

WLNG FST Engineering Completion

WLNG FST Extreme Weather Analysis

Jackets

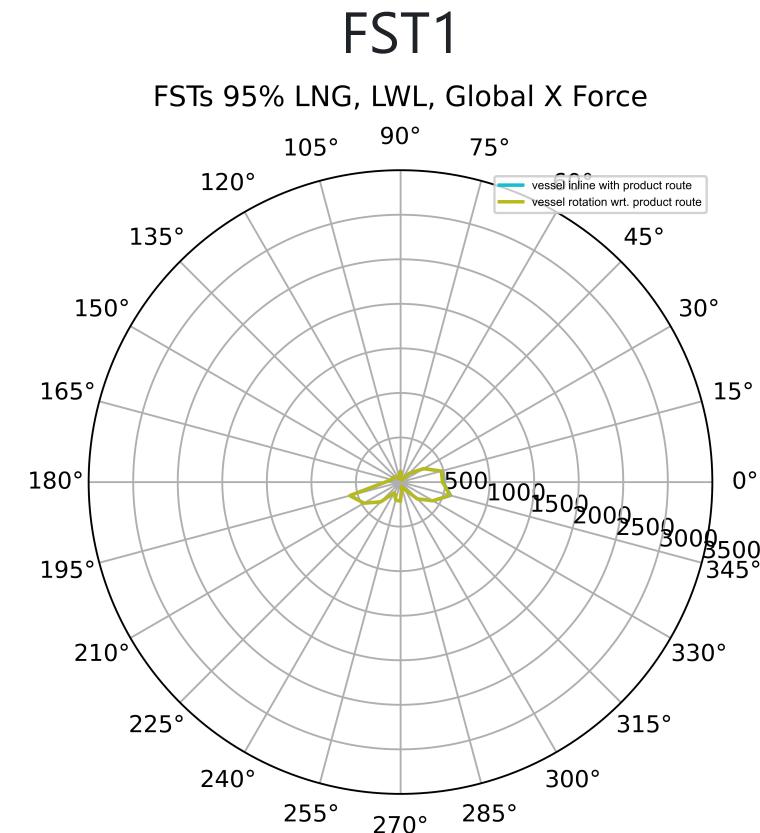
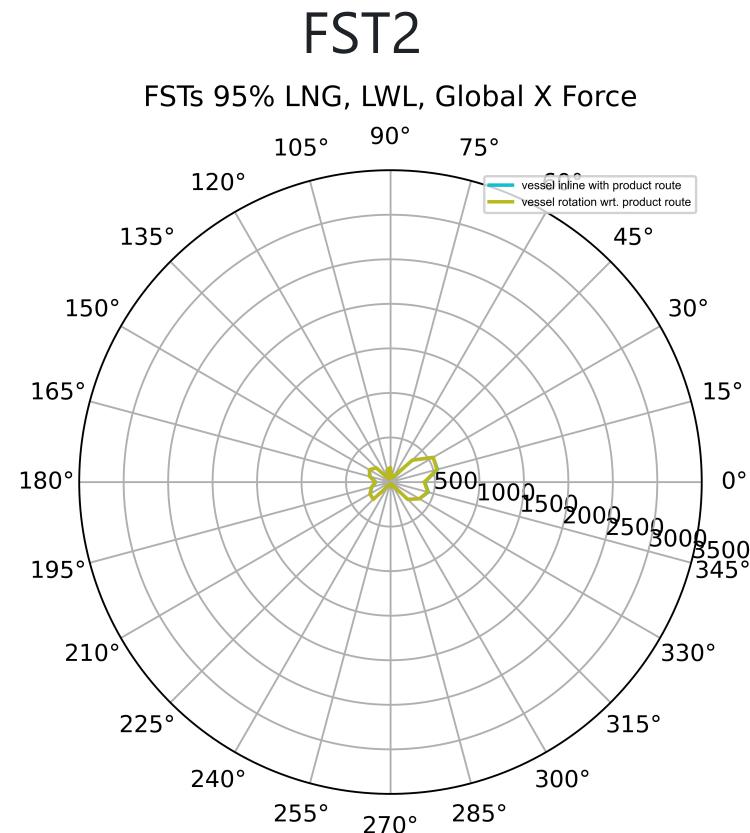
Vamsee Achanta

