



# Hidden Gem

World's first fully operational deep-sea mineral collection vessel with custom-engineered seabed-to-surface mineral collection and transport system.

## Specifications

Length overall	228 m
Breadth	42 m
Operational draught	13 m
Air draught	120 m
Installed power	43,740 kW
Maximum speed	12 knots
Accommodation	140 persons
Thrusters	6 x 4500 kW
Equipment	<ul style="list-style-type: none"> <li>• Tracked robotic mineral collector</li> <li>• Launch and recovery system</li> <li>• 5000 m power and control umbilical</li> <li>• 4300 m riser + 500 m flexible jumper</li> <li>• Mineral storage hold</li> </ul>

## Specials

- ▲ Deep-sea collection system to recover polymetallic nodules from ocean floor and lift them to the surface
- ▲ Integrated launch and recovery system for over-the-side deployment of robotic collector vehicle
- ▲ At-sea deployment of 4.3 km riser through moon pool to transport nodules
- ▲ Remotely operated collector vehicle in parallel motion with vessel's dynamic positioning system
- ▲ First vessel to successfully recover polymetallic nodules from the abyssal plain using integrated collector and riser and lift system