

Defence Operational Training Capability (Maritime) [DOTC(M)]

a globally connected live and synthetic force generation, sustainment and warfighting collective training
and assurance capability

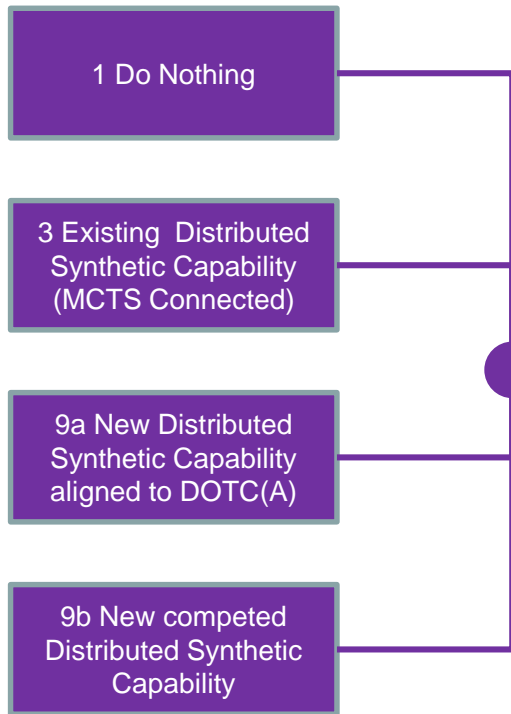


Cdr Nick Geneux
Programme Manager

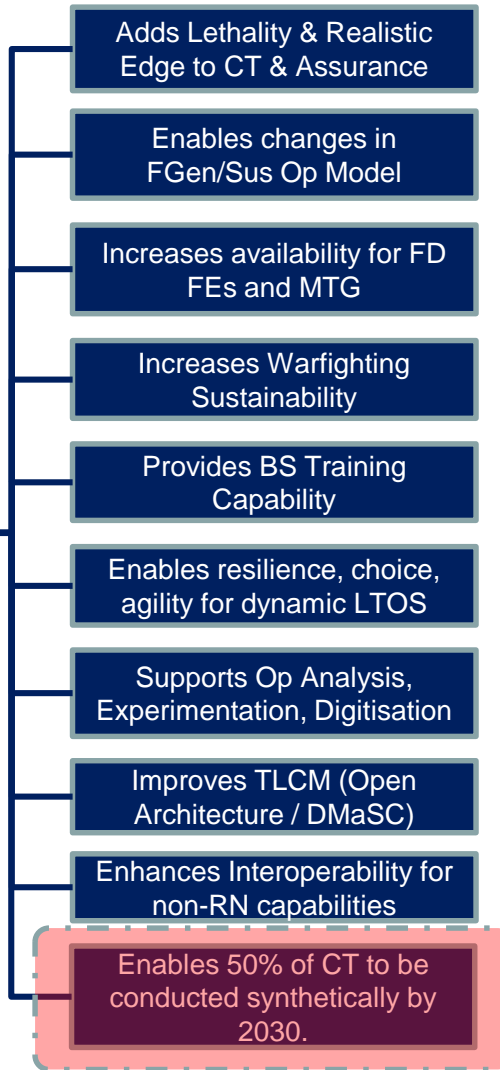


Update – Cap Rqts and Delivery Options

Short List Options



Key Capability Requirements (KCRs)