2025-02-01

Jacket Loads, Static

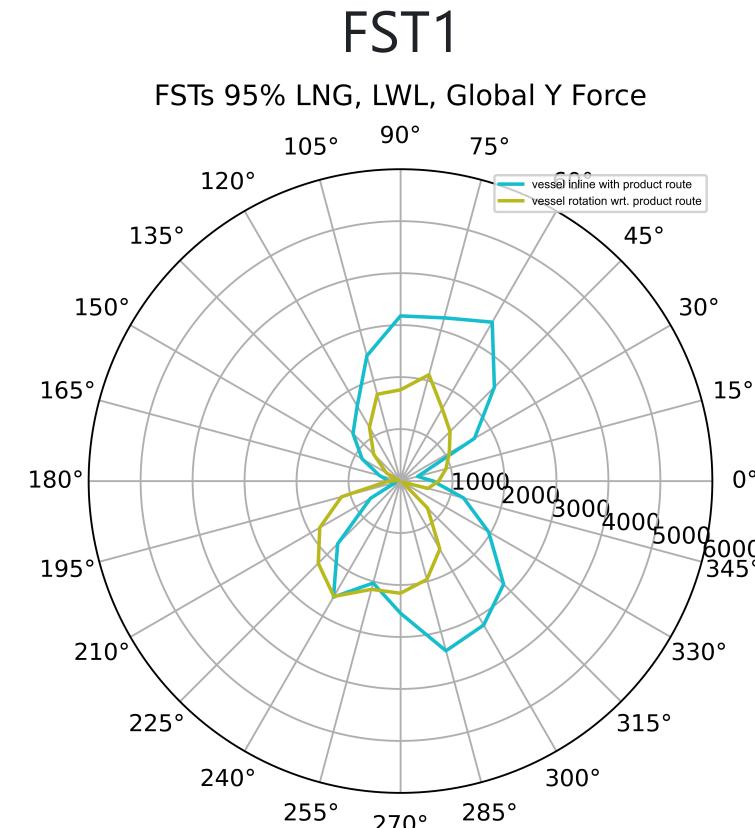
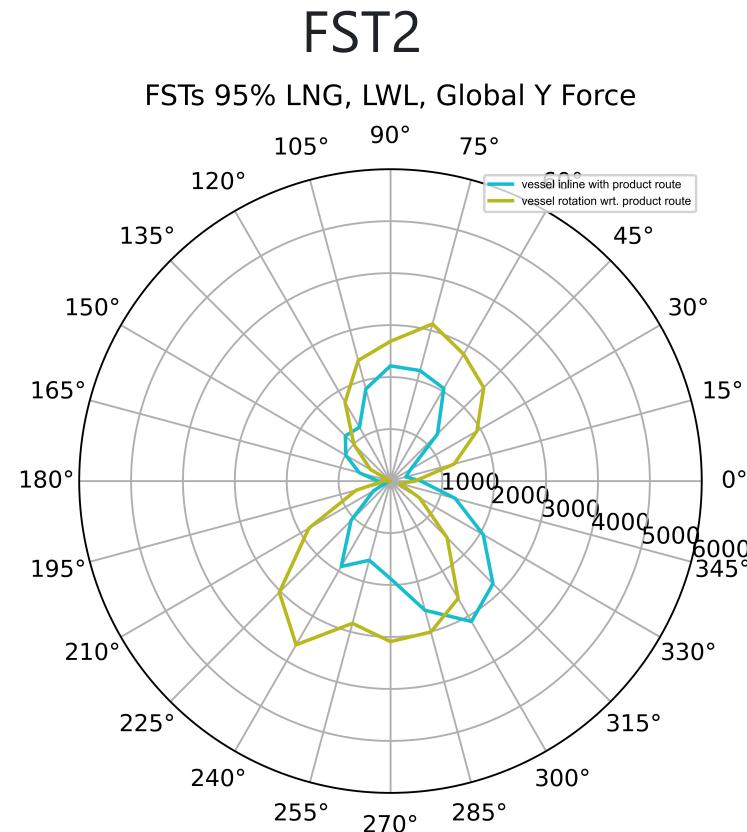
Max Jacket Loads, FSTs 95% LNG, 100yr, LWL, Fx

