USNA Ship Handling replay tool YP Demo Highlights

- USNA ship handling replay tool demonstrated successfully onboard YP 705 on 20 Oct 16.
- Completed installation of the USNA YP Replay tool on all YP 703 Class ships (703 to 708).
- Corrected YP 703 class RPM Non-connection deficiency and installed RPM electrical connections on all YP 703 class to the Raytheon Nautoconning Navigation data system.
- United States Naval Academy, LCDR Rogers (US NAVY) and LCDR Lowe (Royal Navy) SEA NAV department instructors boarded the vessel to observe a demonstration of the YP replay system and were impressed with the system to train the midshipmen during underway evolutions.
- The replay capability with Audio & Video was proven to be successful in retracing ship handling maneuvers during a voyage and during evolutions such as man-over-board, pier landings, and anchoring at sea.

Potential Future Capabilities with the YP Replay tool (Requirements and Costs TBD)

- The existing system can also be retrofitted to broadcast the YP’s position to the USNA campus via a large screen display to view all YP vessels as they depart the basin and onto an exercise. The retrofit can aid craft masters and EMO’s in preparing for a YP’s arrival into the small basin as well as designating port traffic.
- The YP system can also be expanded to aid the USNA support office in monitoring YP’s.
- NSWC Corona is standing by for requirements to outfit the 676 class ships at USNA. NSWC Corona is working with PMS325 to set requirements and generate cost proposal.
YP Replay consists of 3 simultaneous video channel recordings
USNA Replay Tool YP 705
Demonstration Report Oct 2016

YP 703 Class NOW! Has RPM data on the Raytheon Nautoconning Data Network
Video recordings are automatically uploaded to laptop within minutes for debriefing
Special Thank You to all that made it happen

- A special thank you to the NSA office and to the YP 705 crew who helped demonstrate the success of the ship handling tool (Lieutenant Jake Zercher, BMC Johnson, ET1 Brown, BMSN Peyser), and the following who made it happen: Resource Sponsor N96 (Craig Fajardin and Erica Plath), PMS339 (Tim O’Reilly, Ira Hutchinson, and Tom Conlon), PMS325 (Jim McGinty, Colin Foster, Darrin Shope, and Dan Shimooka), and NSWC Corona (CAPT Steve Murray, Peter Solis, Fidel Castillo, and Jaime Alonso)

Pictured on day of demonstration: PMS 325 (Colin Foster, Jim McGinty, and Darrin Shope)
NSWC Corona Division (Fidel Castillo, Jaime Alonso, and Peter Solis) NSA (LT Jake Zercher)