

Lets get physical

real-world LNG bunkering and opportunities

LNG.Agentur Niedersachsen, 1st September 2020

Capt Philip H Bacon BSc MBA FICS

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Roadmap for the next 19 minutes:

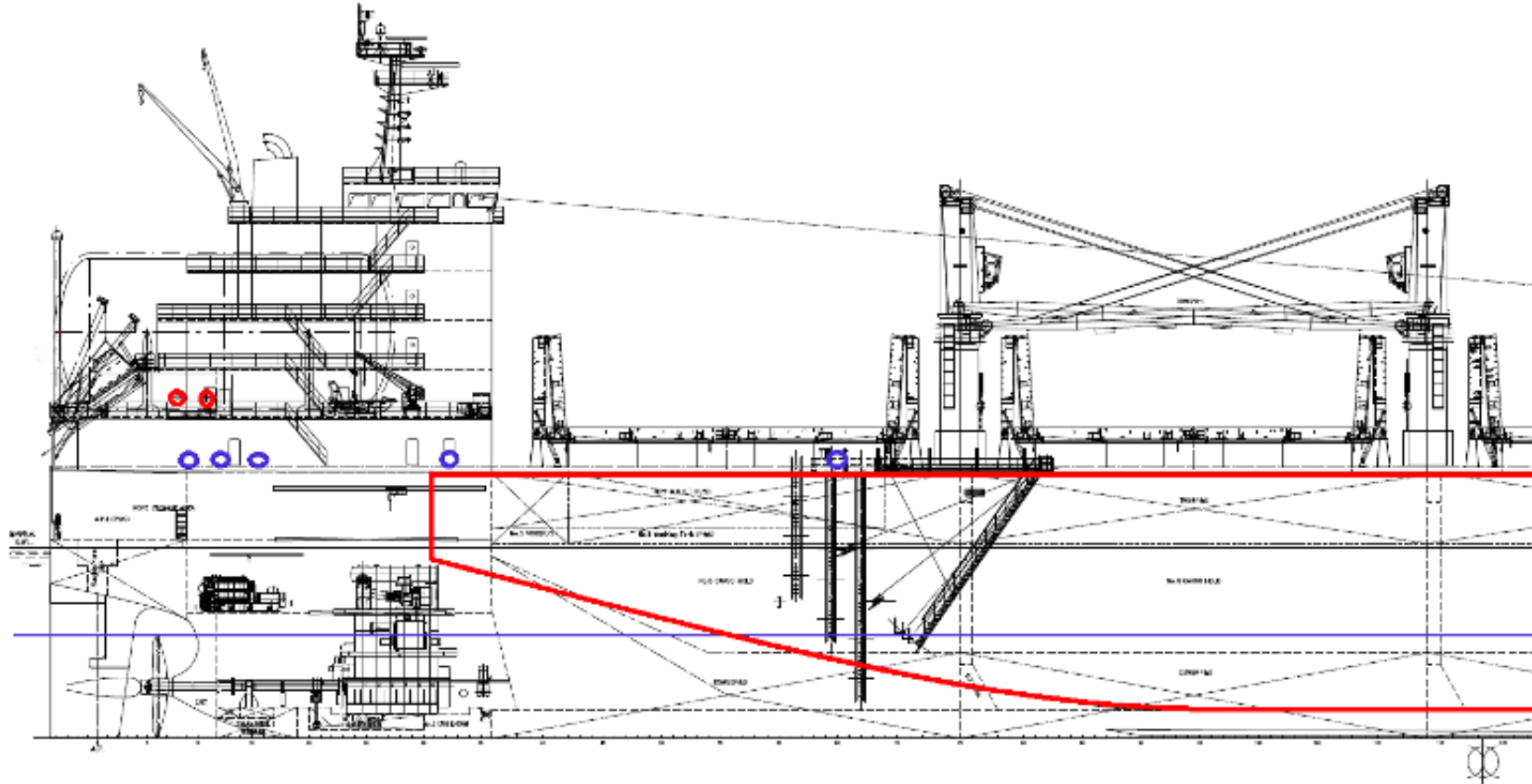
- Theme: the issues are not at the “Rocket Science” end of the spectrum
 - Physical reach (and mooring)
 - Connections
 - For the liquid
 - For the signals
 - For the VSD
 - Gas and pressure management
- Opportunities
 - Vessel and bunker station design
 - Standards
 - Software

