

What models will Ocean Infinity be do for new searching MH370?

Ocean Infinity will utilize advanced technologies to search for MH370. Their approach involves deploying **multiple Autonomous Underwater Vehicles (AUVs)**, capable of operating in water depths ranging from 5 meters to 6,000 meters. These AUVs are "free flying," meaning they won't be tethered to the offshore vessel during operations, allowing them to collect higher-quality data ¹.

The AUVs will be equipped with various sensors and technologies, including:

- **Side Scan Sonar:** to create detailed images of the seafloor
- **Multi-beam Echosounder:** to map the seafloor topography
- **Sub-bottom Profiler:** to penetrate the seafloor and gather data on subsurface features
- **HD Camera:** to capture high-definition images of the seafloor
- **Conductivity/Temperature/Depth Sensor:** to collect data on water properties
- **Self-compensating Magnetometer:** to detect and map magnetic fields
- **Synthetic Aperture Sonar:** to create high-resolution images of the seafloor
- **Turbidity Sensor:** to measure water clarity

Ocean Infinity's search will focus on the zone identified by the Australian Transport Safety Bureau, with the vessel **Seabed Constructor** initially being used, and later the **Armada 78 06**, a compact survey ship designed for low-crew operations ^{2 1}.



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