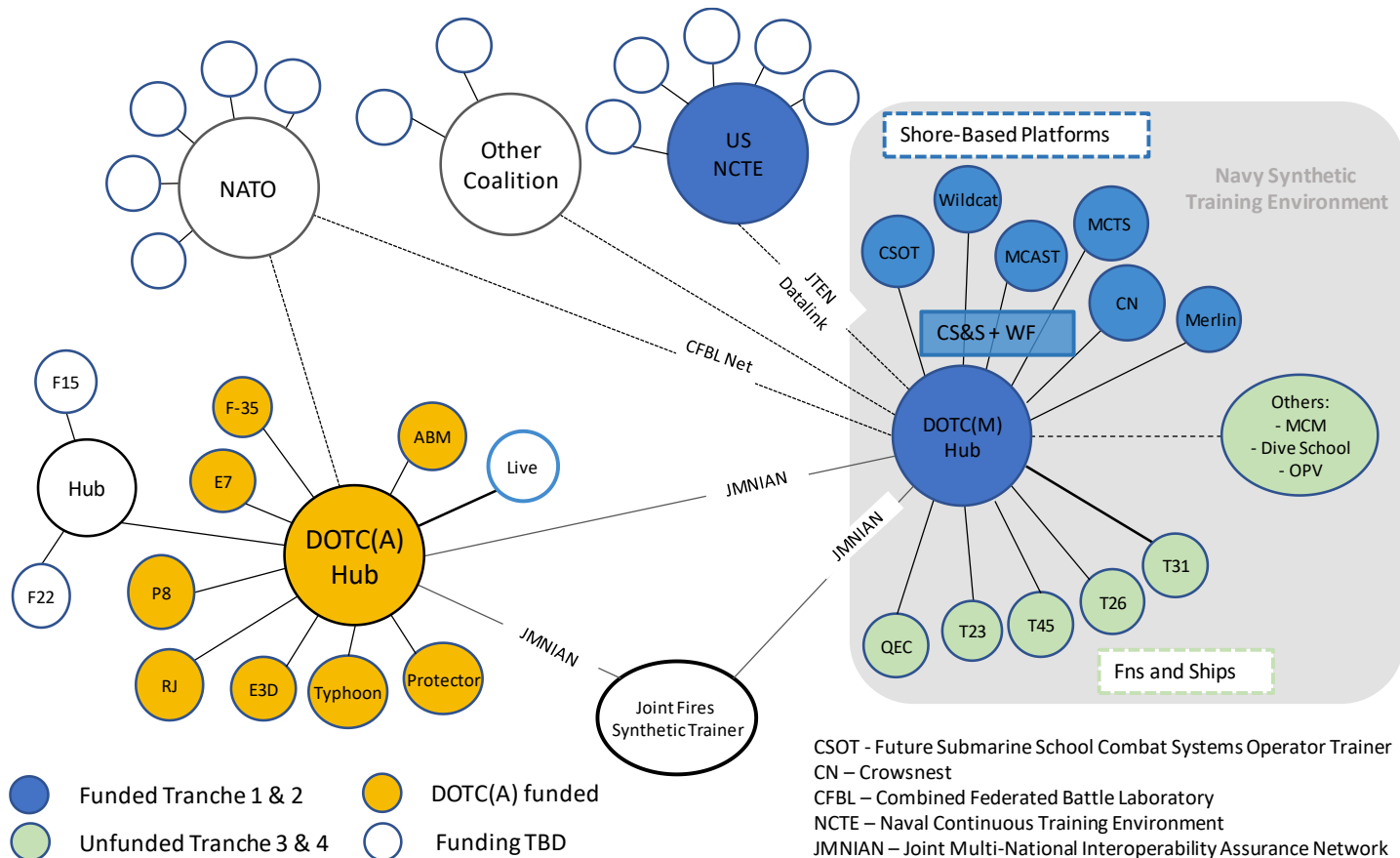


How to deliver (scalable: cost, TRL, increasing Interoperability)