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not “Rocket Science” issues

- Physical reach (and mooring)

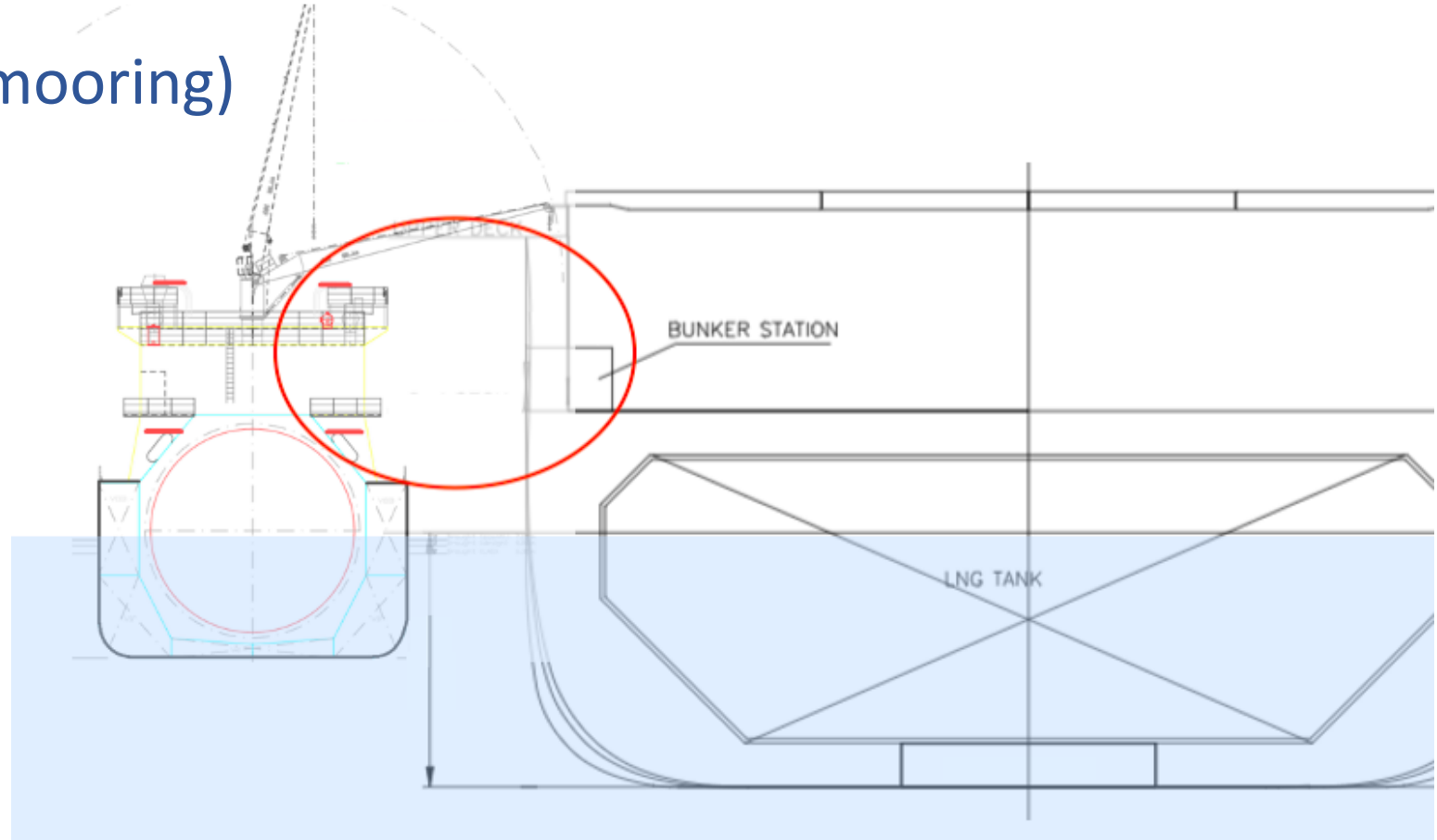


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not “Rocket Science” issues

- Physical reach (and mooring)

