHERM®

[3] Control Cables

HELUCONTROL®, MEGAFLEX® & TRAYCONTROL® 600

[4] Data Cables (Copper & Fiber Optics)

HELUKAT® & HELUCOM®

[5] Power Cables

HELUPOWER®, TOPFLEX® & HELUWIND® WK DLO & DLO-TORSION

[6] Custom Cables

[7] HELUTHERM® 145

[8] HELUSOUND® PH30

[9] MULTIFLEX 512®-PUR UL/CSA

[10] Accessories

HELUTOP®