

Navy 25.4 Release 1 – Catapult Challenge

Ask Me Anything, Questions & Answers

N254-C04, Modular Alternate Navigation Fusion Architecture for High Speed Systems

Updated response, posted 10/25/2024

Questions posted during AMA that require offline response:	
Question:	Answer:
Have new camera systems to replace the RGB Prism Array cameras. These went on the Zumwalt ships. Have these been replaced?	<i>We are unable to comment on any particular systems deployed on Zumwalt.</i>
Questions posted and responded to during AMA:	
Question:	Answer:
Is this just for Zumwalt or for Space Force?	<i>This is Zumwalt and Virginia-class. CPS will be deployed on both Zumwalt and Virginia-class submarines. The TOSA architecture described in the BAA is intended for DoD-wide use.</i>
The SSP topic is to develop TOSA or just merge within something that is already existing?	<i>I would say both on that stance. If there's already something that we can utilize and leverage in order to create or develop TOSA, that's potential there. But I wouldn't say it is limited to either/or. The awardee may develop their own open standard or leverage and extend an existing one.</i>
Question with answer addressed in chat by SSP during the AMA:	
Would a full system (delivery vehicle + Payload) be of interest?	<i>For this topic we are focused on alternative navigation that will integrate with MACH-TB and other flight test vehicles. This might be of interest for other topics in the future though. SSP is not interested in test vehicles at this time.</i>