- Two (2) struts contribute to each jacket global force



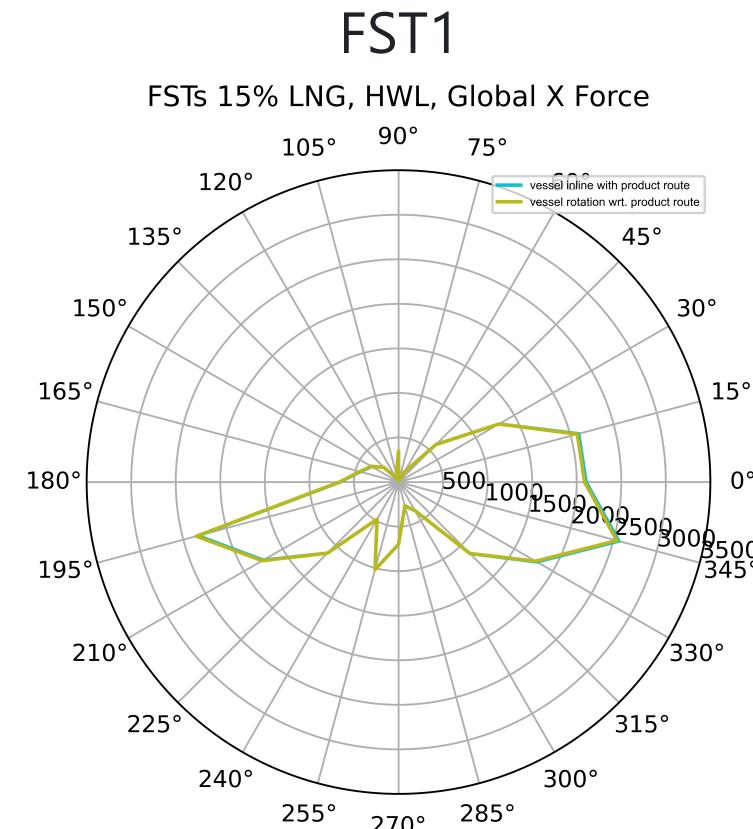
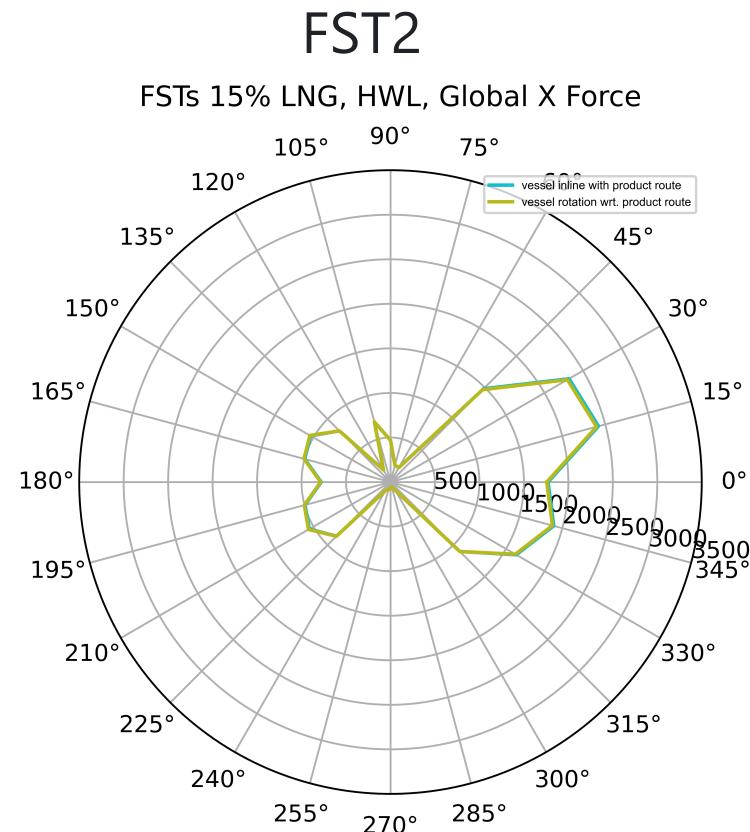
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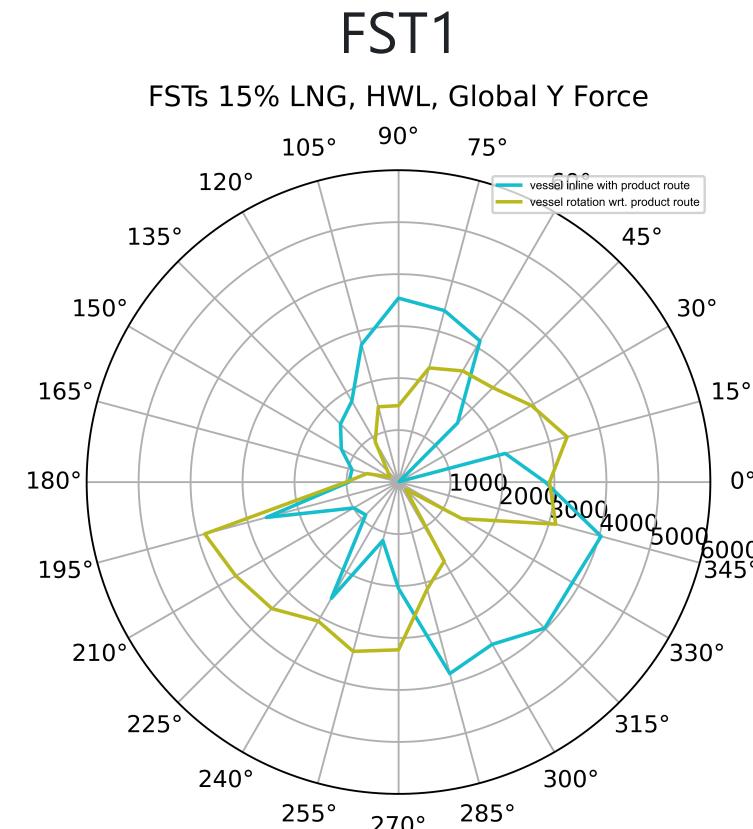
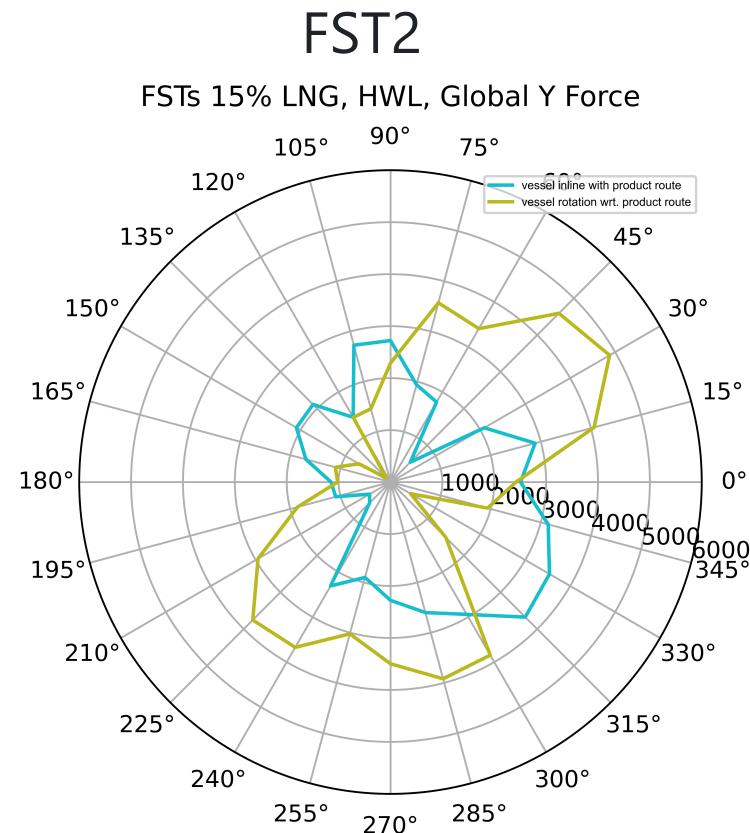
Max Jacket Loads, FSTs 95% LNG, 100yr, HWL, Fx

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Max Jacket Loads, FSTs 95% LNG, 100yr, HWL, Fy

