

Table Summary of Available Facilities

This table summarizes facilities available for installing or maintaining long-term deep seafloor observatories. More detailed information and updates can be obtained from the websites shown below.

Submersible	Depth rating	Type	Payload	Mother vessel	Owner/operator
ROPOS	5000m	ROV		opportunity	Canada CSSF ¹
Shinkai 2000	2000m	manned	100 kg in air	R/V Natsushima	Japan JAMSTEC ²
Shinkai 6500	6500m	manned	200 kg in air	R/V Yokosuka	Japan JAMSTEC
Kaiko	11000m	ROV	150 kg in air	R/V Kairei	Japan JAMSTEC
Dolphin3K	3000m	ROV	150 kg in air	R/V Natsushima	Japan JAMSTEC
HyperDolphin	3000m	ROV	100 kg in water	R/V Kaiyo	Japan JAMSTEC
Nautile	6000m	manned	200 kg	R/Vs Nadir/ l'Atalante	France IFREMER ³
Cyana	3000m	manned	50 kg		France IFREMER
VICTOR6000	6000m	ROV		R/Vs l'Atalante/ La Thalassa	France IFREMER
Tiburón	4000m	ROV		R/V Western Flyer	U.S. MBARI ⁴
Ventana	2300m cable	ROV			U.S. MBARI
PISCES V	6580ft	manned	600lbs.		U.S. NOAA/U. Hawaii HURL ⁵
Wireline Reentry System	6000m	Wireline reentry	5 ton	opportunity	U.S. SIO ⁶
ALVIN	4500m	manned	250lbs.	R/V Atlantis	U.S. WHOI ⁷
Jason	6000m	ROV	50 kg	opportunity	U.S. WHOI

1 see <http://www.ropos.com>

2 see <http://www.jamstec.go.jp>

3 see <http://www.ifremer.fr/fleet>

4 see <http://www.mbari.org/dmo>

5 see <http://www.spest.hawaii.edu/HURL>

6 see <http://www-mpl.uscd.edu/>

7 see <http://www.marine.whoi.edu/ships/>