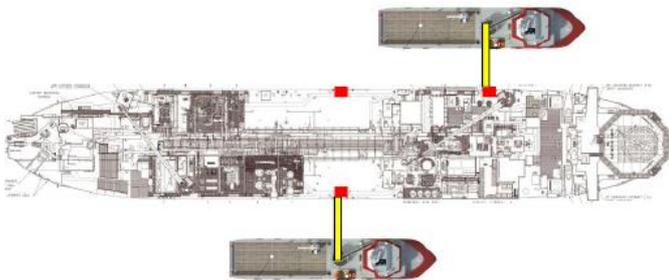


Offshore Access

Walk to Work (W2W) is being used by the offshore industries to access oil and gas platforms, FPSOs, wind turbines and similar remote structures. Accommodation is provided on the W2W vessel, typically a vessel with dynamic positioning (DP Class 2) capability, approximately 80 to 100m long with a motion compensated gangway to allow transfer from the W2W vessel to the installation.



(Access via port or starboard side of FPSO)

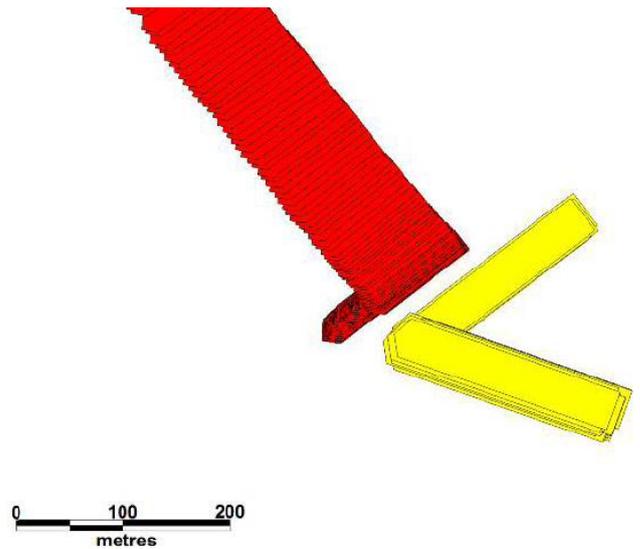
Managing Risk

Anatec have undertaken several studies of W2W operations, including the potential for ship collision risks at an FPSO in the North Sea and the inclusion of W2W operations in a FPSO Safety Case.

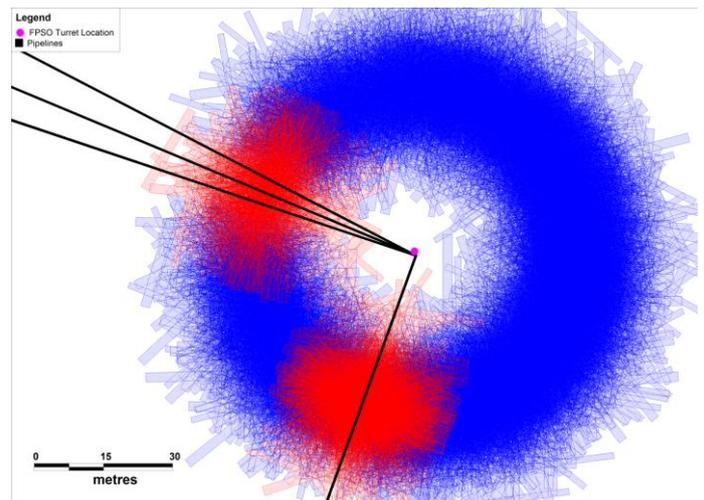
Following a HAZID, the hazards and risks to the W2W workforce during the gangway transfer were assessed, along with welfare issues on the W2W vessel itself, dropped objects (gangway falling in to the sea), man overboard, gangway impact with FPSO, ship collision, helicopter operations, and muster control, escape, evacuation and rescue.

Ship collision risks were calculated using Anatec's COLLRISK model, which is able to quantify the risk, in terms of likelihood of an accident and the consequences to personnel, the environment and business / asset.

The overall risk to the W2W worker group were calculated and compared with the other worker groups on the FPSO, risk reduction measures identified and an assessment of whether the risks had been reduced to as low as reasonably practicable (ALARP) was made.



(AIS plot showing W2W vessel approaching FPSO)



(Gangway dropped object risk onto seabed pipelines)

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