

AN LNG TERMINAL

ABSTRACT

The present invention relates to LNG terminal (1), the terminal comprising:

- an onshore LNG facility (G7),
 - at least one floating storage structure (G1), the at least one floating storage structure (G1) comprising an elongated shape with a first end (2) and a second end (3),
 - a permanent mooring system (G8) for mooring the at least one floating storage structure (G1),
 - a jetty (4), the jetty (4) extending in a longitudinal direction from a shoreline (5) out into a body of water (6) and terminating at a loading jetty portion (7), the loading jetty portion (7) comprising a first mooring arrangement (8) for mooring an LNG carrier (G2) and an external transfer system (G6),
 - the jetty (4) further comprising at least one internal transfer system (G5), the at least one internal transfer system (G5) being arranged at a point along the length of the jetty between the shoreline (5) and the loading jetty portion (7),
 - a pipeline system (9) adapted for transporting hydrocarbons between the onshore LNG facility (G7), the at least one internal transfer system (G5) and the external transfer system (G6),
- wherein the floating storage structure (G1) is connected to the internal transfer system (G5) at the first end (2) of the floating storage structure (G1), and where the floating storage structure (G1) is moored such that the second end (3) is oriented in an angle substantially perpendicular to the longitudinal direction of the jetty (4).

(Figure 2A)