

PROJECT:

Jabiru FPSO & RTM Relocation & Reuse

under-promise
over-deliver



CLIENT:

PTTEP AA

LOCATION:

Timor Sea

WATER DEPTH:

132 m

IDENTIFY

SELECT

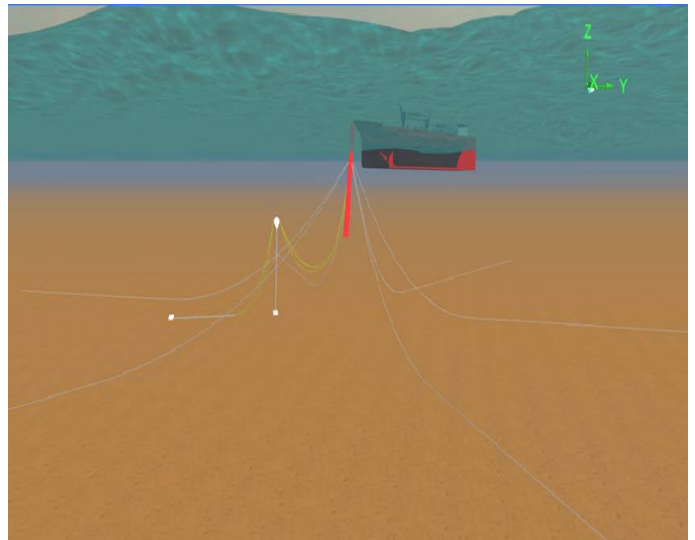
DEFINE

EXECUTE

OPERATE

The Jabiru Oil Field is located in the Timor Sea approximately 600 km west of Darwin. The Jabiru oil production facilities comprise a Floating Production Storage and Off-loading vessel (FPSO) permanently moored to a Riser Turret Mooring System (RTM) with flexible flowlines tied back to subsea wells. The Field has been in production since 1986 and the combination of declining oil production and current oil price means the Field is reaching the end of its economic life and therefore detailed plans need to be made for the decommissioning process.

Linch-pin was invited to assess the feasibility of relocating the FPSO Jabiru Venture and its associated mooring system to a new location within the Timor Sea. As part of this scope an assessment was made of the Jabiru FPSO RTM in 132m water depth to determine the likely condition of the RTM system in both connected and disconnected mode, and to analyse for these scenarios the consequences of buoyancy tank loss of integrity or single line failure of a mooring line.



The works were executed using Orcaflex software.