

Ocean Prediction Center



To Protect Life and Property at Sea and Defend the Nation's Maritime Economy against Extreme Weather and Ice Hazards



... Don't leave port without us!



The Maritime Industry

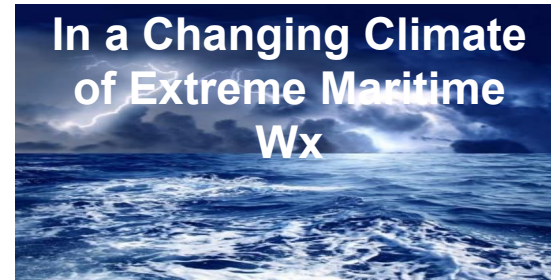
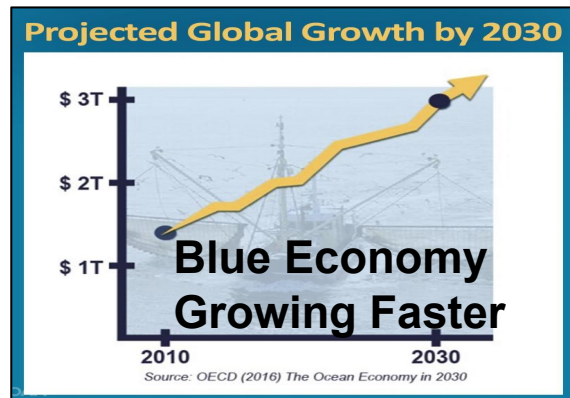



Vessels moved:
42% of the Value
71% of the Weight of USA
Int'l Trade in
2018

Port Performance Freight Statistics in 2018

Annual Report to Congress 2019

U.S. Department of Transportation
Office of the Secretary of Transportation
Bureau of Transportation Statistics



& Under Pressure

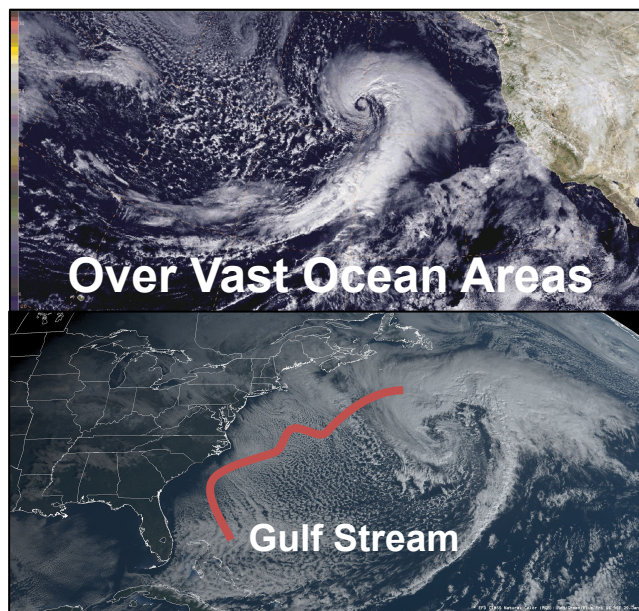
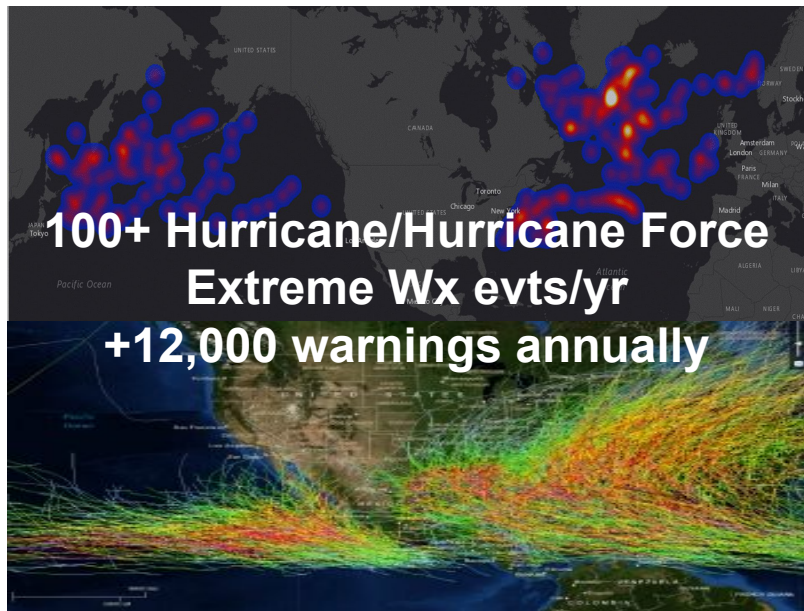


