



Surface Navy Association

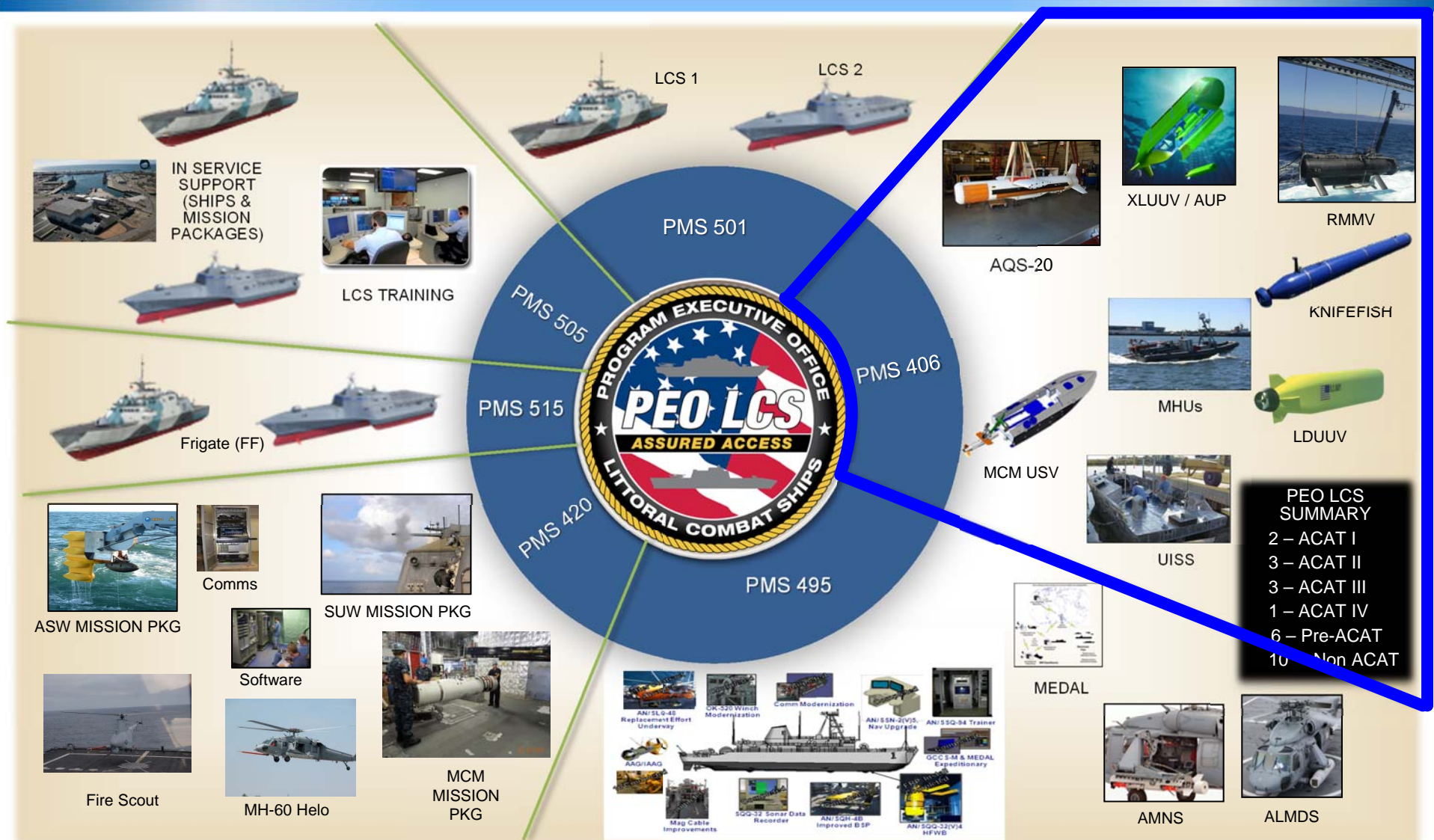
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PMS406
10 January 2017*



