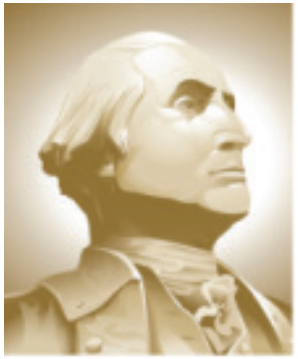
VESSEL TRAFFIC RISK ASSESSMENT (VTRA) 2010

3D Relative Risk Profile Comparison Potential Collision Oil Loss

CASE T – GW – KM - DP & Tankers + Cargo FV set Low

Dr. J. Rene van Dorp and Dr. Jason R.W Merrick

December 2013



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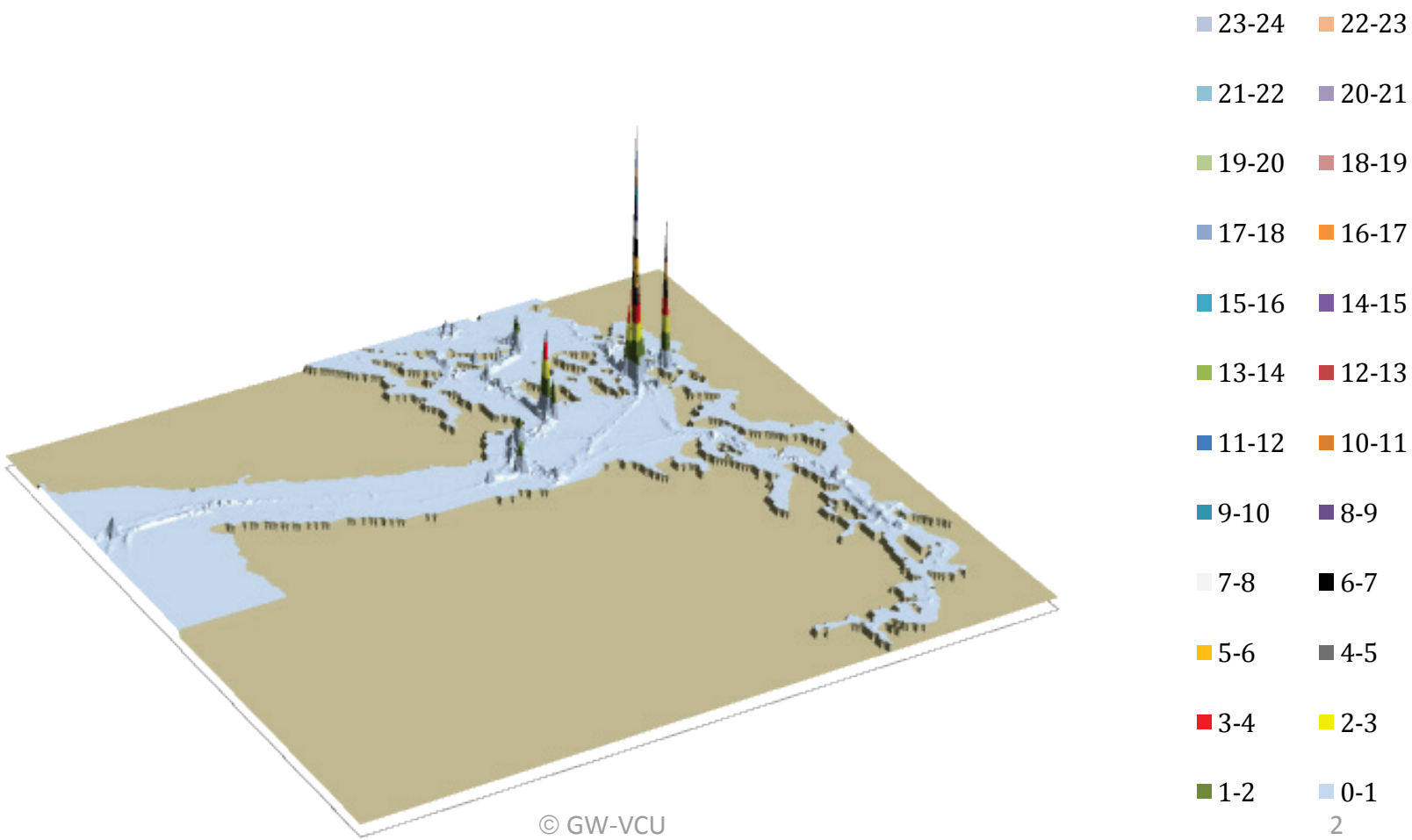
T: GW - KM - DP 3D Risk Profile
All FV - Pot. Collision Oil Loss: 189% of Base Case PCO



