



LCS Mission Modules Program



Transition from Development to Production



2018 Completed Milestones



- **SUW: Completed DT and initiated OT for SSMM two months ahead of schedule**
 - Achieved a 91% successful engagement rate during DT/IT/OT
- **ASW: On time delivery of the Pre-Production Test Article (PPTA) (November 2018)**
 - At-sea testing of PPTA ongoing at the Atlantic Undersea Test and Evaluation Center onboard MV Paul Aillet
- **MCM: Final Aviation Module (Coastal Mine Reconnaissance) certified for deployment on Independence variant ships**
 - Freedom variant aviation testing to begin next month



Distribution A: Approved for Public Release; Distribution Unlimited



Surface Warfare (SUW) Mission Package



- ❑ To date, the Surface-to-Surface Mission Module (SSMM) has conducted 55 live-fire shots in formal DT/OT (79 live-fire shots including integration testing), achieving more than a 91% successful engagement rate
- ❑ On track to reach IOC in Q2 FY19
 - LCS 6 identified to support Independence variant integration testing starting Q3 FY19
- ❑ Plan to transition SSMM to production in FY19 and deliver first production asset in FY21
 - Complete procurement of SSMMs in FY24
- ❑ Exploring a possible SSMM deployment in 2019



SSMM delivers the premier counter FAC/FIAC Capability to the Fleet



SSMM Testing





Anti-Submarine Warfare (ASW) Mission Package



❑ ASW: Delivered the Pre-Production Test Article (PPTA) on time (November 2018)

- At-sea testing of PPTA on-going at the Atlantic Undersea Test and Evaluation Center onboard MV Paul Aillet

❑ Installation onboard LCS 3 in Q3 FY19

- Formal DT to begin in Q4 FY19

❑ ASW MP IOC in FY20



Provides a game-changing ASW capability not fielded on any other surface combatant



Mine Countermeasures (MCM) Mission Package



- ❑ **All Aviation MCM (AMCM) Mission Modules certified for deployment on the Independence Class Ships**
 - Plan to certify all AMCM MMs on Freedom variant ships in 2019
- ❑ **Unmanned Influence Sweep System (UISS) and Knifefish integration testing ongoing onboard LCS 2**
 - UISS and Knifefish planned to be certified for deployment in 2019 from Independence variant ships
- ❑ **Plan to conduct MCM MP developmental/operational testing in FY21 and achieve IOC in FY22**



MCM MPs is on the cutting edge of unmanned technology



Summary



- ❑ Mission Packages deliver the critical combat capability to LCS
- ❑ PMS 420 has transitioned from development to test and production/sustainment



Continuing to Deliver Warfighting Capability

Distribution A: Approved for Public Release; Distribution Unlimited



QUESTIONS?