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PEO LCS Portfolio



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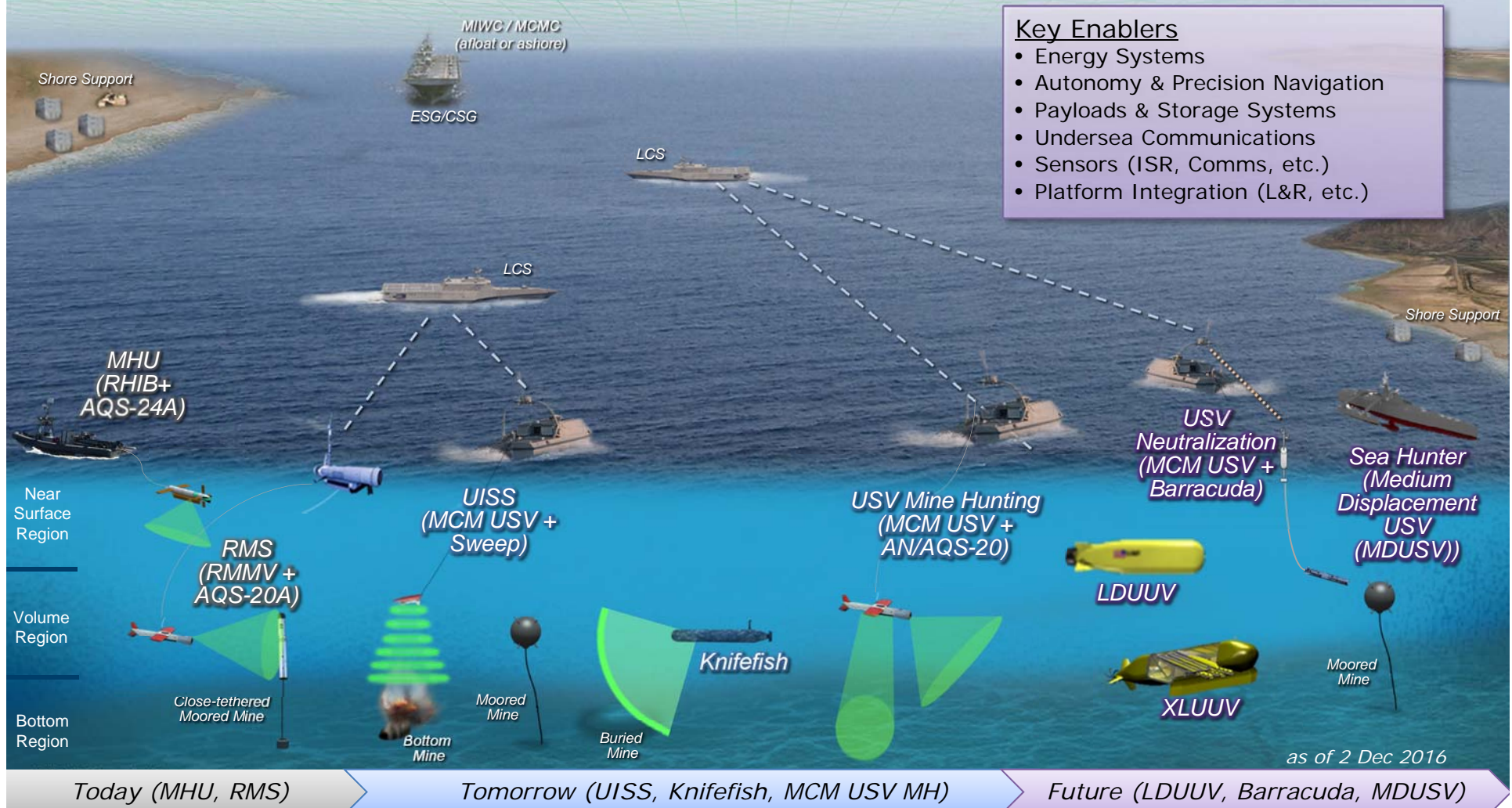


