

DECK EQUIPEMENT AND INFRASTRUCTURE

EQUIPEMENT	MODEL OR ALTERNATIVE NAME	LOCATION	DEPLOYMENT OR RESEARCH FIELD
A-FRAME			
10 T	-	PORTSIDE / FOREDECK	
2.5 T	-		
CRANES			
5 T – PORTSIDE FOREDECK	-	PORTSIDE / FOREDECK	CORING / MOORING / NETS / OTHER
5 T – STARBOARD FOREDECK	-	STARBOARD/ FOREDECK	-
5 T – PORTSIDE FLYDECK	-	PORTSIDE FLYDECK	-
5T - STARBOARD FLYDECK		STARBOARD FLYDECK	AUV
OCEANOGRAPHIC WINCHES			
500 HP	HAWBOLDT - HDD140 5954/S	PORTSIDE / FOREDECK	CORING / MOORING / NETS / OTHER
60 HP	HAWBOLDT - SPR 70-3842S	STARBOARD / BOAT DECK	ROSETTE
75 HP - ROSETTE	HAWBOLDT - SPR 4066/S	MOONPOOL	ROSETTE
75 HP - ROV	HAWBOLDT - SPR 3040/S	MOONPOOL	ROV
30 HP (SPARE)	HAWBOLDT - SPR 3040/S	MOBILE	NETS / OTHER
25 HP	BROOKE OCEAN - MVP300-1700-2	AFT	MVP
DEPLOYMENT PLATFORMS			
ROSETTE SHACK AND HANGAR	CT&A AND NAVTECH	STARBOARD / BOAT DECK	ROSETTE
INTERNAL DEPLOYMENT AREA WITH A 75 HP HYDRAULIC UNIT	-	MOONPOOL	ROSETTE / ROV
MVP DEPLOYMENT AREA		AFT / UPPER DECK	MVP
GATE VALVE	-	HULL - COFFERDAM	USBL – UNDERWATER POSITIONING SYSTEM
SCIENCE CONTAINERS			
PORTABLE AFT WET LAB	PAWL	STARBOARD / BOAT DECK	PRIMARY PRODUCTION
PORTABLE ULTRA-CLEAN IN-SITU LAB	PILMS	STARBOARD / BOAT DECK	HG SPECIATION AND CONTAMINANT
RADIOISOTOPE LAB	RADVAN	STARBOARD / BOAT DECK	RADIOISOTOPES
WORKSHOP CONTAINER	WORKSHOP	PORTSIDE / UPPER DECK	MOORING / ZOOPLANKTON / OTHER
METOCEAN CONTAINER	METOCEAN	ROOF OF NAVIGATION DECK	OCEAN - ICE - ATMOSPHERE
PORTABLE ELECTRONIC LAB	PORTABLE ELECTRONIC	STARBOARD / UPPER DECK	METEOROLOGICAL RELAY / GAZ ANALYSES
REFRIGERATED CONTAINERS		STARBOARD / AFT	CORING STORAGE / OTHER
4 CARGO CONTAINERS	CARGOS	FLY DECK	CARGO
AUV CONTAINER	AUV	STARBOARD / FLY DECK	AUV MAINTENANCE
SPECIALIZED LABORATORIES			
ACQUISITION ROOM		NAVIGATION DECK	
SCATTEROMETER		BOAT DECK	
GEO/PALEO		PORTSIDE / UPPER DECK	
BENTHIC		PORTSIDE / UPPER DECK	
-80°C FREEZER ROOM		PORTSIDE / UPPER DECK	
CLEAN LAB		PORTSIDE / UPPER DECK	
TEMPERATURE CONTROLLED LAB		PORTSIDE / UPPER DECK	
TEMPERATURE CONTROLLED LAB		STARBOARD / UPPER DECK	
CHEMISTRY LAB		STARBOARD / UPPER DECK	
AFT FILTRATION LAB		STARBOARD / UPPER DECK	
ROV CONTROL ROOM		PORTSIDE / MAIN DECK	
ZOOPLANKTON LAB		PORTSIDE / MAIN DECK	
FORWARD FILTRATION		STARBOARD / MAIN DECK	
NUTRIENT LAB		STARBOARD / MAIN DECK	
MICROSCOPY LAB		STARBOARD / MAIN DECK	
SALINOMETER & SCINTILLATION COUNTER LAB		STARBOARD / MAIN DECK	
INTERNAL COMMUNICATION SYSTEM			
SHIP DATA SERVER AND INTERNAL COMMUNICATION NETWORK WITH REPEATERS IN EACH CABIN AND LABORATORY			