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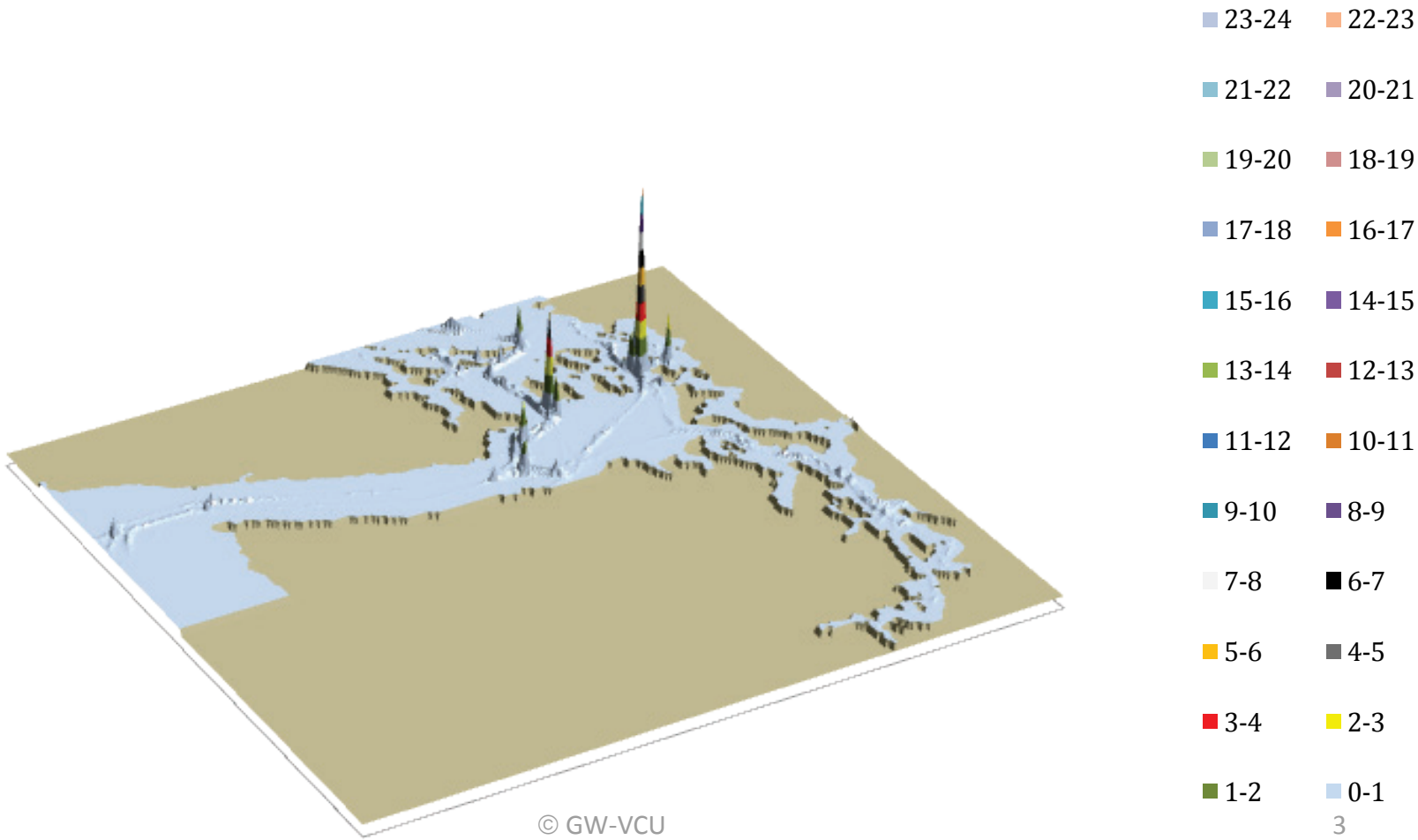
T : GW - KM - DP & Low Tan + CFV 3D Risk Profile
All FV - Pot. Collision Oil Loss: 143% of Base Case PCO



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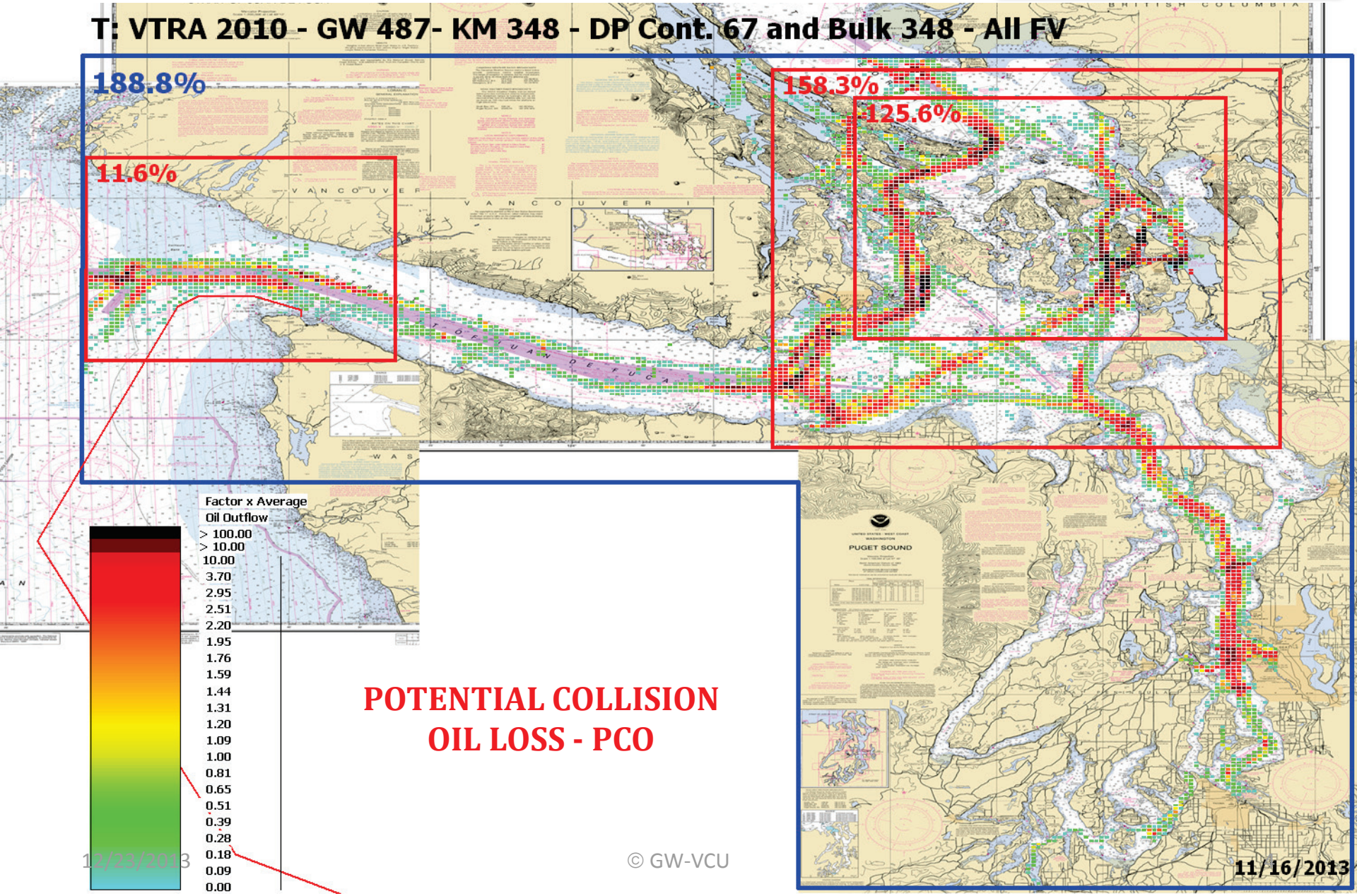