Increasing Capability

Capability Model and Headmarks



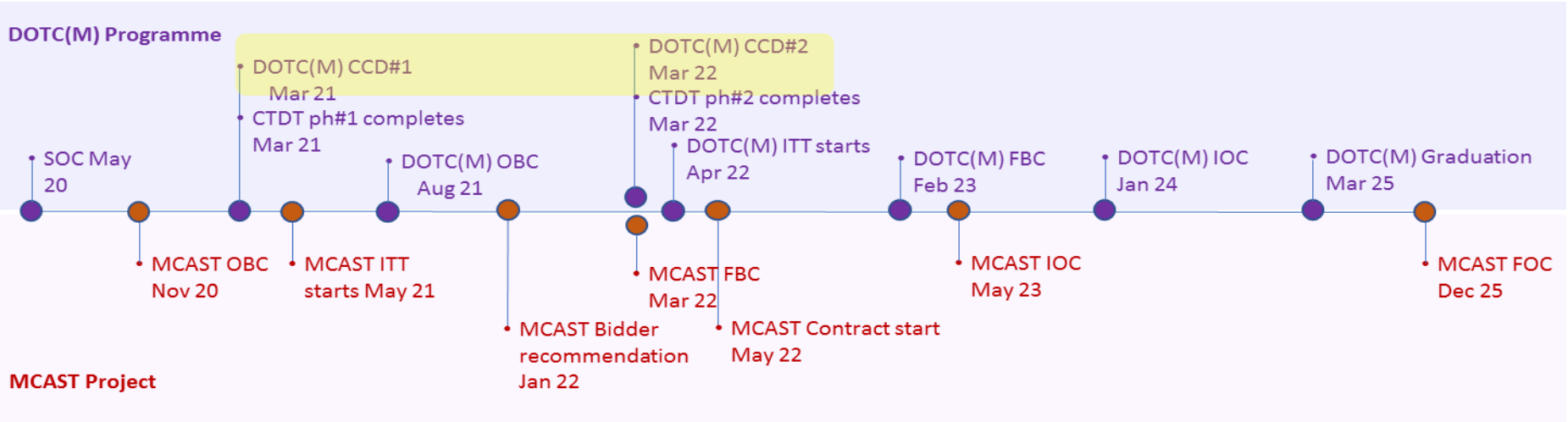
NTSE:

- InterOp convergence
- Common standards
- COTS
- Unconstrained access to products.
- Access to support product development.

Projects:

- Maritime Command and Staff Trainer (MCAST)
- Core Systems and Services (CSS)
- Exercise Venues and Facilities.
- Exercise Support Services (ESS)
- Platform enabled training capability (PETC)

Timeline and CCDs



Ship-based Capability Concept Demonstrations – IY and FY21/22

T23 CCD – IY

- Closed System CCD (not linked).
- Show how a T23 could run a local synthetic training exercise to:
 - Test feasibility of concept.
 - Exercise Target Audience stations in Ops Room.
 - Inform Safety and Security implications for ship-alongside capability.
 - May de early route to onboard capability.
 - Report on tech feasibility of CSH as option for PETC.
- Use:
 - Stimulation of Combat System Highway or
 - Use of Apps within Shared Infrastructure.

T45 CCD – FY21/22

- Distributed CCD with DOTC(A) as hub and MCTS.
- Show how PETC would allow an alongside T45 to be integrated into the DOTC(M) SE for distributed synthetic training exercises to:
 - Exercise multiple location Target Audiences and personnel participating from shore-based simulators (DOTC(A), MCTS).
 - Test the likely synthetic environment interface with the different ship's systems.
 - A roadmap for incrementally developing the Ship Alongside capability into the Ship At Sea capability.
- Use:
 - Stimulation of Combat System Highway or
 - Digital Twin hosted on CMS.

COVID-19

- In Concept Phase so less impacted than more mature Programmes.
- Key Challenges:
 - Industry Engagement:
 - NCHQ Industry Day including DIAG 25 Mar 20 Cancelled.
 - Inability to use ITEC as part of informal Industrial Engagement Strategy
 - Site Access and Delivery Timeline:
 - Inhibited site visits to inform Infra Assessment preparations.
 - Stopped tech visits to Portsmouth Technology Park.
 - Constrained Delivery Agent capacity (Government Procurement Priorities)
- Opportunities:
 - Ways of Working and Practices – PgBd, CIWG.
 - Reduced contracted overheads/marginal costs (work from anywhere)?

End

Cdr Nick Geneux
Programme Manager

