



Unmanned Maritime Systems Update

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Unmanned Maritime Systems

Unmanned Surface Warfare



PROTOTYPES

Unmanned Expeditionary Warfare



MINE COUNTERMEASURES USV



MINEHUNTING USV



LARGE USV



MEDIUM USV

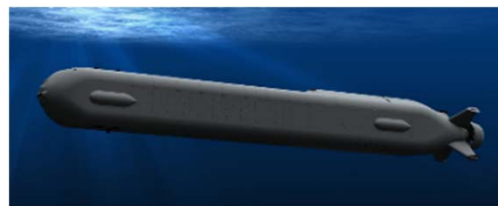


KNIFEFISH

Unmanned Undersea Warfare



SNAKEHEAD LDUUV



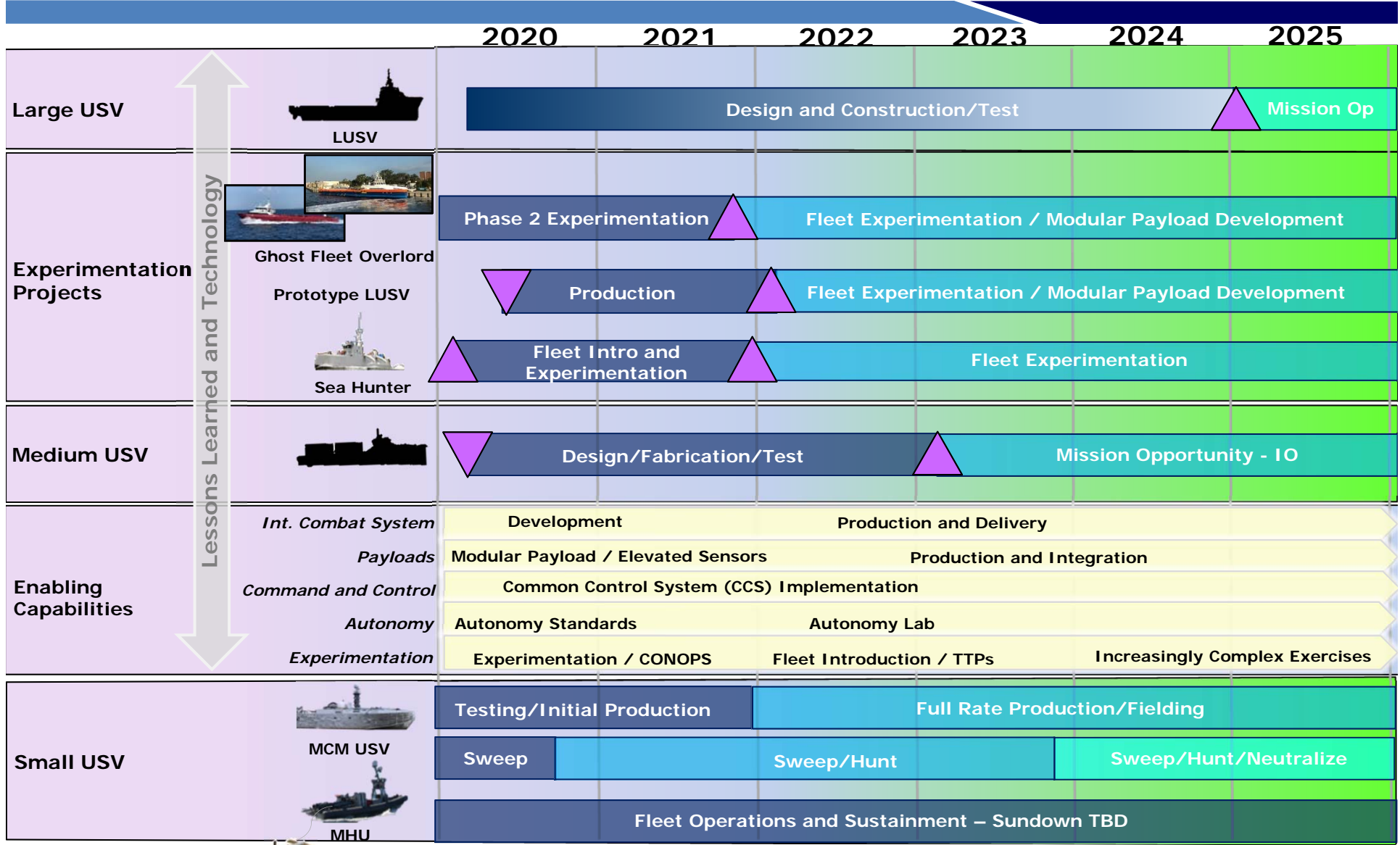
ORCA XLUUV



RAZORBACK



USV Systems Vision



Lessons Learned and Technology



MCM USV Testing and Integration



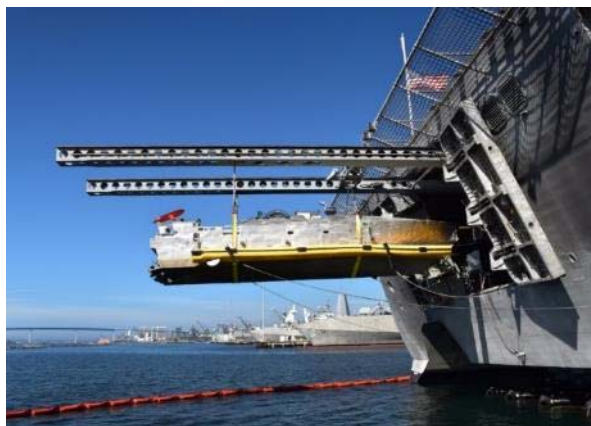
Sweep DT/OA Completed



Mine Hunting Integration Ongoing



