

NBP
Science Equipment/Systems Allocation
CORING AND BOTTOM SAMPLING

Product	Quantity on Hand
<i>Coring Equipment</i>	
Coring, Jumbo Piston, stern deployment with rail system, max. core length ~40'	1
Bundle Component: JPC rail system	
Bundle Component: Hawbolt Tugger with split drum, configured for coring	
Bundle Component: Head Sheave , App A. coring compliant (Smith Berger Coring or Smith Berger Trawl)	
Bundle Component: Head Weight 2.5 ton	
Bundle Component: UASP Coring Van	
Bundle Component: Cutter Noses (4ea for every 10 deployments)	
Bundle Component: Bail (per head weight, plus spare)	
Bundle Component: Quick Release (minimum two)	
Bundle Component: Core Catchers	
Bundle Component: Barrel Couplers	
Bundle Component: Trigger weight stand	
Bundle Component: Trigger weight, plus spare	
Bundle Component: Trigger Wire (appropriate for barrel length and expected bottom type)	
Bundle Component: Tri-Net Block (trigger wire block)	
Bundle Component: Tugger Winch for Trigger Core deployment	
Bundle Component: Winch DUSH 9-11 with 9/16 wire rope	
Bundle Component: Stern A-Frame Operations	
10ft barrel sections	
10ft core liner sections , Include Piston Core	
10ft core liner sections , Trigger Core liners	
Coring, Jumbo Piston, starboard deployment max. core length ~ 80'	1
Bundle Component: Head Weight Cradle	
Bundle Component: STB Deployment Platform "Hero Platform"	
Bundle Component: Head Sheave , App A. coring compliant QTY 2 (Smith Berger Coring AND/OR Smith Berger Trawl)	
Bundle Component: Turning Block	
Bundle Component: Flagging Block	
Bundle Component: Rail Clamps	
Bundle Component: Head Weight 2.5ton QTY:3	

Bundle Component: UASP Coring Van	
Bundle Component: Cutter Noses (4ea for every 10 deployments)	
Bundle Component: Bail (per head weight, plus spare)	
Bundle Component: Quick Release (minimum two)	
Bundle Component: Core Catchers	
Bundle Component: Barrel Couplers	
Bundle Component: Trigger weight stand	
Bundle Component: Trigger weight, plus spare	
Bundle Component: Trigger Wire (appropriate for barrel length and expected bottom type)	
Bundle Component: Tri-Net Block (trigger wire block)	
Bundle Component: Tugger Winch for Trigger Core deployment	
Bundle Component: Winch DUSH 9-11 with 9/16 wire rope	
Bundle Component: Stern Crane operations	
Bundle Component: Mid Ship Crane operations	
Bundle Component: STB A-Frame Operations	
Bundle Component: Stern A-Frame Operations	
10ft barrel sections	
10ft core liner sections , Piston Core Liner	
10ft core liner sections , Trigger Core Liner	
Coring, Kasten, USAP Standard 3m cores	2
Bundle Component: Head Weight Stand	
Bundle Component: Head Sheave , App A. coring compliant QTY 1 (Smith Berger Coring OR Smith Berger Trawl)	
Bundle Component: Cutter Noses (3ea for every 10 deployments)	
Bundle Component: Slider Weight	
Bundle Component: Barrel Cart	
Bundle Component: Winch DUSH 9-11 with 9/16 wire rope	
Bundle Component: Stern A-Frame Operations	
3 meter barrel	5
6 meter barrel	1
1.5 barrel	1
<i>Dredges - Rock Sampling</i>	
Dredge, chain, large, scallop dredge style	1
Bundle Component: Head Sheave , App A. coring compliant QTY 1 (Smith Berger Coring OR Smith Berger Trawl)	
Bundle Component: Winch DUSH 9-11 with 9/16 wire rope	
Bundle Component: Stern A-Frame Operations	
Dredge, chain, small, scallop dredge style	1

Bundle Component: Head Sheave , App A. coring compliant QTY 1 (Smith Berger Coring OR Smith Berger Trawl)	
Bundle Component: Winch DUSH 9-11 with 9/16 wire rope	
Bundle Component: Stern A-Frame Operations	
Dredge, SIO style Deep Sea Rock Dredge	3
Bundle Component: Head Sheave , App A. coring compliant QTY 1 (Smith Berger Coring OR Smith Berger Trawl)	
Bundle Component: Winch DUSH 9-11 with 9/16 wire rope	
Bundle Component: Stern A-Frame Operations	
Dredge, USAP Improved Basket Dredge	2
Bundle Component: Head Sheave , App A. coring compliant QTY 1 (Smith Berger Coring OR Smith Berger Trawl)	
Bundle Component: Winch DUSH 9-11 with 9/16 wire rope	
Bundle Component: Stern A-Frame Operations	
Dredge, USGS Ring Style Dredge	2
Bundle Component: Head Sheave , App A. coring compliant QTY 1 (Smith Berger Coring OR Smith Berger Trawl)	
Bundle Component: Winch DUSH 9-11 with 9/16 wire rope	
Bundle Component: Stern A-Frame Operations	
<i>Epibenthic Sled</i>	
Epibenthic Sled, for sampling benthic and benthopelagic faunas	1
Bundle Component: Head Sheave - wire appropriate	
Bundle Component: Winch DUSH 9-11 with 9/16 wire rope	
Bundle Component: Stern A-Frame Operations	
net, 1000um mesh size	1
net, 363um mesh size	1
net, 500um mesh size	1
Sample Collection Bucket, Detachable, 10cm diameter, 1000um mesh size	1
Sample Collection Bucket, Detachable, 10cm diameter, 363um mesh size	1
Sample Collection Bucket, Detachable, 10cm diameter, 500um mesh size	1
<i>Sediment Sampling Equipment</i>	
Sediment sampling, Box Corer, Ocean Instruments BX-650, (0.25 sq M surface), for sediment surface sampling	1
Bundle Component: Head Sheave - wire appropriate	
Bundle Component: Sapre Spades QTY 3	
Bundle Component: Sapre Spades QTY 3	

Bundle Component: Box Trolley QTY 3	
Bundle Component: Trigger wire QTY 3	
Bundle Component: Winch DUSH 9-11 with 9/16 wire rope	
Bundle Component: Stern A-Frame Operations	
<u>Sediment sampling, Mega Corer (Bowers & Connelly), max. 12 ea. 10cm diameter core tubes, for sampling undisturbed sediment surface. See complete description.</u>	1
Bundle Component: Head Sheave - wire appropriate	
Bundle Component: Palate Jack Compatible Core Base	
Bundle Component: Mega Core Spares Tote	
Coring Heads(multiples of 4) max 12	
Coring tubes 10cm dia (not archive tubes)	
Bundle Component: Winch DUSH 9-11 with 9/16 wire rope	
Bundle Component: Stern A-Frame Operations	
Sediment sampling, Smith-MacIntyre grab, surface area approx. 13" L x 13" W, with stand	3
Bundle Component: Head Sheave - wire appropriate	
Bundle Component: Winch DUSH5-5 with 5/16" wire rope	
Bundle Component: STB A-Frame Operations	