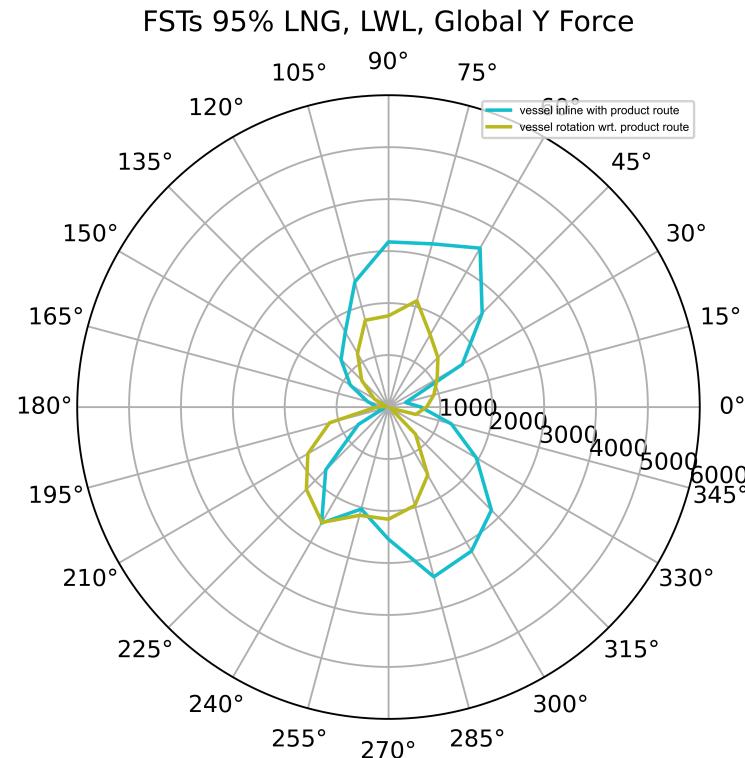
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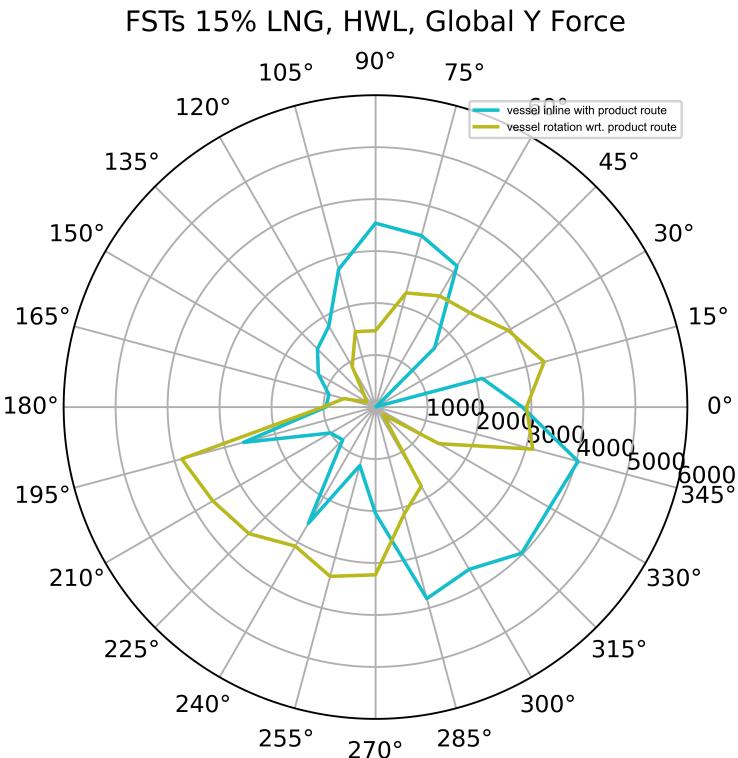
Max Jacket Loads, FST1, Fy

