The Mayflower Autonomous Ship Demystifying the Ultimate AI Edge

Eric Aquaronne IBM Systems Strategy **Naeem Altaf** IBM Distinguished Engineer & CTO Space Tech

with help of

- the Submergence/Msubs/MarineAI team (Brett Phaneuf, Don Scott...)

- Guilhem Molines + many IBMers

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PROMARE O MARINE AI

Mission1: North Atlantic / Science



The Maker



20+ years designing submarines with autonomous functions

all sea-men







- Explain decisions taken (no man on loop)
- Security
- Management with / No or Little connectivity



Solution Architecture Details





- Is this image an Iceberg or a Fishing ship ?
- Should I give way or keep going?
- What is the fastest route to this waypoint?
- What speed to use with the current batteries level?
- What is the safest route –weather- to destination ?

Navigation system AI:



Complex AI testing : Serious Game



Coming Next:

- Navigability tests
- Systems integration
- Autonomy tests
- Science experiments integration
- Spring 2021: crossing
 June return via HMS Challenger route

Then 10 years round the planet doing Science



QUESTIONS ?

MAS400.com



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