Achieving the Mission

From Mine Warfare to the Undersea Domain



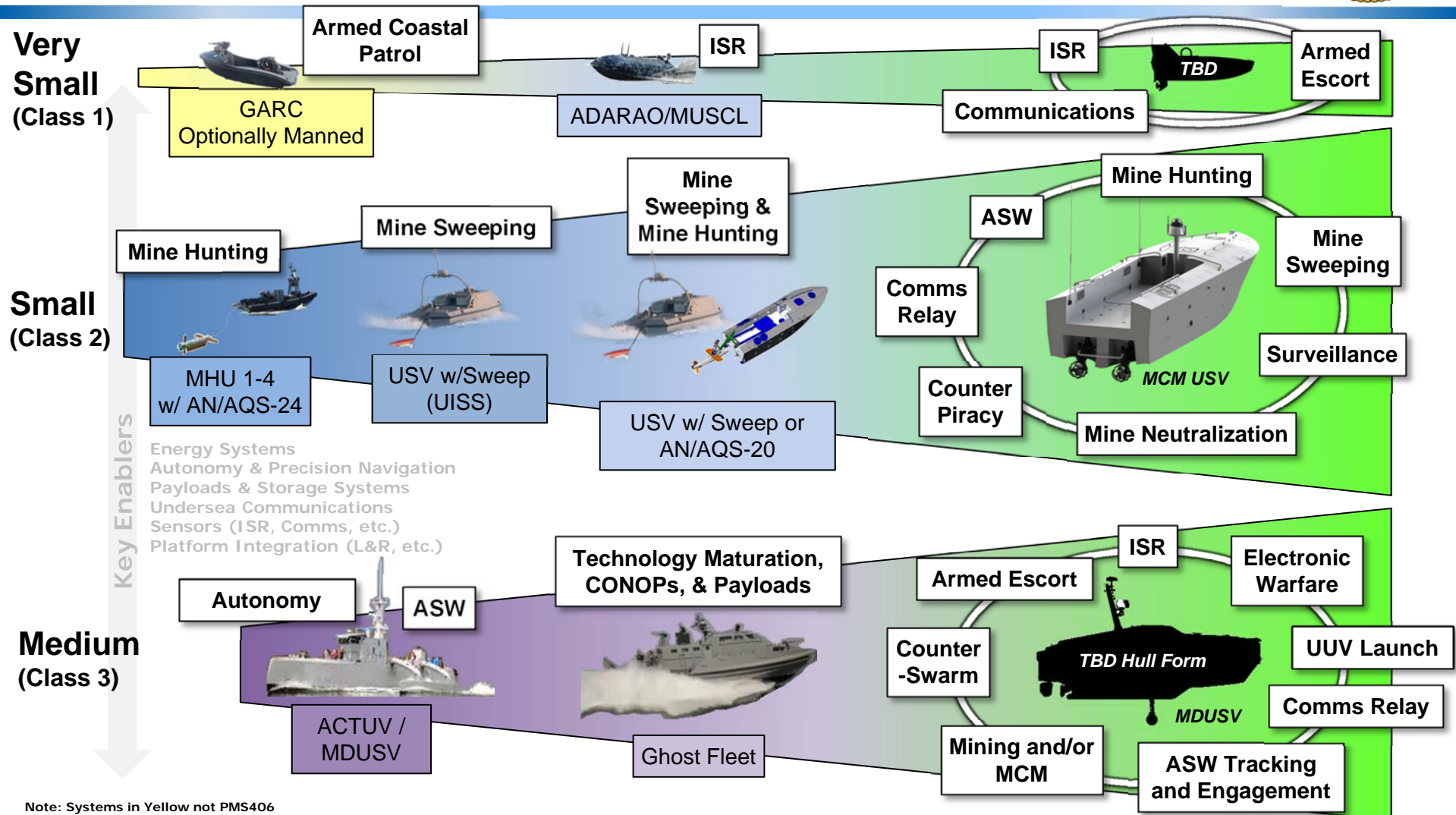
Detection, Classification, Localization, Identification, and Neutralization





