

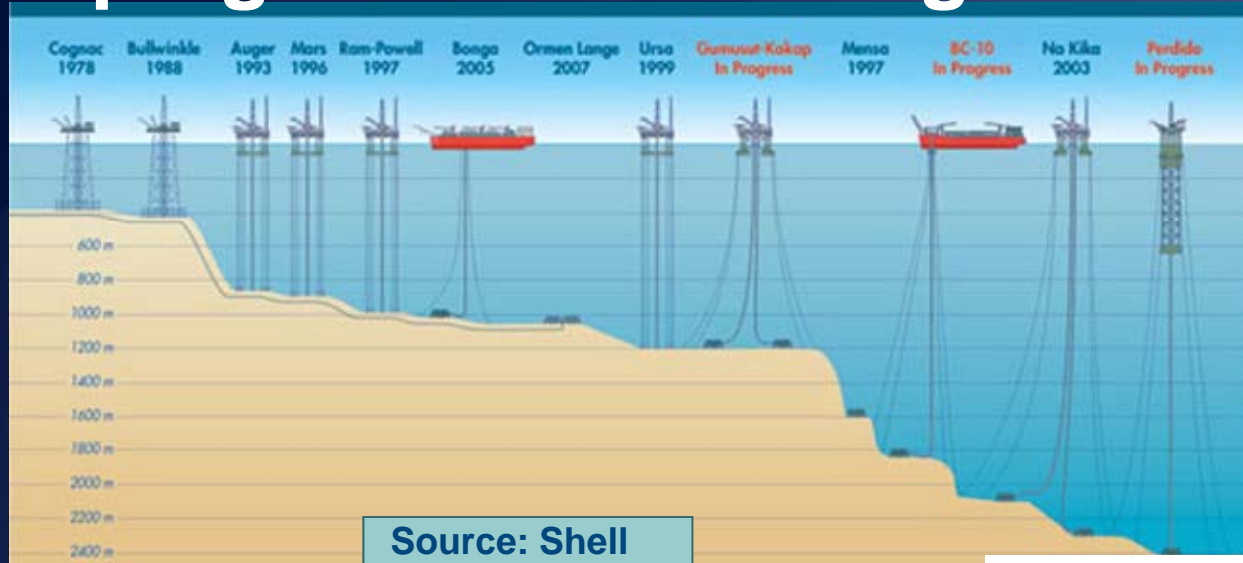
# Platform Moorings

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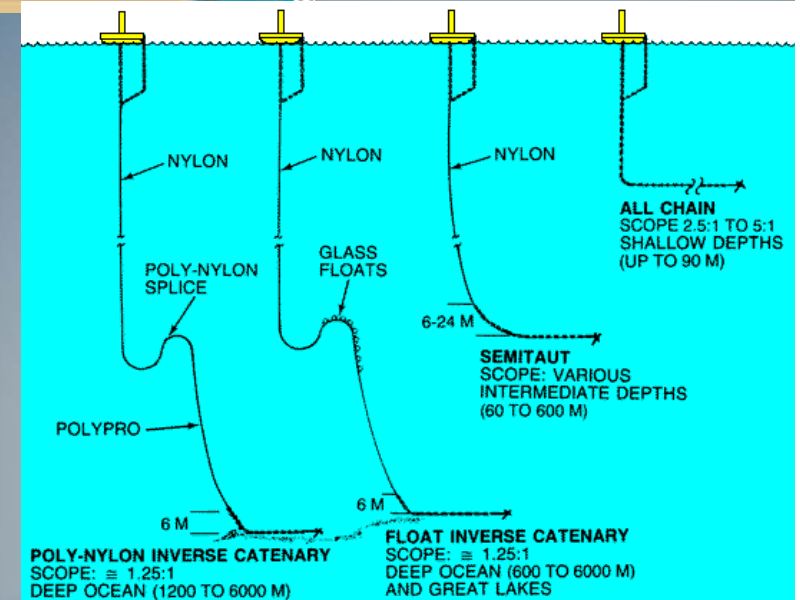


# Moorings: Passive Mechanical Station Keeping and Motion Mitigation Systems



## Major Components:

- Load handling equipment and terminators
- Mooring lines (ropes, chains, and equipment)
- Anchors



# Designs are Site Specific and Mission Driven

## A Few Design Considerations

- Site and Metocean Characteristics
- Design and Analysis Tools
- Performance, Dynamics and Stability
- Line Weight, Strength, Fatigue, Creep, Torque, Bend, Vibration, Fouling, Availability, Cost, Durability/Longevity
- Line Load Handling, Tensioning, and Termination
- Deployment, Inspection, Maintenance and recovery
- Available and Capability of Deployment Assets
- Safety, Standards and Best Practices
- And of Course ... Permitting, Rules and Regulations

# One Last Consideration

The components are big, really really really big!



They want us to recover what????