- Two (2) struts contribute to each jacket global force

FSTs 95% LNG, 100yr, LWL



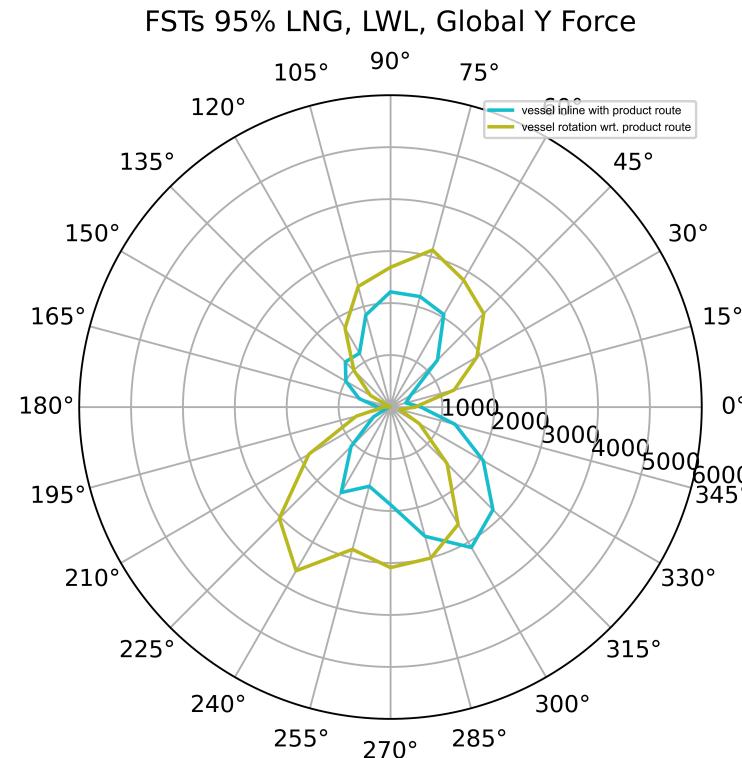
FSTs 15% LNG, 100yr, HWL



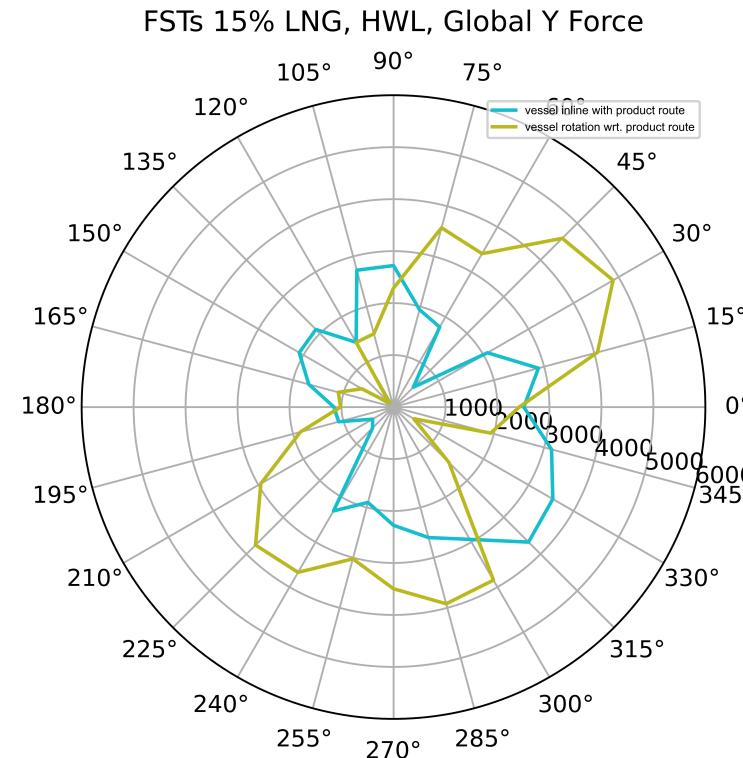
Max Jacket Loads, FST2, Fy

- Two (2) struts contribute to each jacket global force

FSTs 95% LNG, 100yr, LWL



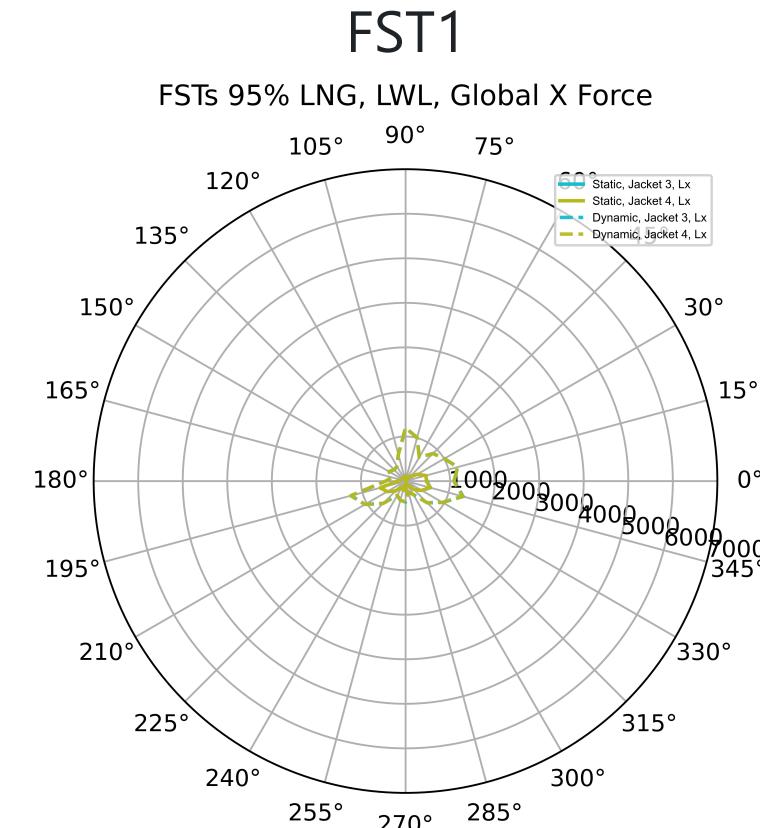
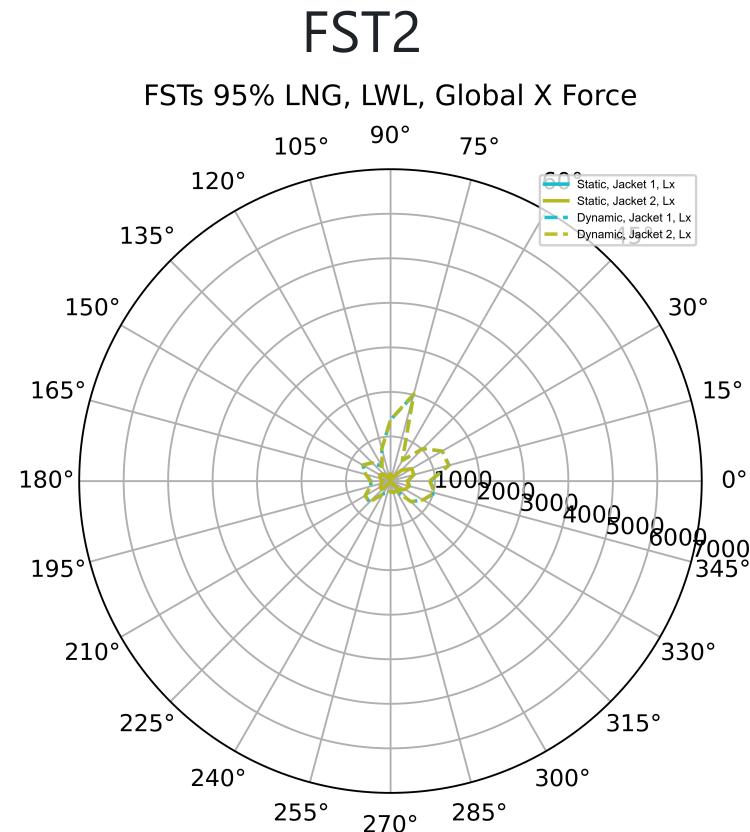
FSTs 15% LNG, 100yr, HWL



