

BEng. (Hons) Naval Architecture

Member Royal Institution of Naval Architects (MRINA) (CEng)

12 Years in Offshore and Maritime Engineering

PROFILE

Jeremy Panes has been involved in the offshore engineering and Naval Architectural fields for over 12 years and has experience as a consultant for a wide range of projects including transportations, fixed and floating structures. Specialising in the stability of vessels, he has been involved in major transportation and FPSO projects as well as providing expert advice for legal investigations.

He has worked as a design engineer on a number of offshore projects in all areas of the world, including the North Sea, Indonesia and the west of Africa. He has experience on projects involving floating production systems from all phases from conceptual to detailed design.

EMPLOYMENT HISTORY

July 2007 to date	Cwaves Ltd Consultant
2005 – 2007	Noble Denton Consultants Ltd Senior Naval Architect
1999 – 2005	KBR Naval Architect
1998 – 1999	European Marine Contractors Engineer
1998	Brown & Root Energy Services Naval Architect

PROFESSIONAL EXPERIENCE

- ❖ **Legal Clients** – Providing expert advice and reports for stability of vessels, analysis of floating hoses and navigation buoys.
- ❖ **Abnormal Load Engineering, Pembroke Power station** – Study of feasibility for Marine Operations for transshipment from Pembroke Dock to power station construction dock.
- ❖ **Foster Wheeler, Pluto LNG** – Design of grillage and seafastenings for transportation of onshore modules on the “Sea Baron” heavy lift vessel.
- ❖ **ENI Blacktip Jacket Loadout** – Preparation of marine loadout manuals for jacket and topsides.
- ❖ **PDC Marine, Rubicon Intrepid & Vantage FPSOs** – Design of supporting structures. Analysis of load/offload sequences for stability booklets.



- ❖ **SeaDragon, Mooring Analysis** – Optimisation of moorings for new-build drilling rigs to maximise operational parameters.
- ❖ **Navigare International, Iolair Drydocking** – Marine warranty survey of docking the Iolair semi-sub on submersible barge in Mobile, Alabama.
- ❖ **Marathon Petroleum Company, Alvheim FPSO Stability** – Stability analysis and preparation of the stability book, survey of flooding and cross-flooding points, verification of stability model.
- ❖ **Sevan Marine, Sevan FPSOs** – Loadout and transportation of Piranema and Hummingbird FPSOs on heavy lift ships.
- ❖ **NMA, Heavy Lift Vessel Engineering** – Providing engineering for heavy lift vessels. Preparation of loadout and transportation manuals for cargos from drilling rigs to process modules.
- ❖ **Caledonia Oil, Seafastening Design** – Design of seafastenings for transportation of drilling trees.
- ❖ **European Marine Energy Centre, Cable Recovery System** – Development of recovery systems for pre-installed submarine cables.
- ❖ **Bergesen, FPSO Shuttle Tankers** – Sizing of tugs for support of shuttle tankers attending FPSO.
- ❖ **MW Kellogg, LNG Terminal** – concept study for a floating LNG receiving and regassification terminal.
- ❖ **BP, Block 18 Greater Plutonio FPSO** – Deriving design information relating to stability, motions and fatigue.
- ❖ **ACG, Azeri Project** – Jacket and topsides installation, launching and transportation analyses.
- ❖ **Conoco, Belanak FPSO** – Lead of Naval Architectural team for FPSO detailed design.
- ❖ **Kerr-McGee, Leadon FPSO** – Vessel motions and global strength, stability book, inclining test.
- ❖ **Shell, EA FPSO** – Analysis of topsides fatigue due to hull deflections and vessel accelerations.
- ❖ **EMC, Castoro 10 and SEMAC I** – Engineer with vessels during drydock & maintenance periods.