

WHAT TO DO WITH AN MRU

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UNOLS East Coast Winch Pool

MRU

2



Mount it to a winch

3



Woods Hole Oceanographic Institution

November 20, 2013

Mount it to a ship

4



Woods Hole Oceanographic Institution

November 20, 2013

Active Heave Compensation

5



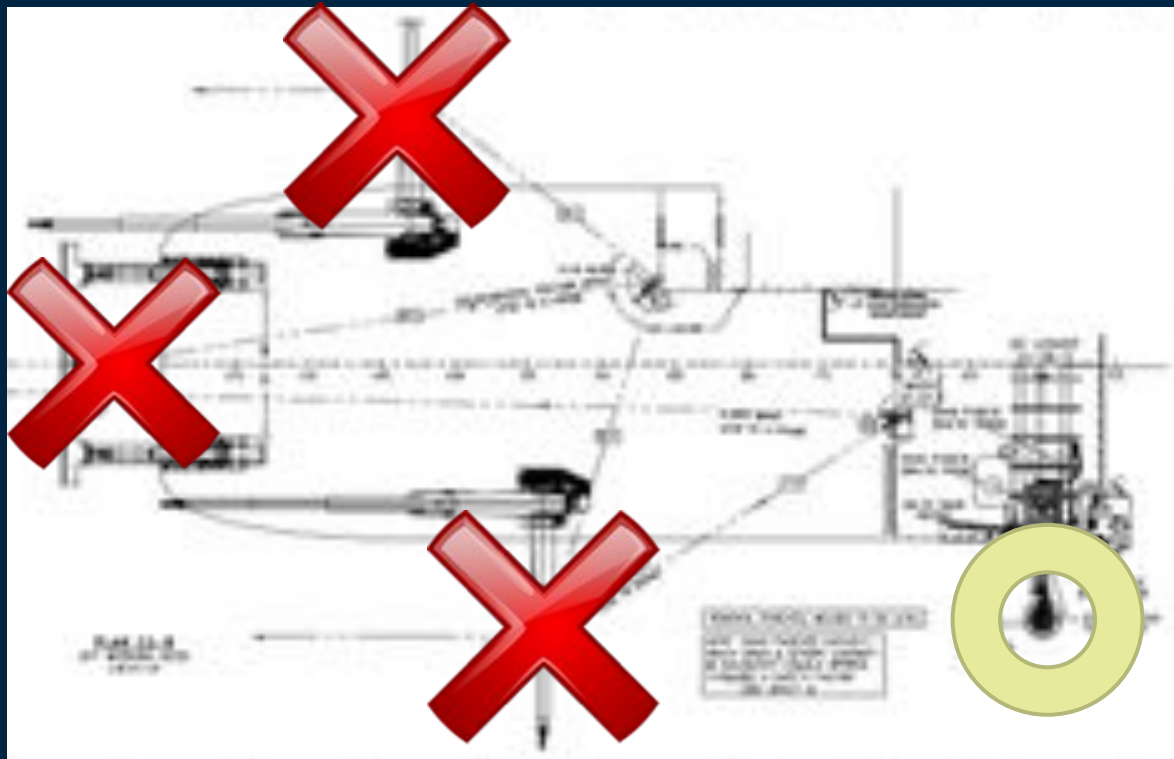
Limitations

6

Only one overboarding point

Limitations

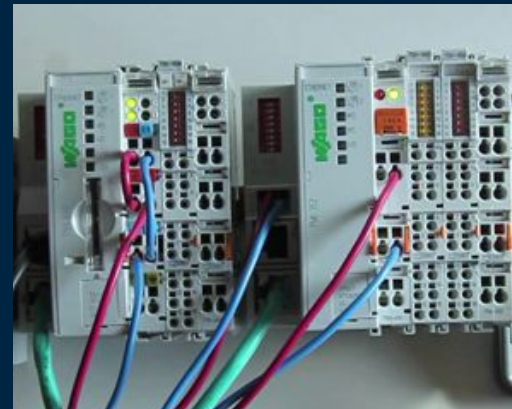
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What to do?

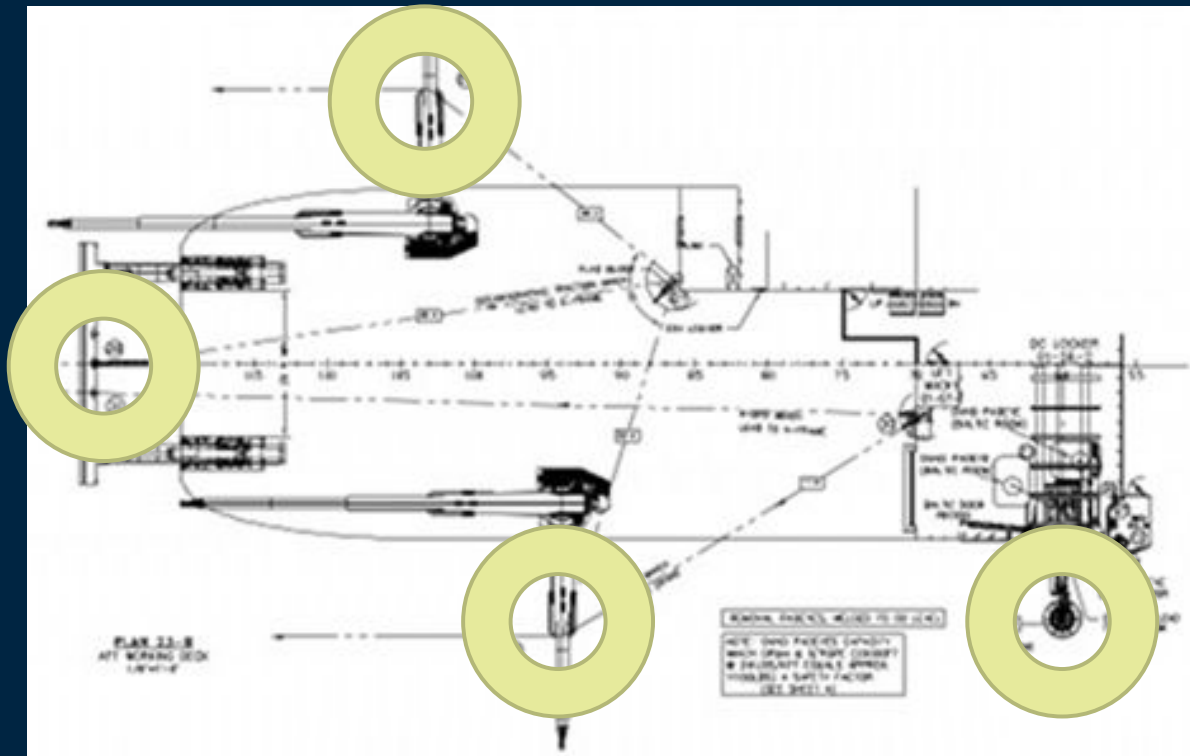
8

- Add external processing
- Quaternion Math for rotations
- Analogue output for each overboarding point
- PLC or Raspberry PI with dedicated communication lines



The Possibilities

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Issues

10

Latency



Discussion