

Ocean Facilities Exchange Group, OFEG

Platform Summary Description

Platform: R/V POSEIDON

Type: multipurpose research vessel

Class: ocean

Barter points per day: 6

Platform summary description

Crew	Master 2 nautical officers	Chief 2 techn. officers, 1 motorman	Boatswain 5 AB	1 Cook 1 Steward
	System operator: no	Electronician: no		
Science support by crew	deck's crew: 24 h	deck's crew for heavy gear: 10 h, daytime;	system operator: not available	electronician not available
Scientific crew	10+1 spare, 6 cabins	PS +1 spare	1 single	4 double
Positioning	DP: no	bow thruster Becker rudder	GPS ECDIS	
Deck & container space	free deck: 135 m ²	1x20' containers	1x10' container (lashed)	hutch: 37 m ²
Lab space	1 dry lab:	1 chem. lab:	1 wet lab:	1 wet lab:
Winches	10 mm cable, 6000 m (CTD) wire, 1500 m	coring wire, 4000 m fishery, 1500 m	towing cable, 3000 m	CTD 1500 m
Lifting gear (SWL)	crane: 12 m, 50 kN	gantry: 50 kN lift, towing 30 kN	jib-boom, 2.5 m, 250 kN	
Acoustics	single beam 12 kHz, > 5000 m			
Underway data acquisition	navigational	meteorological	TS-graph	single beam sounding, 12 kHz
Mobile Systems on request	multibeam, L3- Elac 1050/ 1180 core cradle, 12 m	75 kHz ADCP	pump, water from 4 m depth	CTD/12 x 10 l Rosette

Remarks:

- (i) no regular technical support for science systems onboard
- (ii) to use mobile systems requires early requests and special information
- (iii) see '*Handbuch FS POSEIDON*' for more details (in German language, web-site)