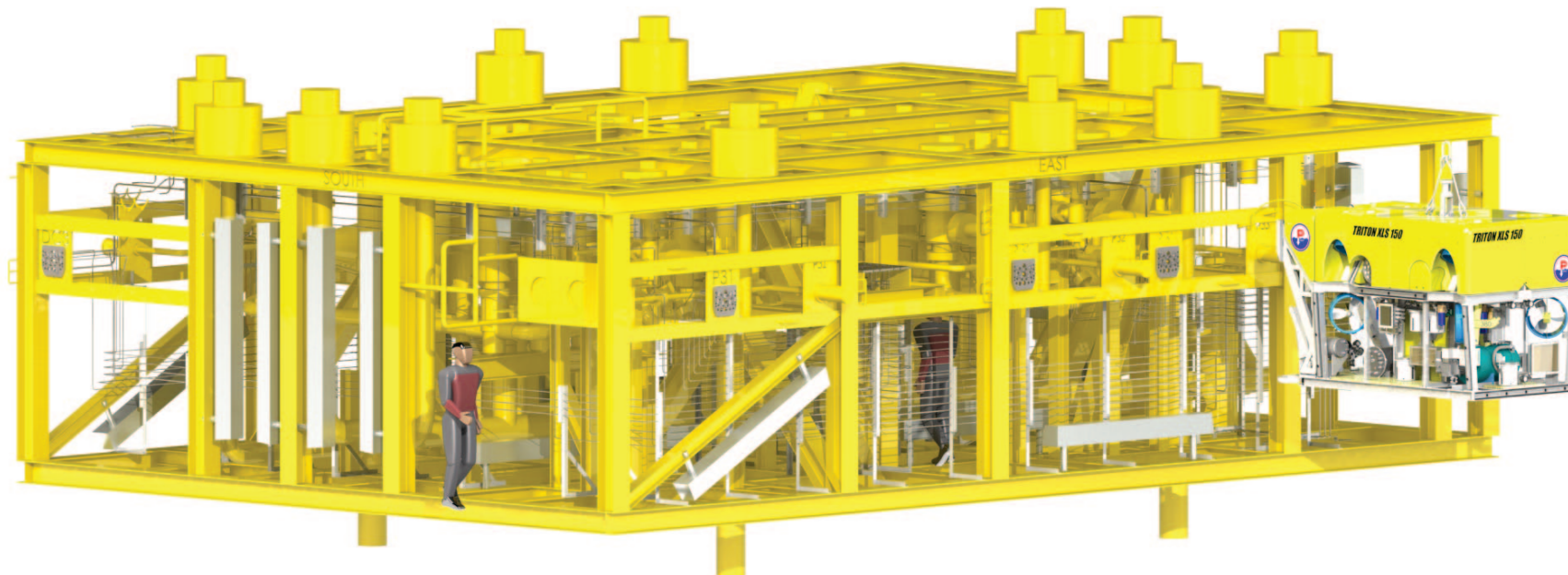
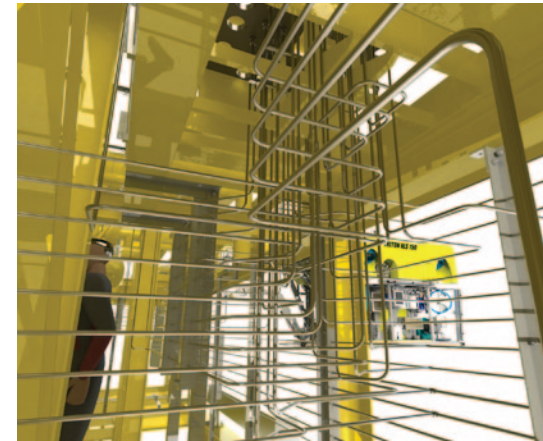
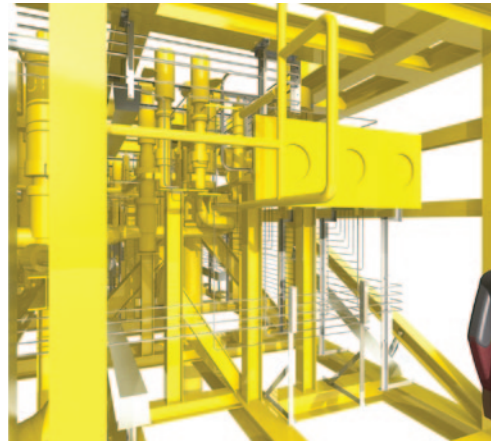


## Small Bore Tubing on Subsea Manifolds

Quadro Design was tasked by Diverse Welding Services (DWS) to compile 3D models and drawings of the small bore (3/8" to 1") instrument tubing, and associated brackets, used to actuate the numerous process valves on a number of varying size subsea manifolds being manufactured for both the Gorgon and Balnaves oil fields.

Modelling these systems BEFORE the work is carried out, allowed all parties to view, comment and sign-off on the proposed layout—rather than modifying it later for operator interference or ease of manufacture.



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