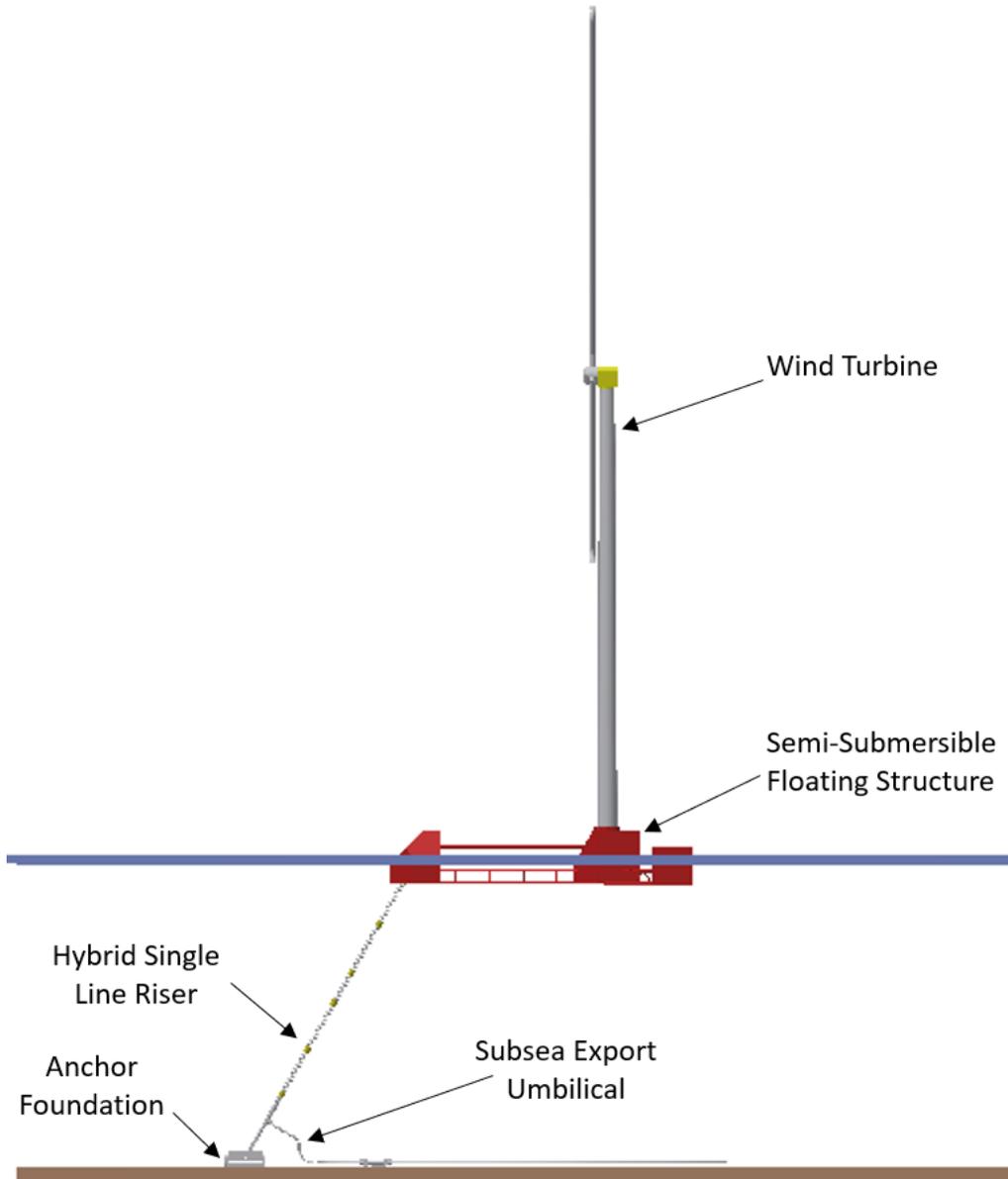




SCOTSTREAM



Hybrid Single Line Mooring

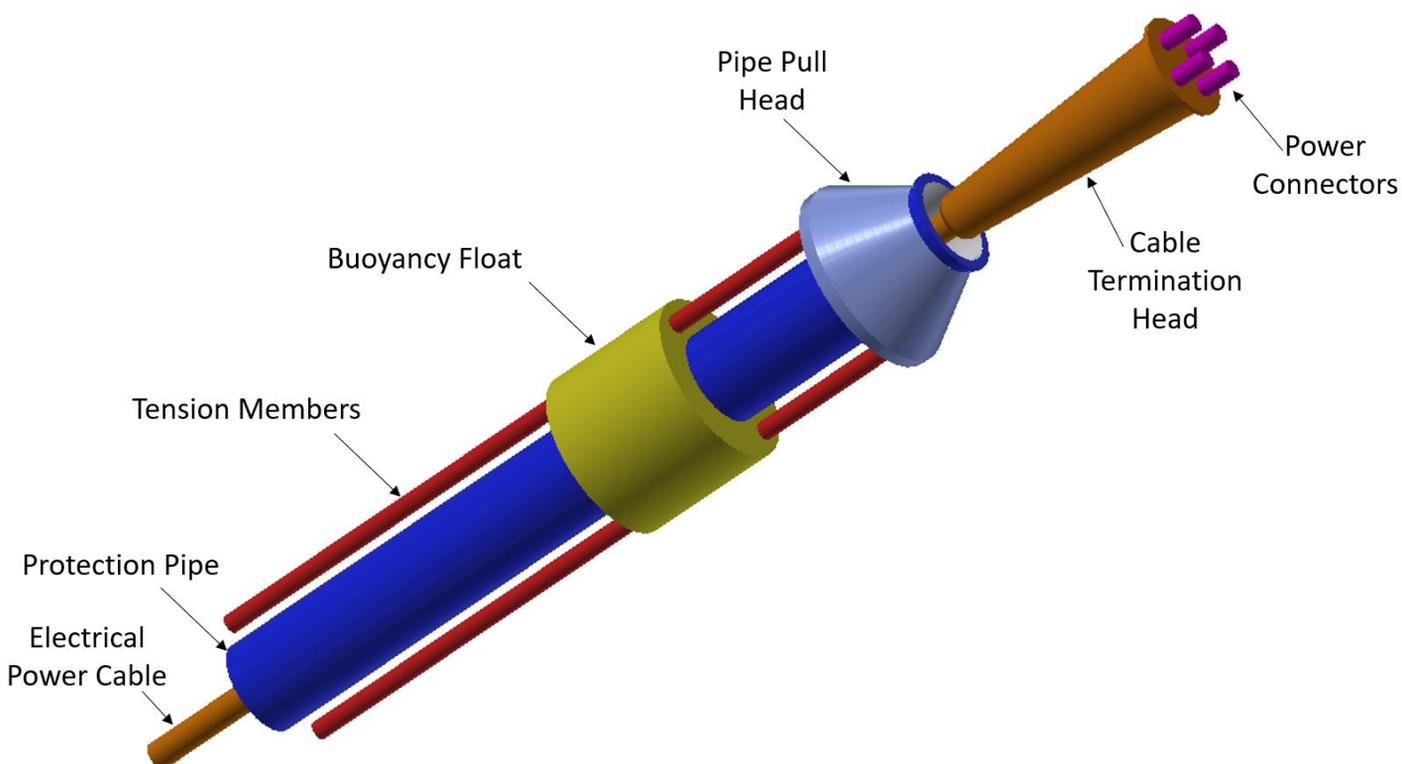


The mooring system and the dynamic umbilical are combined into a single hybrid catenary riser assembly. This removes the requirement to have multiple mooring lines and a separately installed dynamic umbilical.

The system will reduce costs, installation times and will provide enhanced protection for the umbilical.



The dynamic power transmission umbilical cable is housed within a steel riser pipe for protection. The pipe is filled with corrosion protection fluid to further protect the cable.



The mooring loads will be supported by a number of tension chains or wires, positioned around the riser pipe. Buoyancy modules will support the riser catenary during operation.

The hybrid mooring line can be used for a range of offshore applications;

- Floating Wind
- Tidal Stream Energy
- Wave Energy
- Floating Solar Energy
- Offshore Aquaculture