POTENTIAL COLLISION OIL LOSS - PCO

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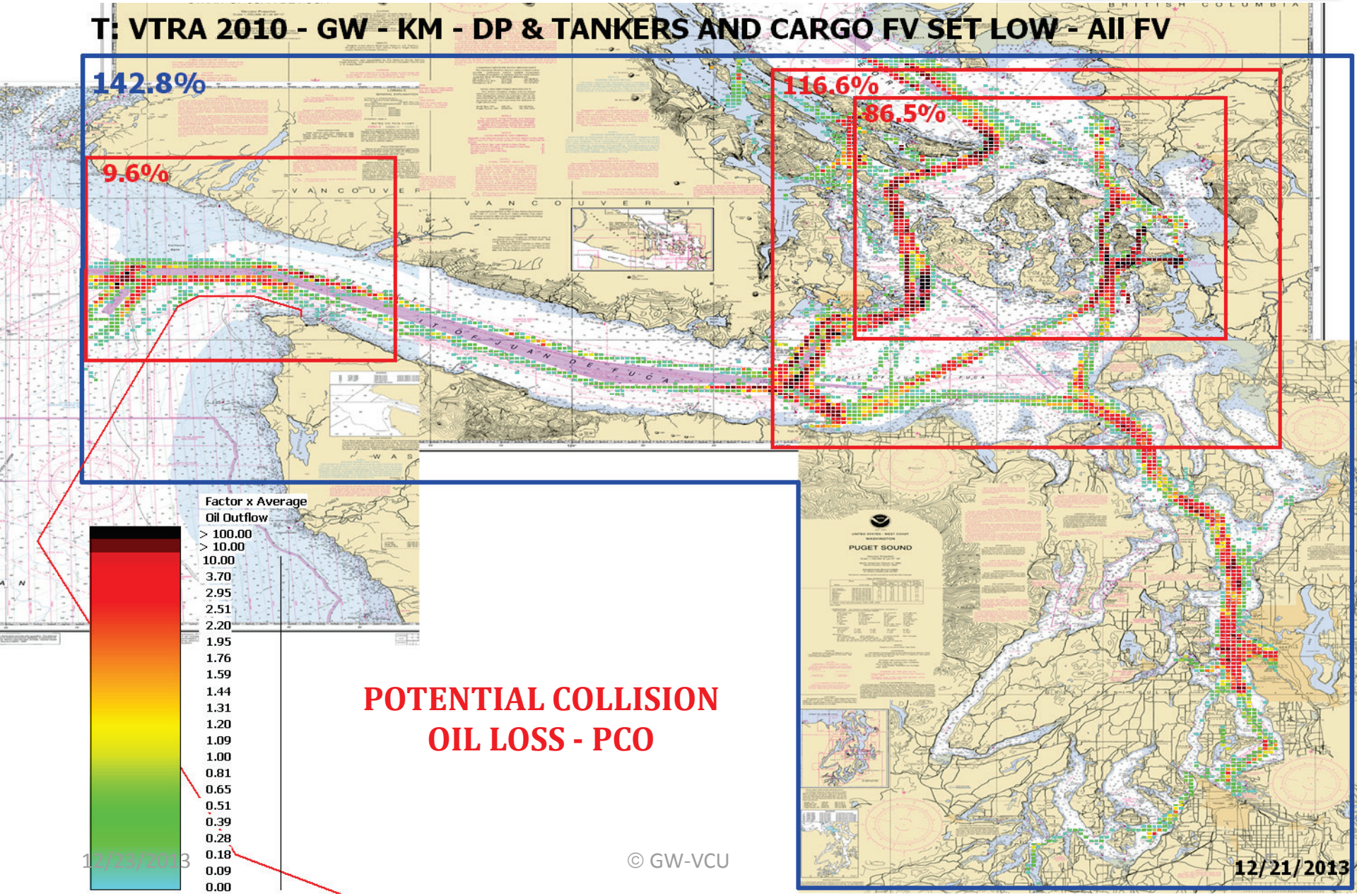
VESSEL TRAFFIC RISK ASSESSMENT (VTRA) 2010



