



# NavyX



# Who we are, what do we do

- Small team within Develop Directorate
- Mixed Civil Servant, Military and contractor team- totalling 22 people
  - 5 PTBK Ships Company
  - 2 Battlelab
  - 15 Project, planning, safety and platform
- Both operates and supports (DE&S function) the APAC24 and PTBK
- <u>Autonomy</u>, innovation and lethality accelerator





# APAC24



Experiment	Status
Capability demonstration	Completed
Ships Integration trial with T23	Completed
Portsdown Technology Park (PTP) integration	Completed
Land based Live fire	Completed
Wraysbury	Completed
Launch and Recovery	TBC
REPMUS 2024	Task able node to the StrikeNet (TBC)
At sea Live Fire	Requires possible modification to platform and further experimentation planning.
At sea launch and recovery?	TBC?



# NavyX- Ship autonomy story







# **NavyX Building Blocks to Autonomy**





# **Autonomy Programme**









# **Other work steams**

- Tactical Data Links
- Multi-Faceted at sea communications
- Integration of StrikeNet into OCE to task APAC24
- SAAB Sea Giraffe radar
  - AWB data exploitation work

Enables FADs concept demonstrator







#### **Michael Hutchinson MBA**

Military Officer. Experienced Captain. Maritime leader. Specialist in Autonom...





