HMS SeaBots
Harrington Middle School, Mt. Laurel, NJ 08054 U.S.A.

➤ First year Ranger Team  ➤ 8th grade students  ➤ Distance traveled to CA: 2,741.6 miles

Meet HMS Polaris

HMS Ranger Team
Photo credit: M. Barrett

HMS Polaris in Action!
Photo Credit: Krithik

Special Features
➤ Two grippers: One stationary and one dual action gripper (180° rotation)
➤ 4 cameras
➤ Photo mosaic technology
➤ AI Image recognition technology
➤ Vertical profiling float
➤ Variable ballast system

Safety Features
➤ Shrouds with thruster guards
➤ Warning tape on shrouds
➤ Kill switches
➤ In-line fuses
➤ Strain reliefs
➤ Voltage regulator
➤ Watt meter

HMS Polaris Specs
➤ ROV and Travel Cost: $27,816.81
➤ Size: 45cm x 40cm x 44cm
➤ Weight: 4.5kg
➤ Hours to build: 14,960