POTENTIAL COLLISION OIL LOSS - PCO

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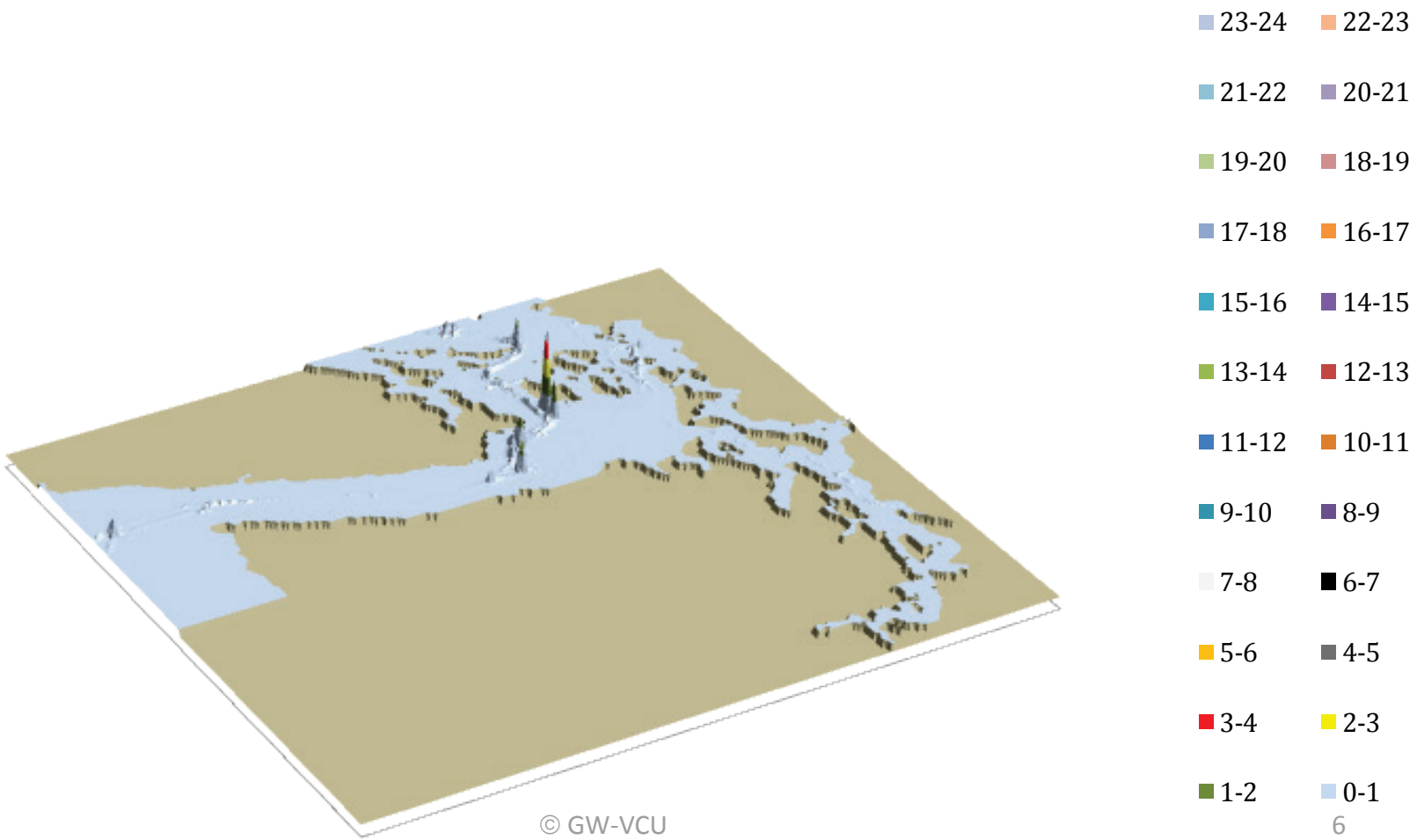
T: GW - KM - DP 3D Risk Profile
What If FV - Pot. Coll. Oil Loss: 62% of Base Case PCO



