

R/V AURORA Equipment

Type	Manufacture	Model	Remarks	Rent Price	
Hull mounted sensors					
Multibeam	Reson	Seabat 7125 SV	200/400 khz and water column data	Free	
On-line Sound velocity profiler	Reson	SVP-70	Mounted at Multibeam sensor	Free	
Sub bottom profiler	Innomar	SES-2000 compact	100 kHz parametric ekkosounder	Free	
ADCP	RDI	600 kHz mariner		Free	
Hydrophone for monitoring of propellar noise	Reson	TC-4013	Hydrophone is mounted directly over propellar (starboard or port side). Incl. ES6061 voltage amplifire	Free	
Navigation and software					
Dynamic positioning, DP 0	EMRI	Joystick/DP system	DP station keeping	Free	
GPS/RPH	Applanix	PosMv320		Free	
IMU	Applanix	PosMv320	Inertial Measurements unit, roll pitch and heave	Free	
RTK	Fugro	Marinestar	Worldwide	Free	
Vind, barometric pressure, radiation			RS232 data	Free	
Fish finder echo sounder	Simrad	ES70		Free	
Survey software	Eiva	NaviPac	Survey planning, control and data handling	Free	
Multibeam datacollection	Eiva	NaviScan		Free	
Multibeam dataediting	Eiva	NaviEdit		Free	
Multibeam post processing	Eiva	NaviModel/Plot + S-Can		Free	
PC for Multibeam	Reson	Sonar 7K center	Also used for NaviPac software	Free	
PC for NaviEdit/Model, Innomar	BlueLine	IPC power 6500, i7 CPU, 3,4GHz	Two rack PC	Free	
Server PC	IEI i1155-Q65	i7 CPU, 3,4GHz		Free	
NAS drive	Qnap	TS-421U	6 Tbyte NAS drive, RAID 5	Free	
Scanmar underwater data	Scanmar	Scanbas ver.	Two depth sensors		
Deck equipment					
75 m2 deck with bolt grid (8 x 9.5 m)			bolt distance 0.5 m x 0.5 m, capacity: 3/5 Tonnes SWL for deck mounted equipment	Free	
TMP 13 crane	TMP	13 TM	max length 12 meters (1000 kg SWL), 8 meters (1500 kg SWL) , with 2.5 T SWL winch (25 m cable)	Free	
A-Frame			5 T SWL, 6 meters migration, 5 meters clearange (headroom)	Free	
Winch on A-frame			200 m 8 mm wire 1 T SWL	Free	
Multipurpose winch below deck			2000 m 12 mm dyneema warp, 2,3 T SWL	Free	
Data winch below deck			800 m 12 mm SWL 0.8 T (2 connectors and optical fiber)	Free	
Wireless crane and winch control	Cavotec			Free	
CTD crane in wetlab	TMP		100 meter with 6 connectors (subcon) 0.8 T SWL	Free	
Room for two 20 feet containers				Free	
Lab equipment					
CTD	Seabird		911 salt, temp, oxygen, flursecence, PAR	Free	
Rosette	Seabird		12 X 5 ltr niskin GO bottels	Free	
Vacuum pump in engine room			-0.5 BAR in dry- and wetlab	Free	
Pressurized air			8 BAR in dry- and wetlab	Free	
Salt water			Running salt water in wetlab	Free	
Air intake for compressors			The air-intake is in the mast, connectors in wetlab	Free	
Drills					
Gravity corer			up to 9 meter - 130 mm inner liner	2500/day + transport and liners	
Haps corer				free	
Rumohr corer				free	
Boxcorer			one small and one big	free/2500/day + transport	
Micellaneous					
Seismic equipment			Contact Per Trinhammer: trinhammer@geo.au.dk		
Boomer, streamer, chirp, airgun ect			Contact Per Trinhammer: trinhammer@geo.au.dk		
Simple plankton nets			20-1000 um phytoplankton, zooplankton fish larvae		
trawling equipment					
benthic sledge	Ockelmann				
Scanmar monotoring system	Scanmar		two remote sensors		
Observation post			Protected observation post on monkey island for birds, whales (net, power, comms)		
ROVt 2 D	Eiva	Scanfish Rocio	can be equipped with CTD, 2 D	EIVA priser	
ROVt 3 D	Macartney	Triaxus	Can be equipped with different instruments, 3D		
70" touch screen in mess room	Sharp	PN-L702B			
Wireless net	Cisco	AIR-CAP2602E-E-K9	version 802.11n		
20' lab container				1000/day + transport	
10' -20 deg freezer container				1000/day + transport	
20' empty container				250/day + transport	
Surveyer				TBD - ask for price	