Jacket Loads, Dynamic

Max Jacket Loads, FSTs 95% LNG, 100yr, LWL, Fx

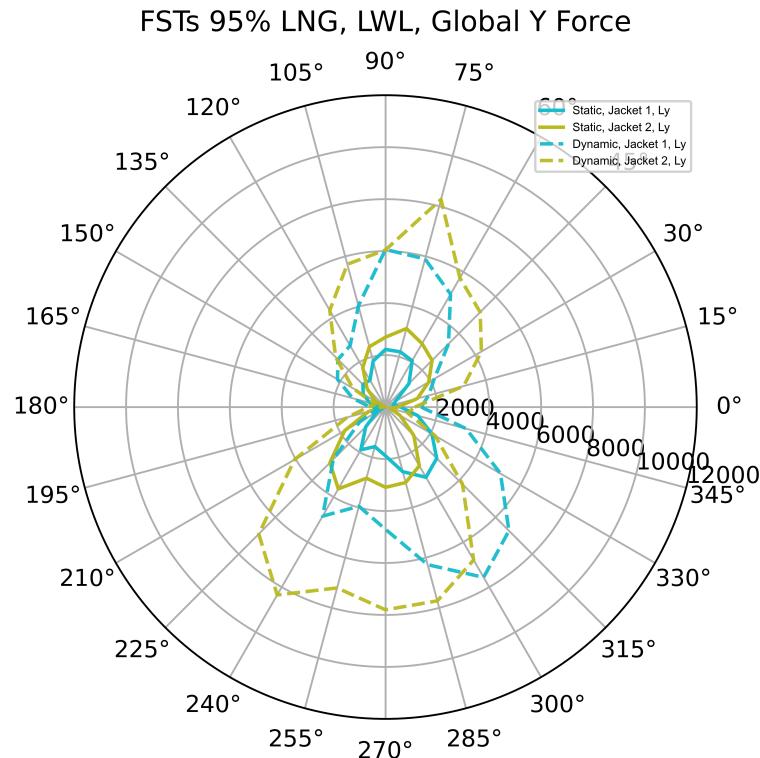
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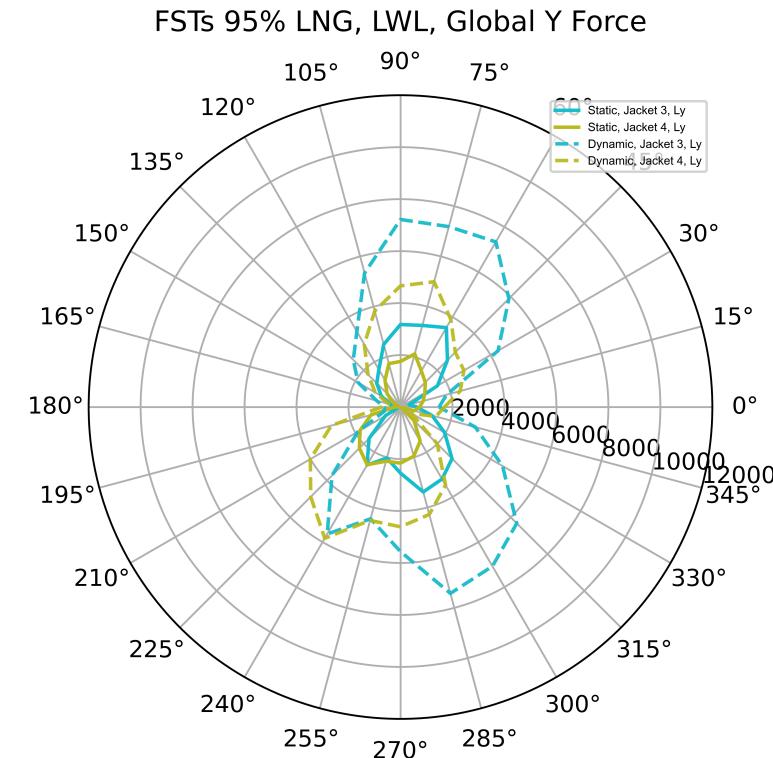
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FST2