Integration on LCS and VOO





Knifefish SMCM UUV

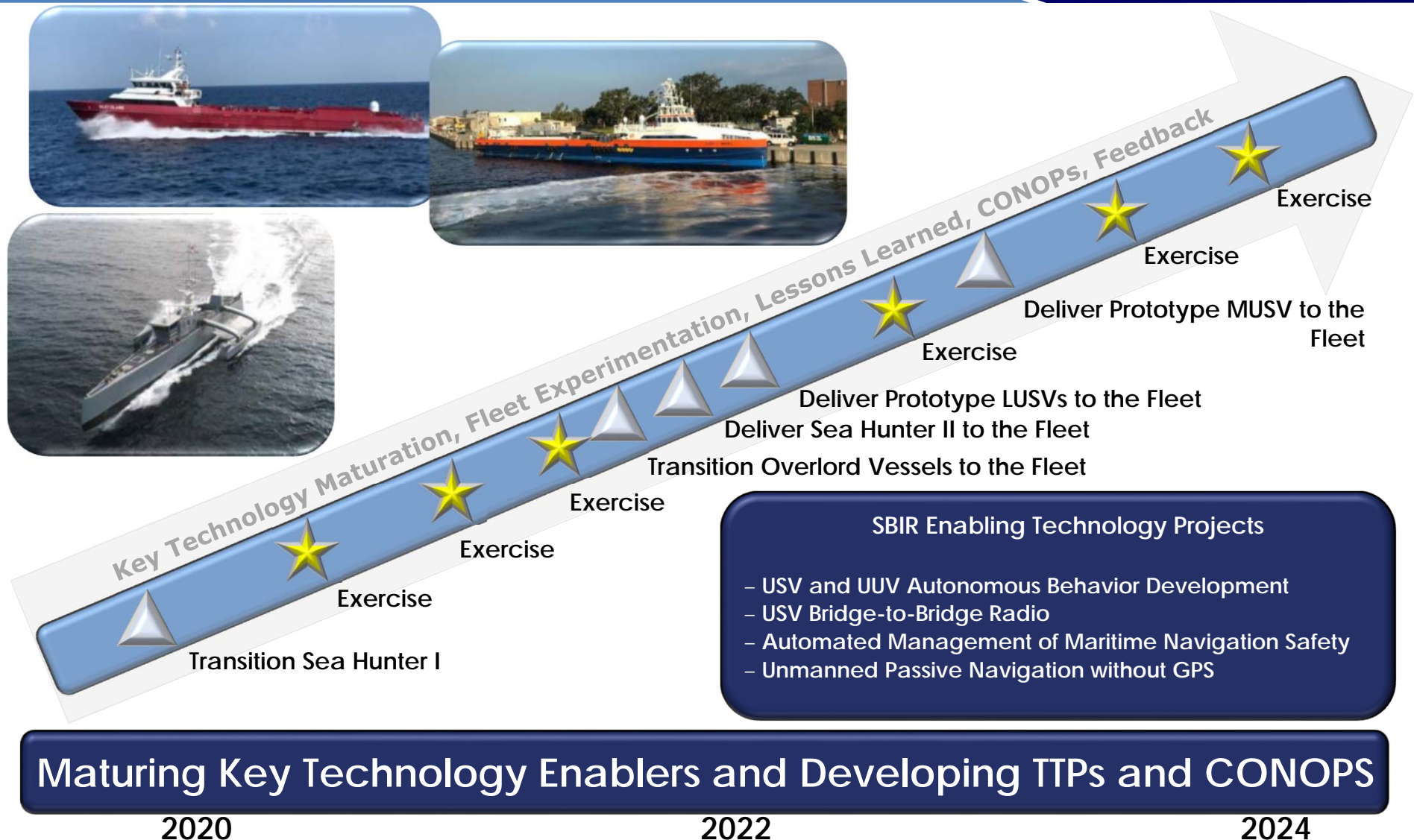


- DT/OA and Milestone C complete
- Low Rate Production Awarded





USV Experimentation and Technology Development





Unmanned Surface Warfare



Large Unmanned Surface Vessel (LUSV)

- FY20 Conceptual Design – *Source Selection in progress*
- Procuring additional experimentation vessels in FY20
- Revising plan for Detail Design and Construction



Medium Unmanned Surface Vehicle (MUSV)

- Prototype Design and Fabrication – *Source Selection in progress*
- Planned delivery in FY23



QUESTIONS?