

Pierre Beynet

Applied Mechanics

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Competencies, Experience and Knowledge

- Deep understanding of the fundamental technical principles that make physical systems work. Use that expertise to make new systems work efficiently and debug them.
- Wide experience and know how in deepwater technology from 45 years of working on the leading edge of deepwater projects. Experience from the drill bit to the end of the pipe line.
- Expert in risers, stress joints, flexjoints, flexibles, moorings, DP, floaters, model tests, computer models.
- Develops practical solutions to difficult technical problems. Innovative.
- Works well in groups.

Education:

1966: Aeronautical Engineer Ecole Centrale de Mechaniques de Nantes (equivalent to a Master)

1967 Master in Applied mechanics University of Minnesota

1970 PhD in Applied Mechanics and Applied Mathematics University of Minnesota

Career:

1969-1970 Assistant Professor of Applied Mechanics University of Sherbrooke, Canada.

1970-2015 Amoco BP Floating Systems Advisor

2015- 2016 Riser Specialist Cameia FPSO Project, Cobalt International.

Developed systems and components for “deepwater” offshore from 300 ft to 10,000 ft.

Participated in numerous offshore projects as a technology developer, assessor. Participated in fabrication installation and maintenance (Montrose tanker offloading, Hutton TLP, Cadlao second FPSO, Yombo FPSO , Bon Bateau, Liuhua ...Marlin TLP, Horn Mountain Spar, Holstein, Mad Dog, Atlantis, Thunder Horse, Skarv, Quad 2004...),.

Wrote first time domain finite element riser and TLP model computer programs.

Designed the first group mooring system for the Yombo FPSO when the classical spread mooring failed during the wave tank model tests.

Part of the crisis center teams for the Thunder Horse listing and Macondo.

Mentored young engineers by sharing knowledge and the joy of learning and doing the right job.

Patents and publications in risers, floating systems and drilling technology. For more detail see <https://patents.google.com/patent/WO2015077408A3/en?inventor=pierre+beynet&patents=false&oq=pierre+beynet>