

TRIAL PURPOSE.

EXPLORE PRACTICAL CHARACTERISTICS

EVALUATE PREVIOUS STUDY'S FINDINGS

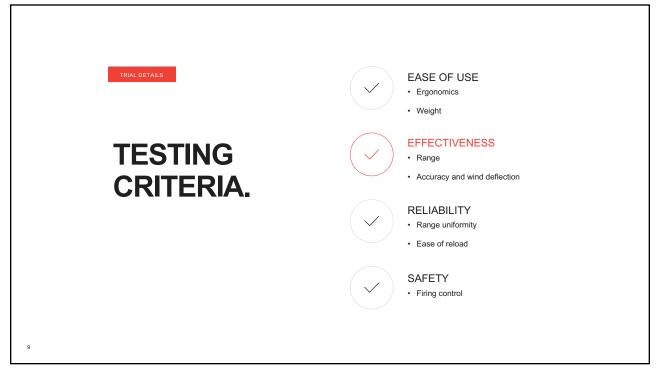
TEST DEVICES UNDER REALWORLD CONDITIONS

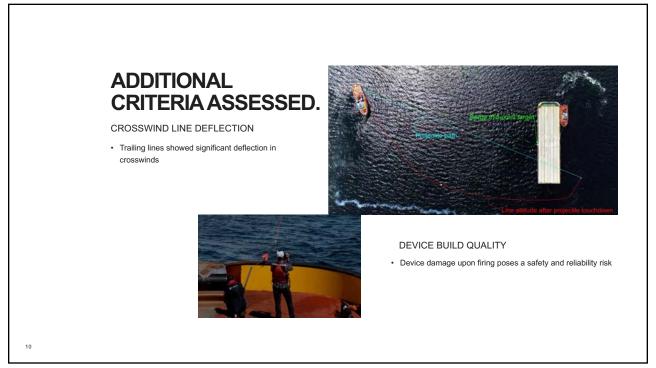
IDENTIFY DIFFERENCES BETWEEN SPECIFICATIONS AND REAL USE

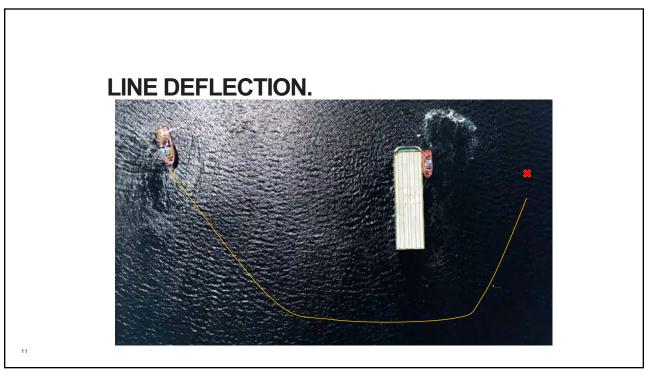
GLOSTOETT





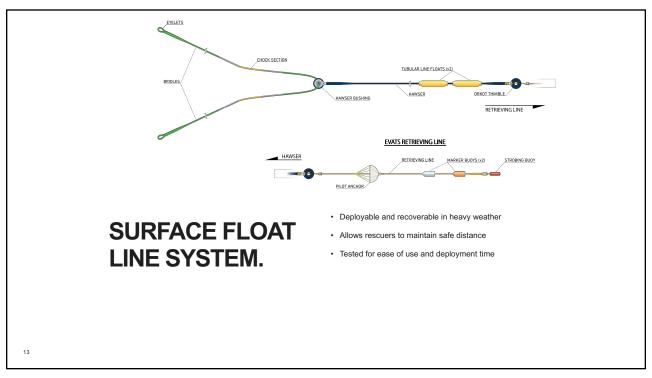


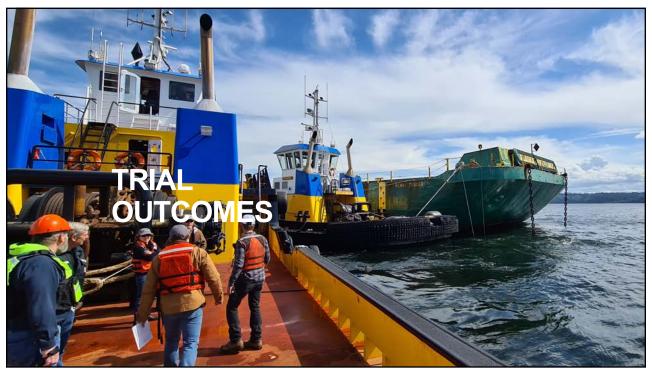




DEVICE BUILD QUALITY.

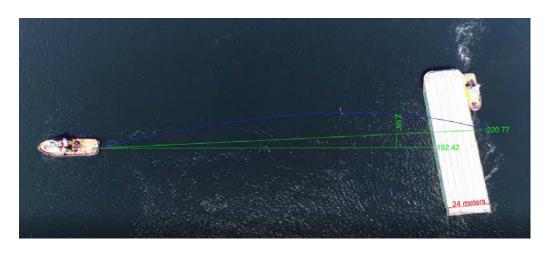






ANALYSIS.

- Aerial footage was analyzed for each shot
- Distances, angles and line attitude were calculated and recorded



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DEVICE SCORING.

- Device Overall Score

 Restech PLT-Multi 97

 Restech PLT-SOLAS 97

 Ikaros Line Thrower 96

 Bumerang BLT-250 90
- Restech devices met and exceeded all requirements
- Despite similar design, the BLT-250 fell short due to build quality

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OUTCOMES

ratings



DEVICE FUNDAMENTALS

- Ergonomics
- Weight
- · Ease of reload
- Firing control



All devices fell within 90-100 range
 Differences came from range and accuracy



RANGE

- Pyrotechnic devices had a distinct range advantage
- Pneumatics generally met test requirements



ACCURACY