FST1

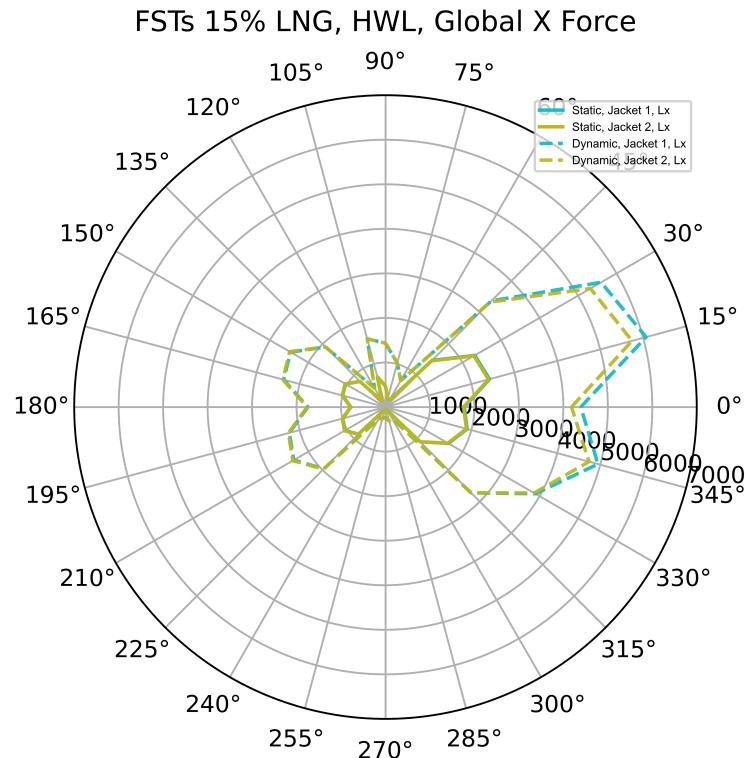


- TBA

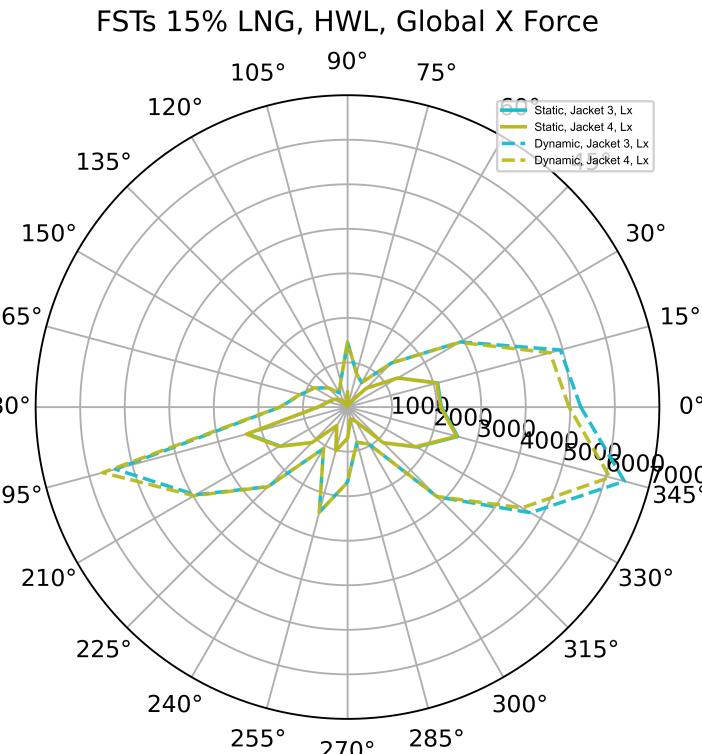
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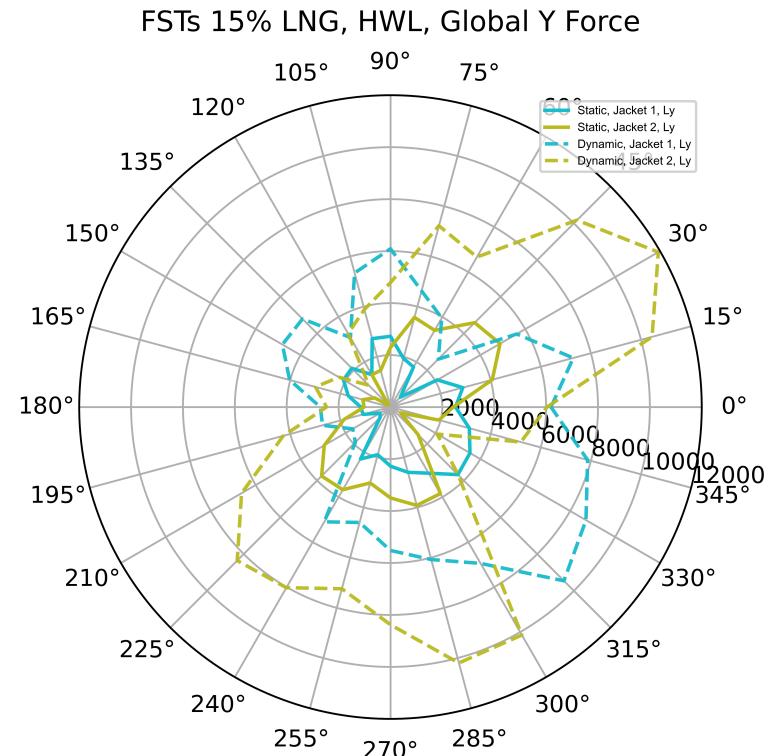


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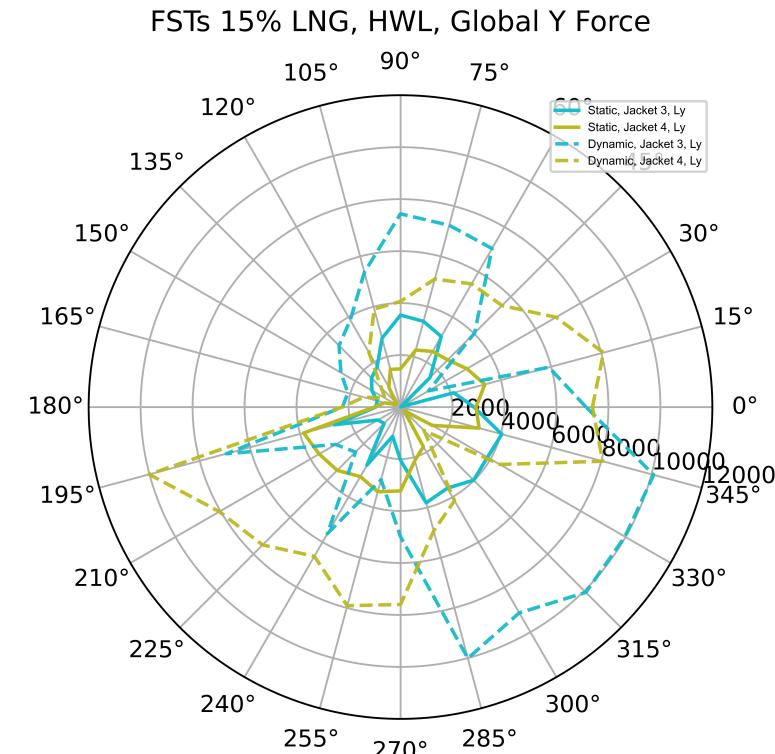
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FSTs 15% LNG, 100yr, HWL