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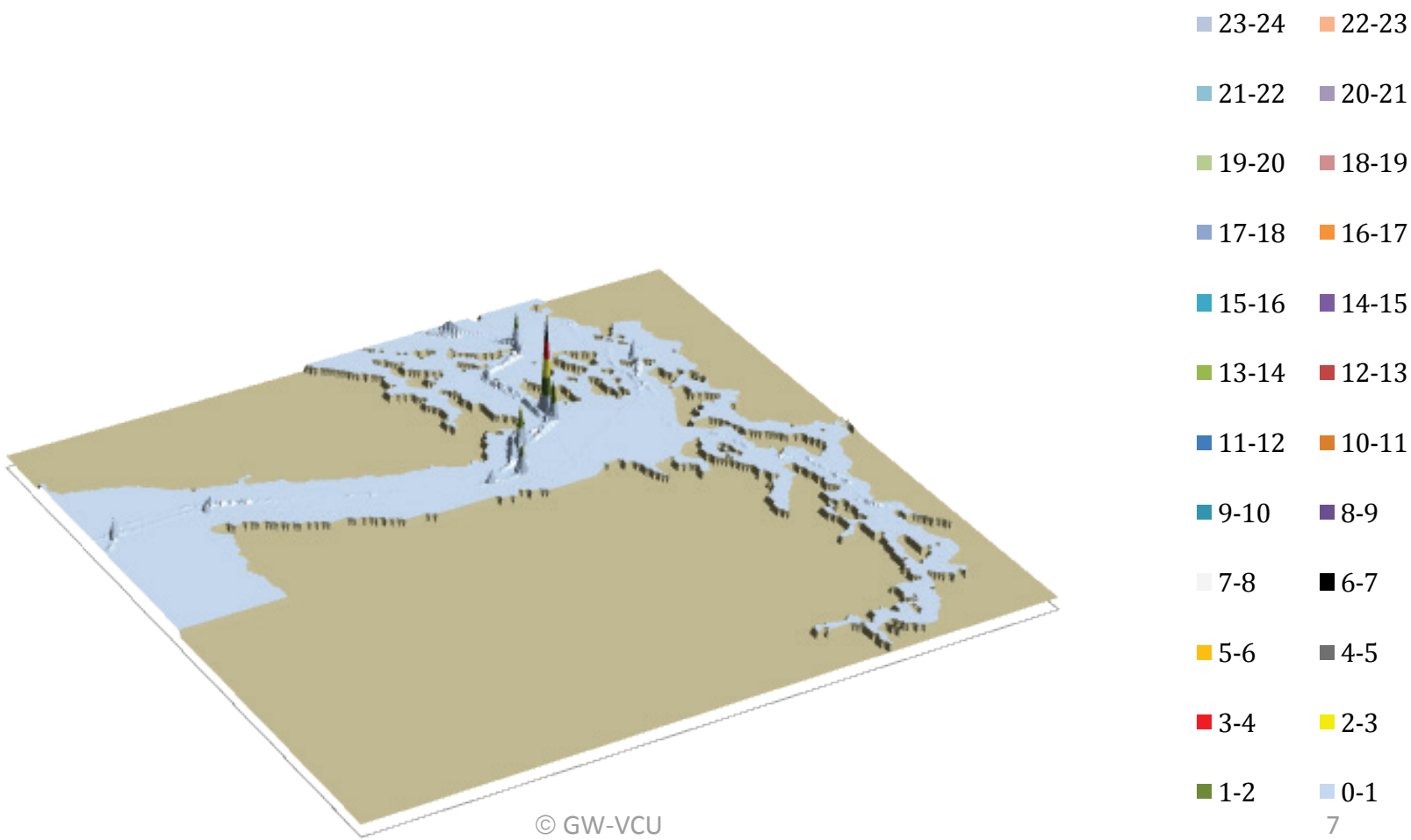
T : GW - KM - DP & Low Tan + CFV 3D Risk Profile
What If FV - Pot. Coll. Oil Loss: 59% of Base Case PCO



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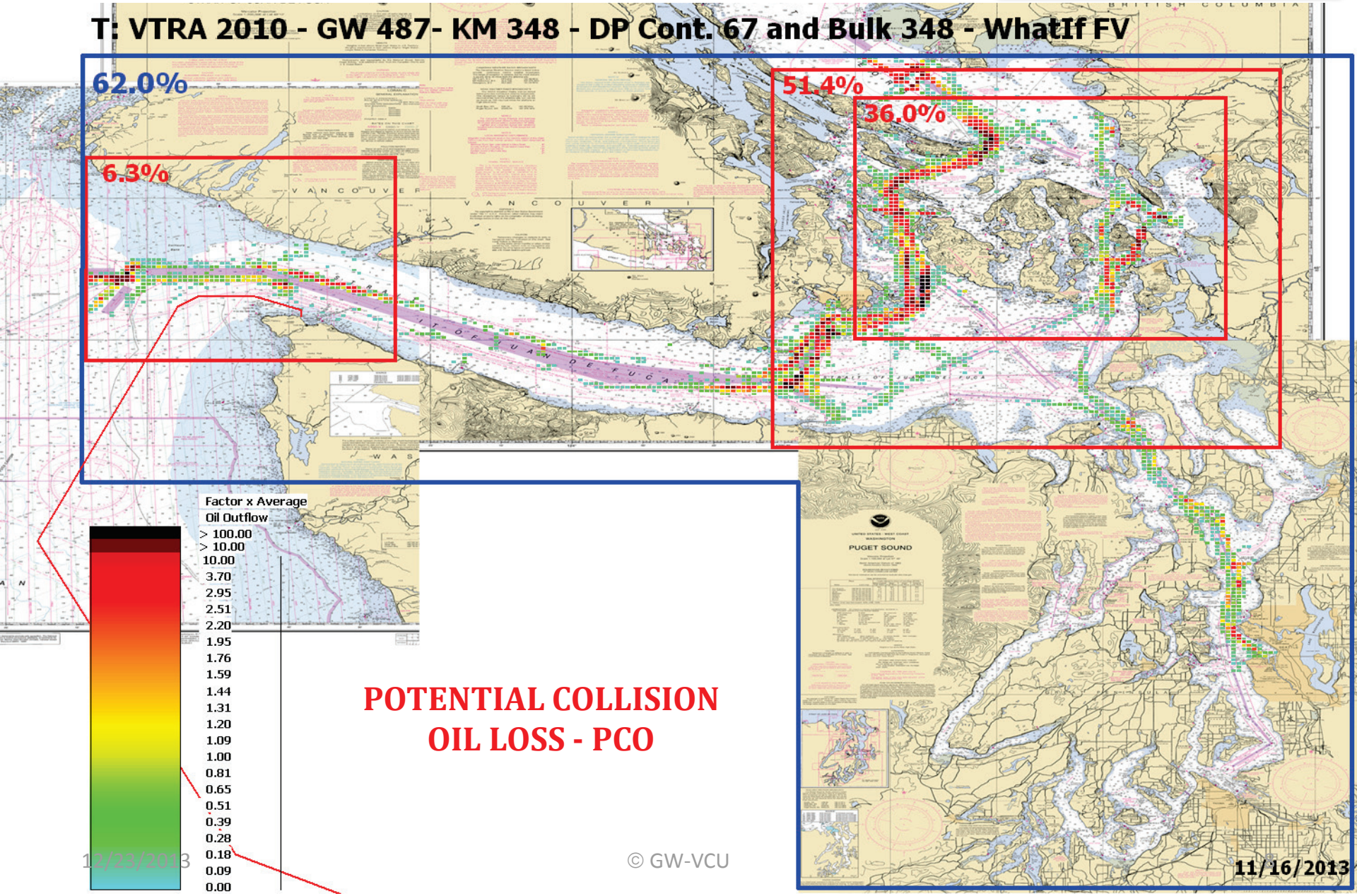

