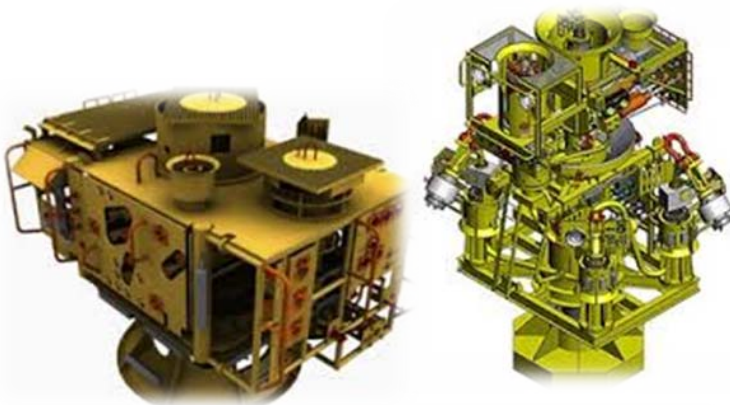




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# Introduction to Subsea XT Tree



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# Outline | Expectations



- Introduction to Subsea Xmas Tree

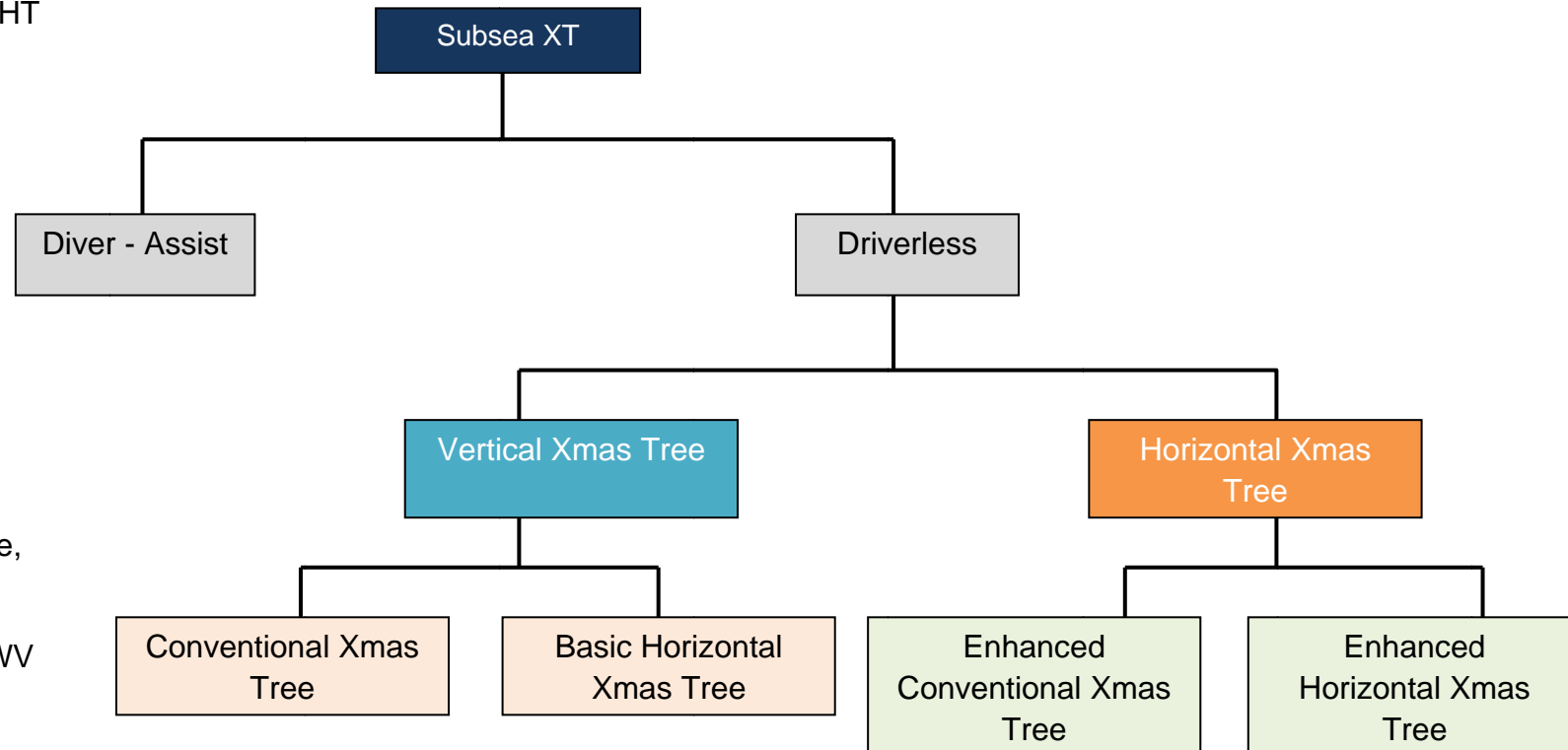




# Subsea Xmas Tree

## Difference between VT and HT

- Configuration,
- Size ,
- Weight.



## Minimum valve on Subsea XT

- Production wing valve, PWV
- Production master valve, PMV
- Annulus wing valve, AWV
- Crossover valve , XOV
- Methanol Injection valve, MIV (optional)
- Chemical Injection Valve, CIV

Pressure ratings of subsea Xmas trees are 5000, 10,000 and 15,000psi - API 17D.