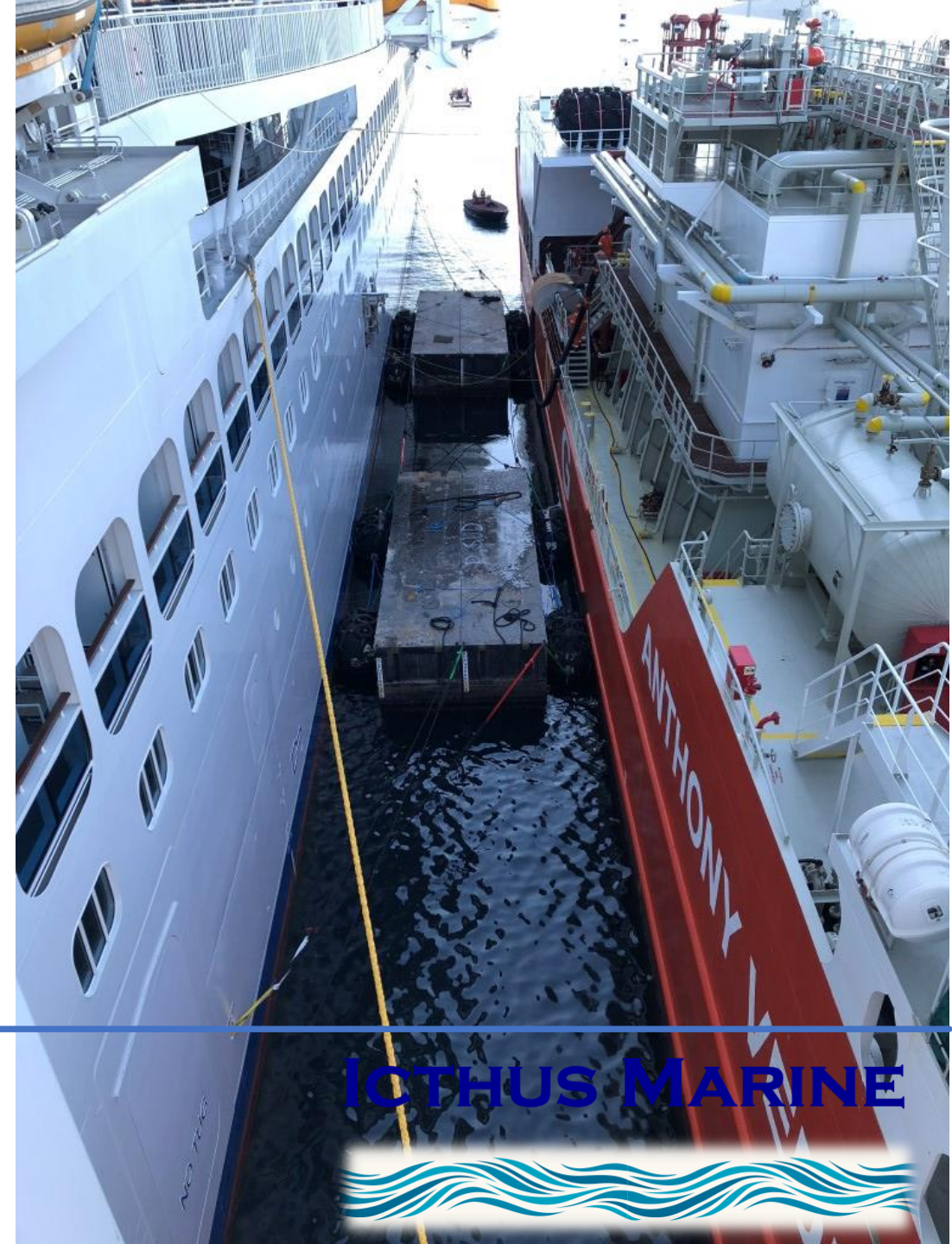


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not “Rocket Science” issues

- Physical reach (and mooring)