POTENTIAL COLLISION OIL LOSS - PCO

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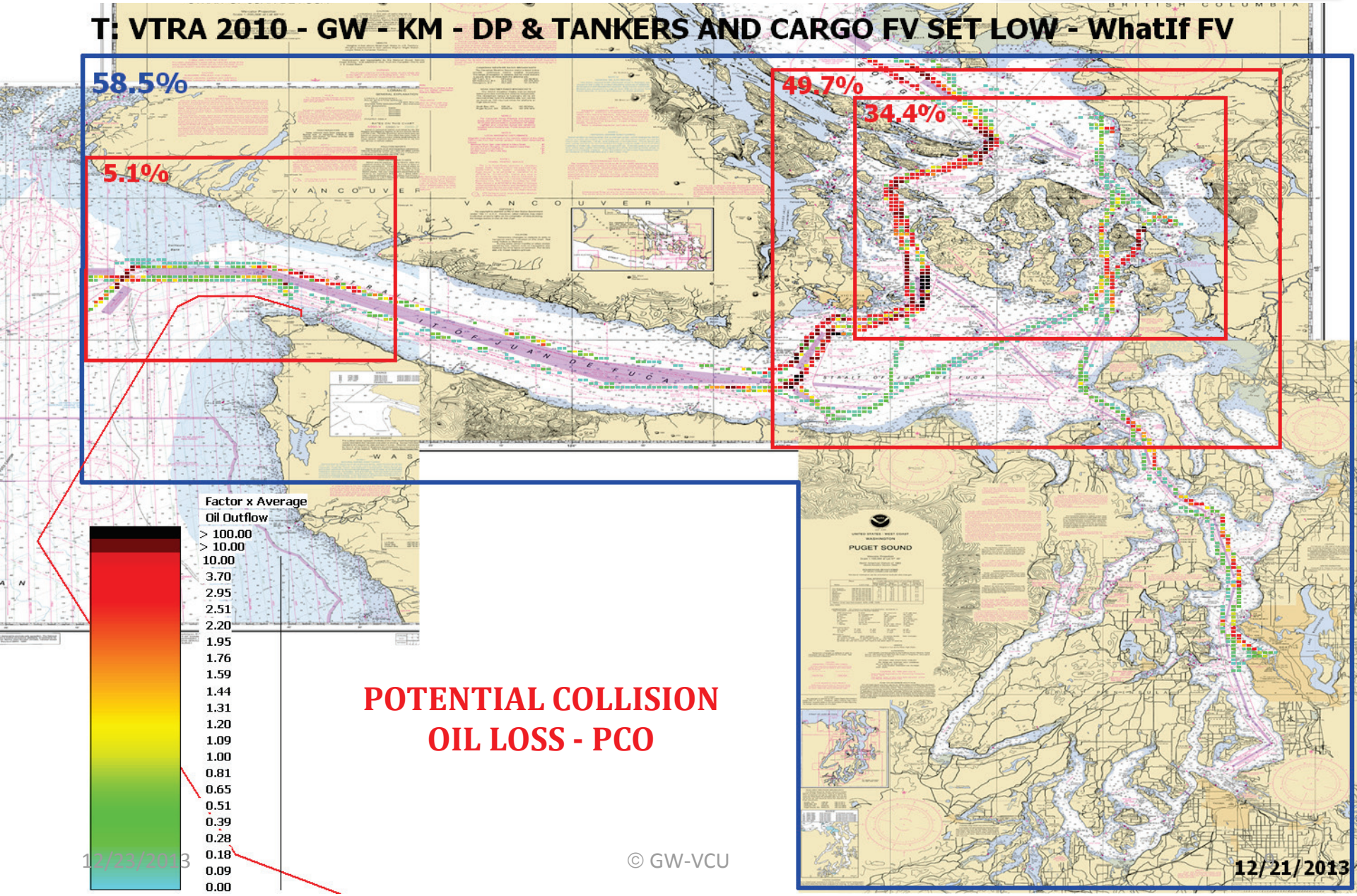