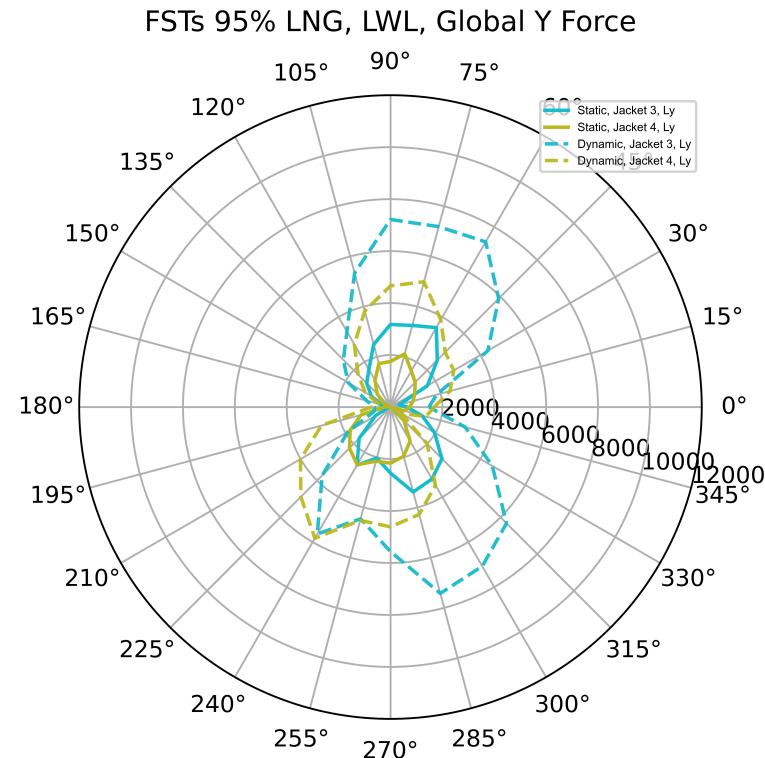


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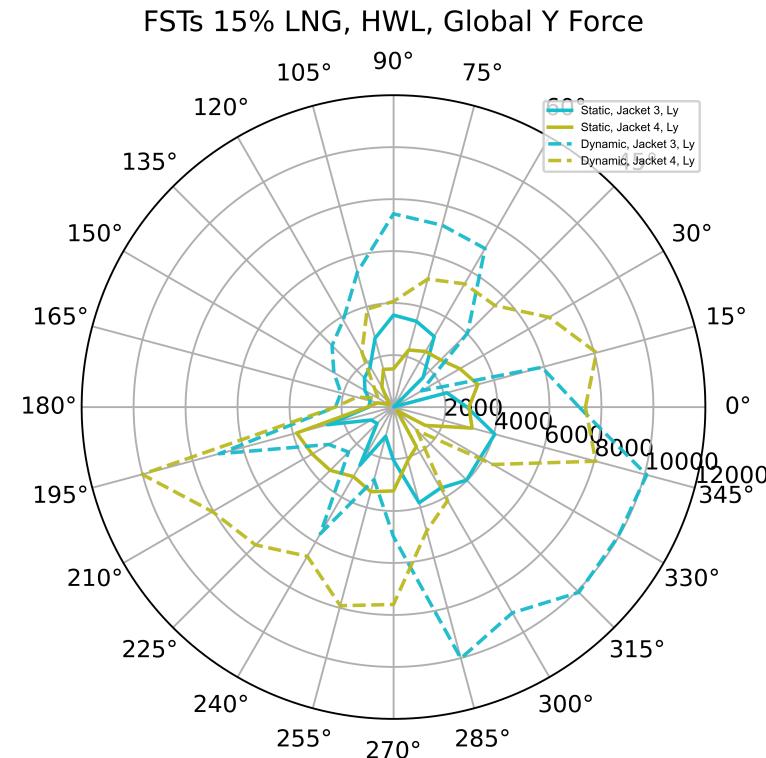
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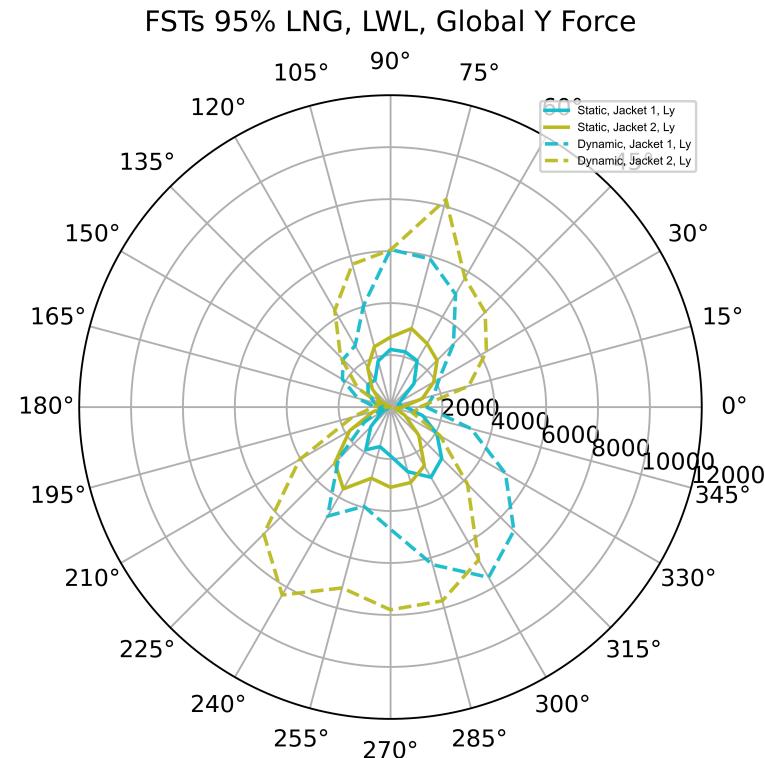


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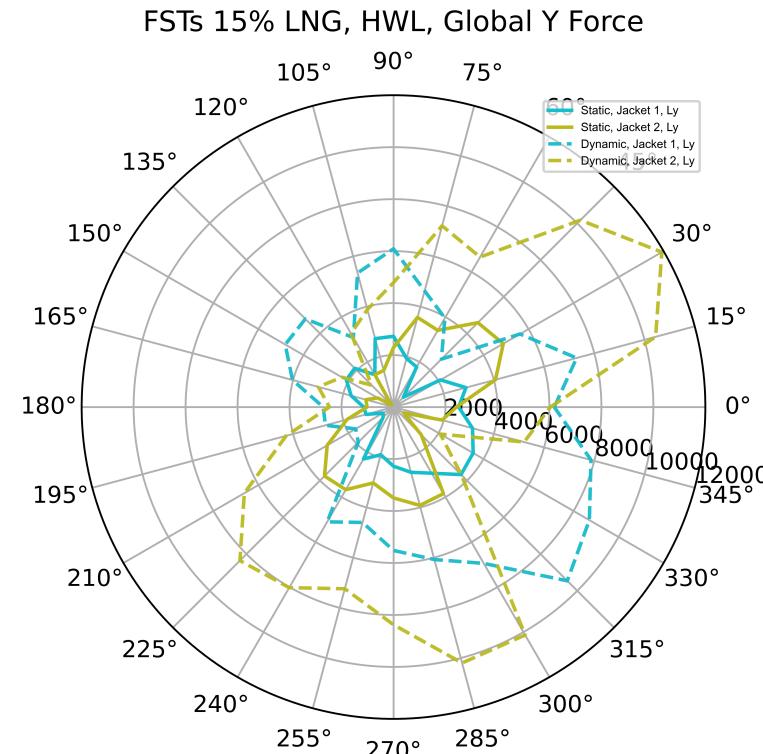
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