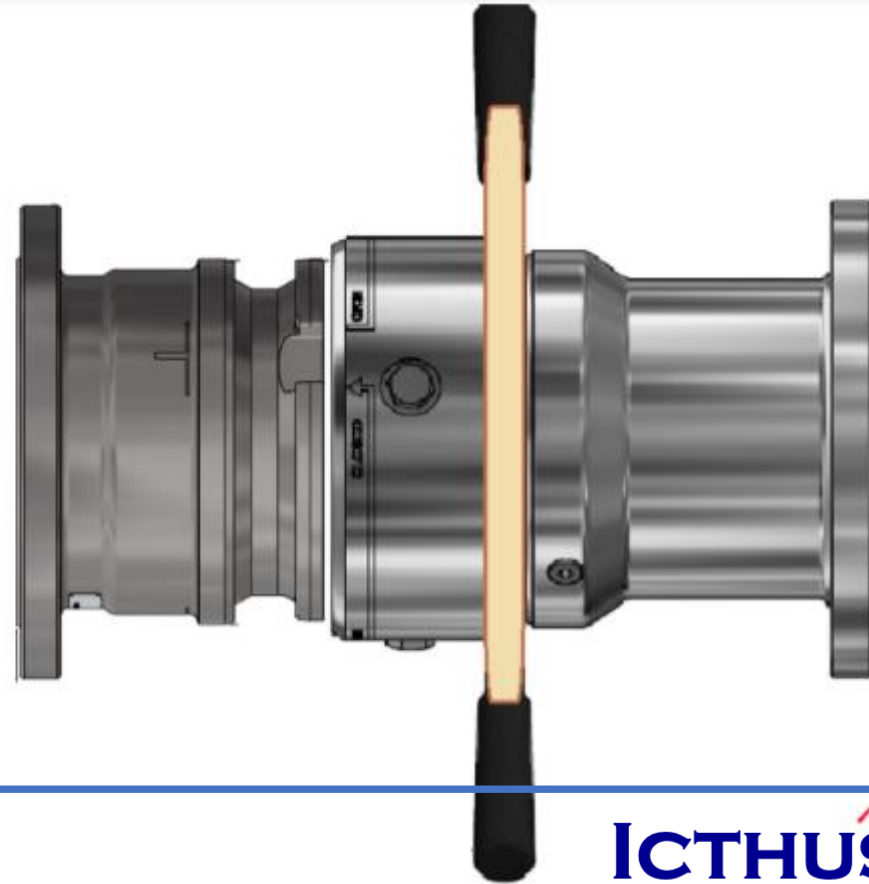


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not “Rocket Science” issues

- Connections
 - For the liquid
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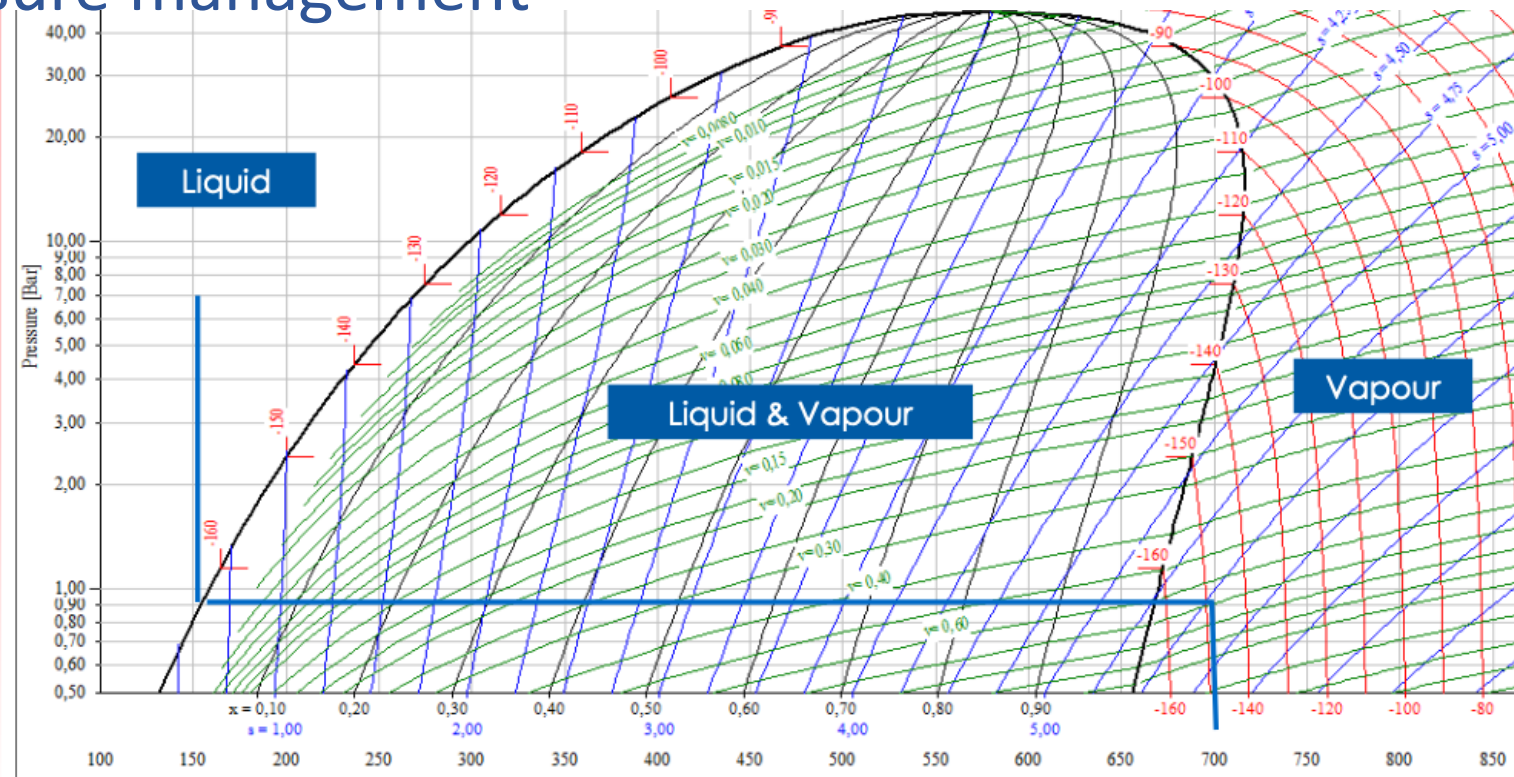


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not “Rocket Science” issues

- Gas and pressure management



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Opportunities

- Vessel and bunker station design



Opportunities

- Standards



Opportunities

- Software



What we saw in the last 20 minutes:

- The issues are not “Rocket Science”
- Opportunities
 - Vessel and bunker station design
 - Standards
 - Software



Thank you for joining today!

Lets get physical:
real-world LNG bunkering and opportunities

LNG.Agentur Niedersachsen, 2nd September 2020

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