POTENTIAL COLLISION OIL LOSS - PCO

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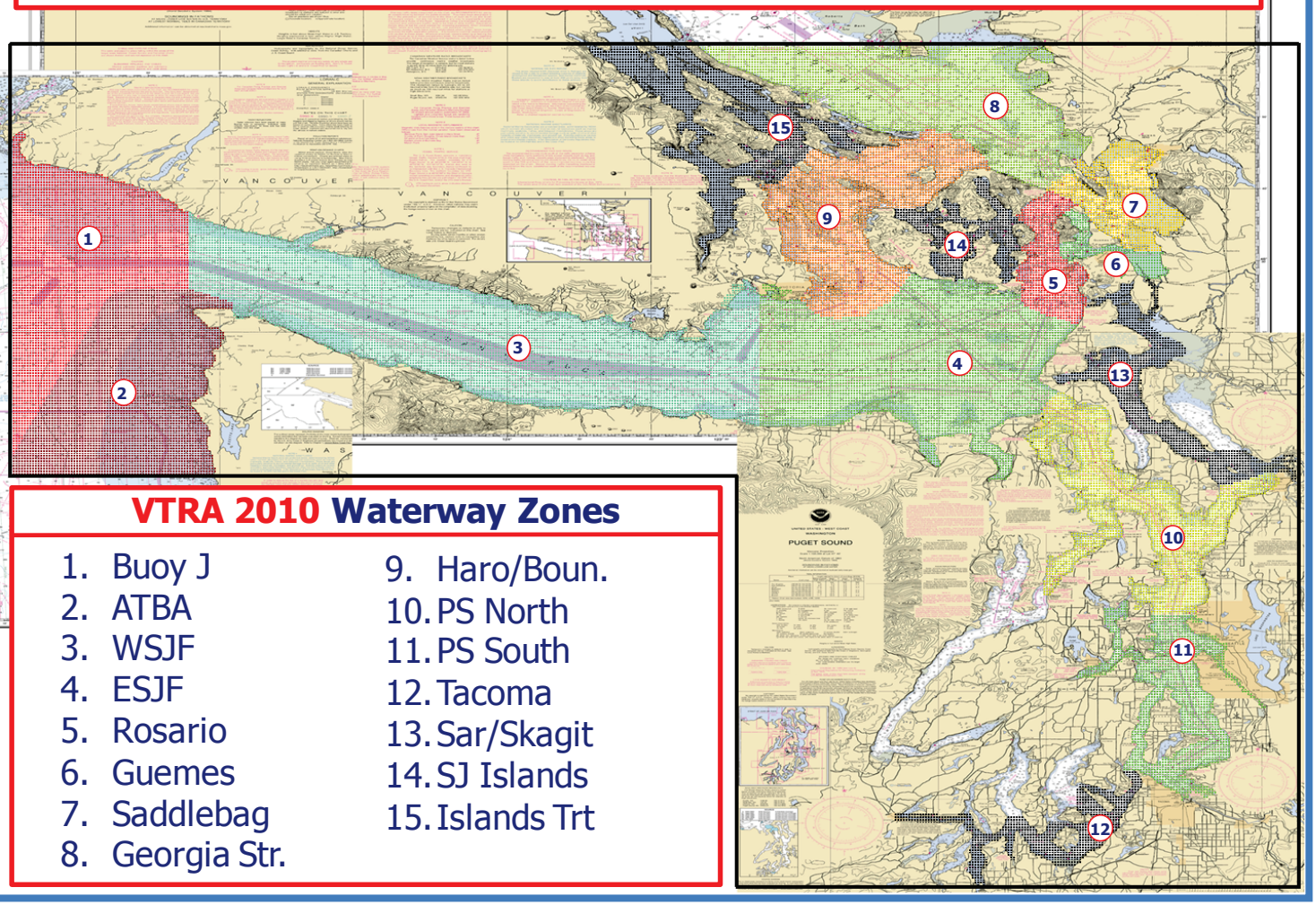
VESSEL TRAFFIC RISK ASSESSMENT (VTRA) 2010

DEFINITION OF 15 WATERWAY ZONES



VTRA 2010 Waterway Zones

1. Buoy J
2. ATBA
3. WSJF
4. ESJF
5. Rosario
6. Guemes
7. Saddlebag
8. Georgia Str.
9. Haro/Boun.
10. PS North
11. PS South
12. Tacoma
13. Sar/Skagit
14. SJ Islands
15. Islands Trt

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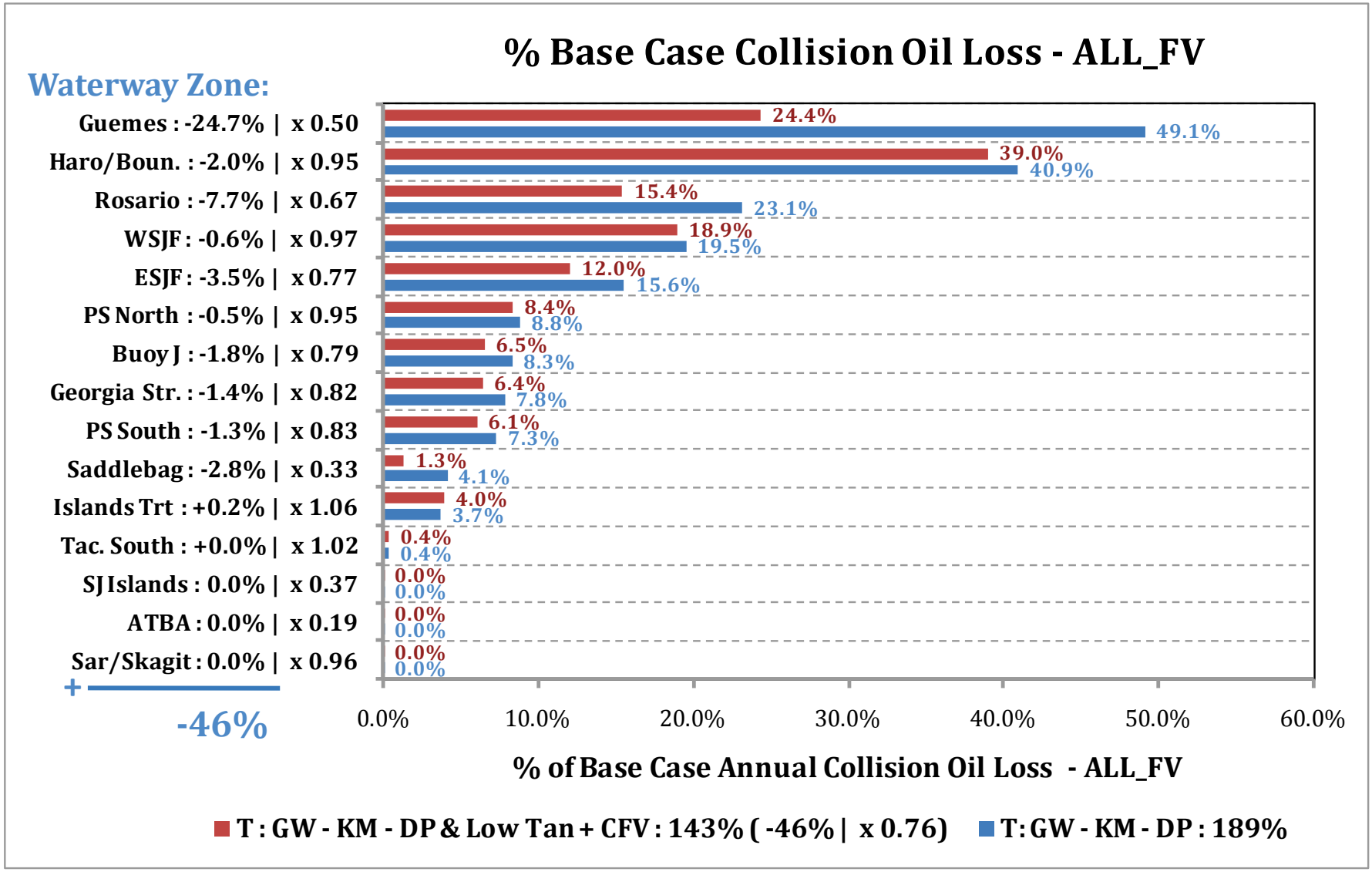
VESSEL TRAFFIC RISK ASSESSMENT (VTRA) 2010



