CTD Track
System Features

- Low profile
- Built in tie downs
- Protected motor
Profile Rail

Round Rail
Controller

- Controls
- VFD
- Local Controls
- Pendant Controls
Improvements

- Festoon wire management
- Spare pendant
- Spare motor and gearbox
Transducer Elevator
Location and Constraints

23.4556
21.00
20.00
19.50

SEACHEST (EXIST)

REMOVE AND SAVE BOTTOM PLATE AND HARDWARE

HULL PLATE (EXIST)

7.80
37.67
Concept and Designs

Bellow sits directly above valve

Duct chain drive
Motion on deck for breaching

Top of valve to the overhead beam is 158"

Hull is 37.7" from the top of the valve
Pump Control Box
Software
Mechanical Engineers Shouldn’t Write Software

Combine and Parse
Winch Data
All in One – Cross Platform
All written in C#
Should end up being cross platform
Wire Cutter
Guidance

- New guidelines coming out soon
- Recommended Pin updates
  - Solid (Full Strength)
  - 0.266 (1/2 Strength)
  - 21/64 (1/4 Strength)
- Maintenance
- New Source
Weak Link

- Same pins as the wire cutter
- 2,000 Lbf to 27,000 Lbf
- Is there interest?
Questions

Where I avoid actually answering questions