USV System of Systems Vision

Enhanced, Efficient Capabilities



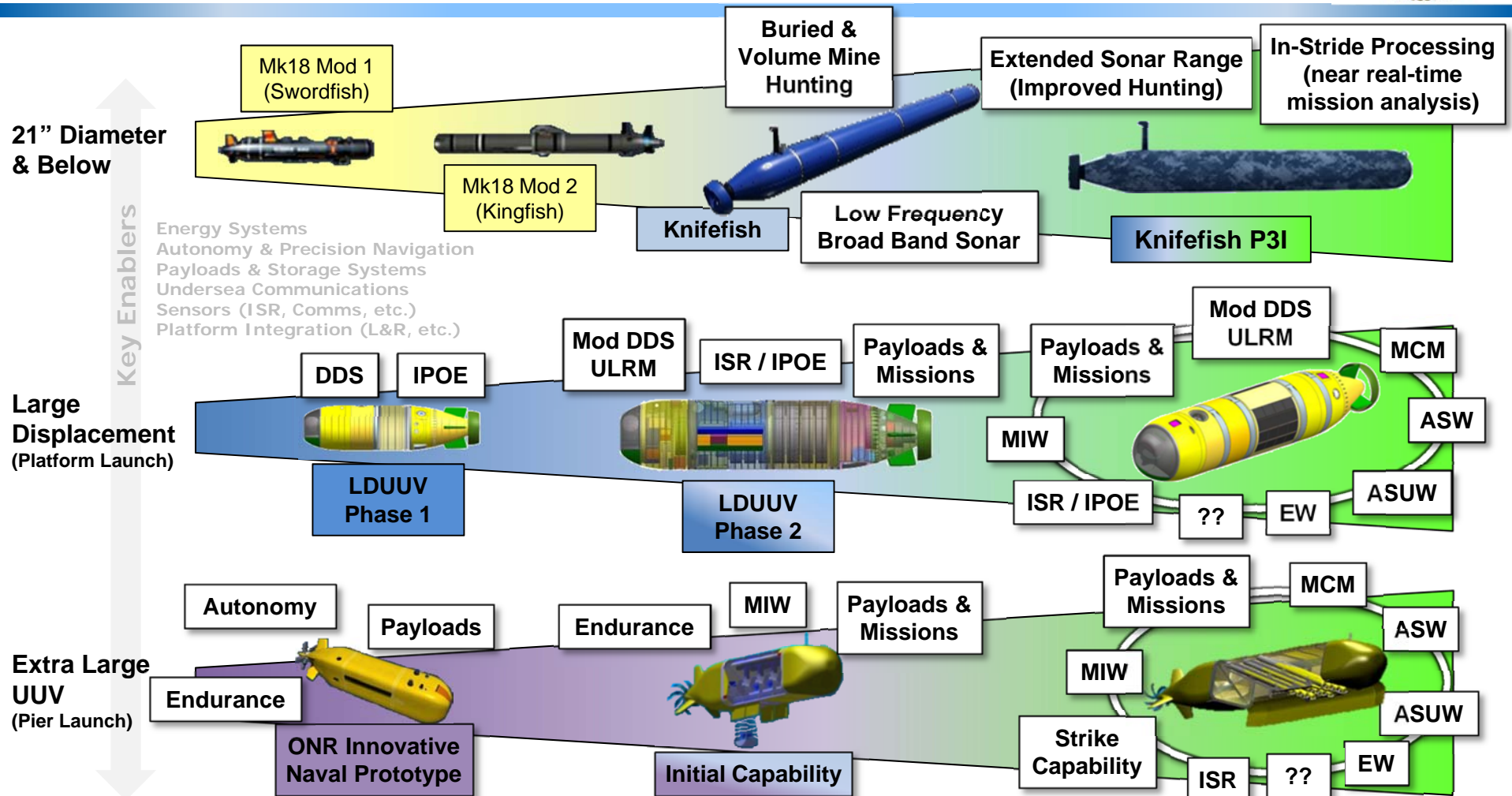
Efficient, Executable Progression of Capabilities onto Common USV Hull Forms

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UUV System of Systems Vision

Enhanced, Efficient Capabilities



Note: Systems in Yellow not PMS406

Efficient, Executable Progression of Capabilities through Various UUV Systems

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Summary



- **LCS is the first ship class designed and built from the keel up to support unmanned systems**
 - Unmanned Systems key to success of LCS and its mission packages
 - Modularity allows inclusion of latest and greatest technology as systems evolve
- **Unmanned systems are high growth**
 - Key enabler for both LCS & Undersea Enterprise
- **Technology and innovation are our enablers**
- **Key technical areas where Industry can support**
 - Increased levels of autonomy
 - Complex technologies that are reliable, maintainable, and sustainable
 - Evolved technologies in navigation, power, C2, etc.
 - Platform integration
 - Payload modularity and open architecture designs
 - Sensors (ISR, Communications, etc.)
 - Sensor data management & visualization tools

Leveraging critical technologies is integral to success in Unmanned Maritime Systems



Questions?



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