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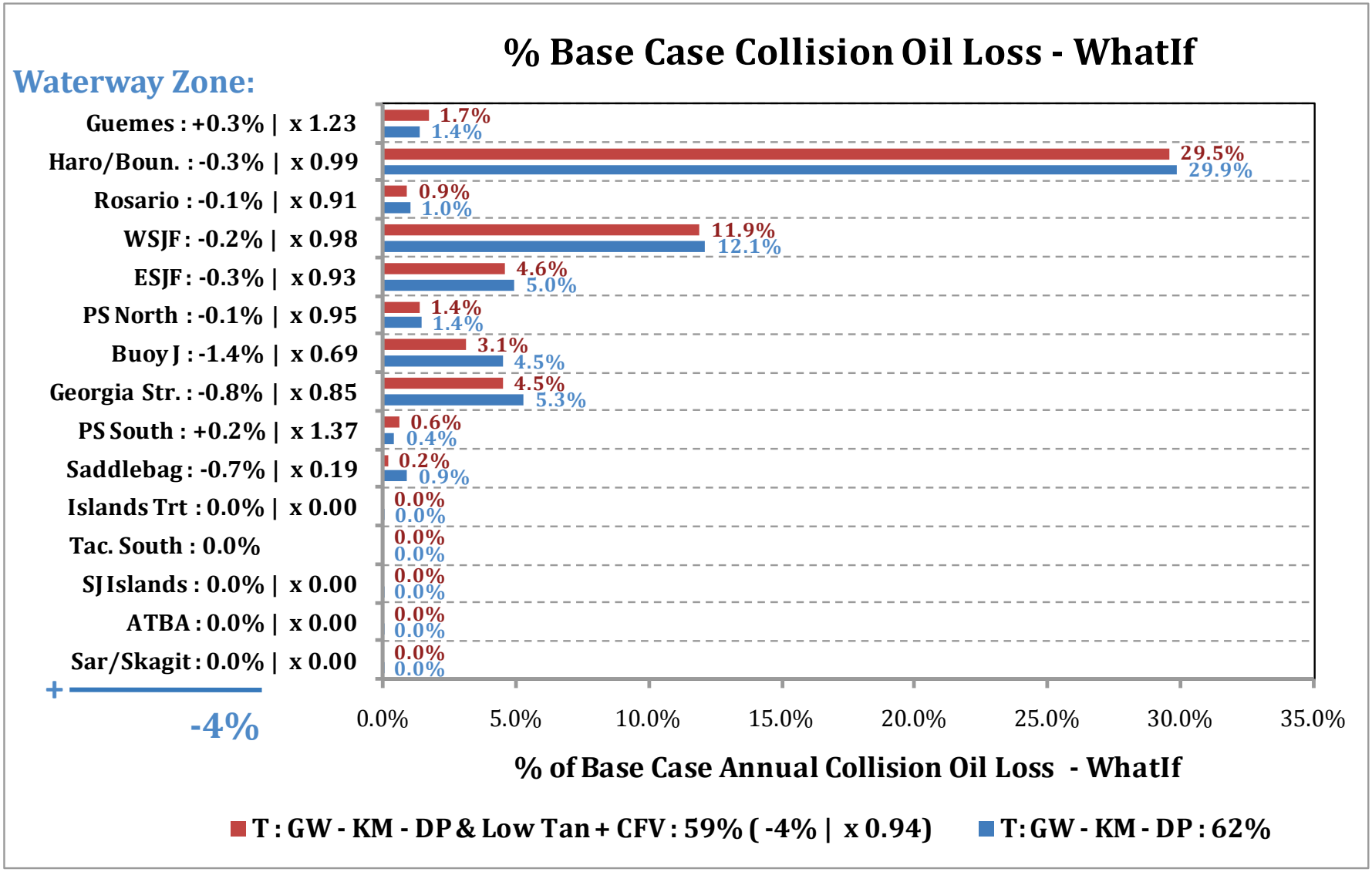
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