- Pyrotechnics proved hardest to aim and were susceptible to deflection
- Pneumatics were precise and only had moderate wind deflection

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FLOAT LINE RESULTS.

- Deployed and streamed out directly away from the disabled vessel as designed
- Buoys and line were clearly visible and recoverable on the surface



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PNEUMATIC DEVICES.

- · Highly accurate, easy to use
- Passive projectile is ideal for tanker operations



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RECOMMENDATIONS

PYROTECHNIC DEVICES.

- · Exceptional range capability
- Most difficult to aim with accuracy
- Incendiary projectile poses safety risk



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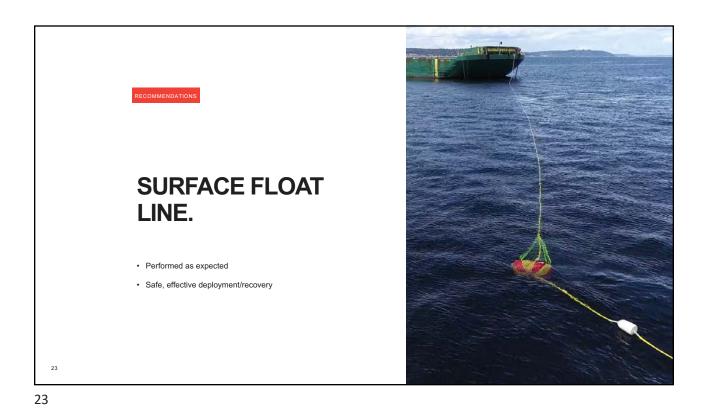
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RECOMMENDATIONS

PYROTECHNIC DEPLOYMENT.



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FLOAT LINES **PNEUMATICS** Well suited for use in high wind Safe and effective way to make **MAJOR** and seas **TAKEAWAYS** · Identified devices are competitive **PYROTECHNICS BUILD QUALITY** · Best technology is situationally dependent High range and velocity with Selection of well-made device is increased safety risk important to efficient use