..to Transform to Reduce GHG emissions

Lives and Livelihoods are on the Line



Our Extreme Weather

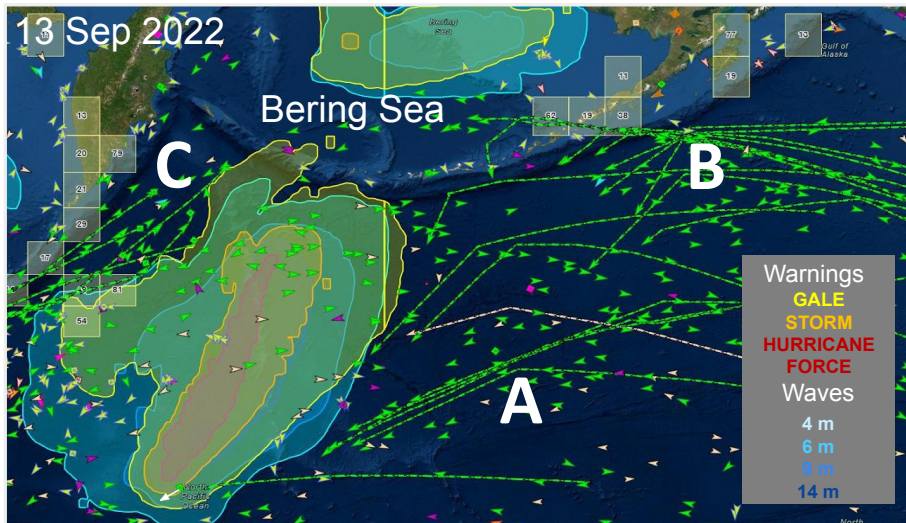


Extreme: 100+ “Hurricanes”, Freezing Spray, and Ice Hazards

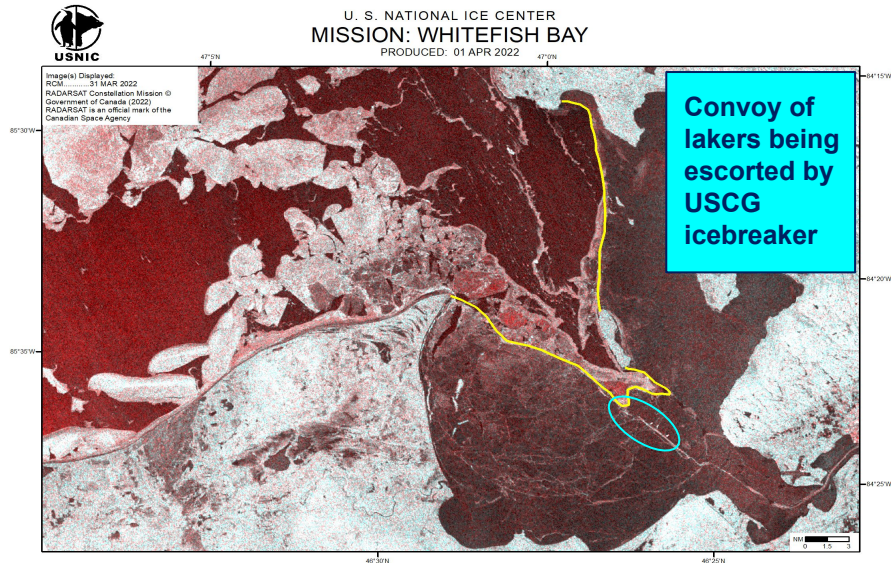


Our Impact: Decision Support

Vessel Avoidance & Ice Breaking



A, B, C – Vessels Avoiding Extreme Wx



Helping USCG find best ice to break through

Saving Property, Lives, and Livelihoods

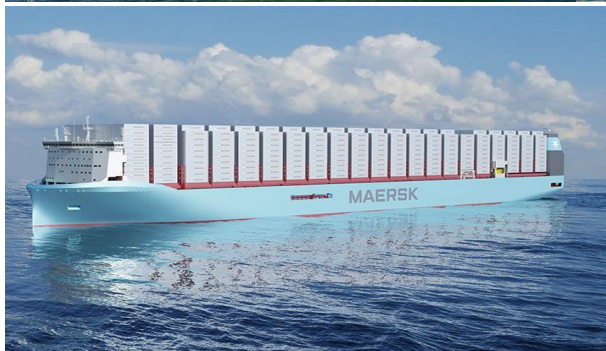


The Transformation

Providing Authoritative Data for Optimal Routing



Sunshine..



Helping the Fleet Fight Climate Change



Questions?



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