

VII. Scientific Equipment

Section VII lists additions and deletions to the principal scientific equipment available at McMurdo, South Pole, and Palmer stations and onboard USAP research vessels.

ADDITIONS

	<u>McMurdo</u>	<u>SPole</u>	<u>Palmer</u>	<u>LMG¹</u>	<u>NBP²</u>	<u>AGO³</u>
Astrophysics Aeronomy						
Antenna, VLF Loop						X
Camera, All-Sky						X
Chromatography, High Performance Liquid System (HPLC)	X					
Data Acquisition Unit (DAU)			X			
Dewar, Liquid Helium Storage				X	X	
Dewar, Liquid Nitrogen Storage			X			
Dewar, Liquid Nitrogen Storage, 4 ea., 16 liter				X	X	
Filtration Apparatus, Membrane	X					
Ice Maker	X		X			
Incubator, Percival	X					
Magnetometer						X
Receiving System, VLF						X
Thermal Electric Generator (TEG)						X
Time Domain Reflectometer					X	
Uninterrupted Power Supply (UPS)				X	X	
Water Chiller					X	

	<u>McMurdo</u>	<u>SPole</u>	<u>Palmer</u>	<u>LMG¹</u>	<u>NBP²</u>	<u>AGO³</u>
Biology						
Camera, Still, Underwater				X	X	
Camera, Video, for Microscopy			X			
Counter, Liquid Scintillation	X					
Data Acquisition System						X
Deck Unit/Transducer			X			
Ice Maker (Dry Ice)					X	
Incubator, Percival			X			
Sediment Trap	X					
Computers						
<u>MacIntosh:</u>						
Computer, G3			X			
Computer, Desktop, Pentium	X					
<u>PCs:</u>						
Computer, Portable, 586			X			
Computer, Server, 586			X			
<u>Workstation:</u>						
Sun SPARC 10			X			
Geology/Geophysics						
Echo sounder, Knudsen, Sub-bottom Profiler					X	
Petrographic Scope	X					
Geomagnetism						
Antennas, Dipole					X	X
Gradiometer, Magnetic-towed					X	

	<u>McMurdo</u>	<u>SPole</u>	<u>Palmer</u>	<u>LMG</u> ¹	<u>NBP</u> ²	<u>AGO</u> ³
Oceanography/Limnology						
Fluorometer, Flow-through	X		X			
Isotope Van			X			
Transmissometer			X		X	
Other						
Handheld Global Positioning System					X	

1 = R/V LAURENCE M. GOULD

2 = R/V NATHANIEL B. PALMER

3 = AUTOMATED GEOPHYSICAL OBSERVATORY

DELETIONS

	<u>McMurdo</u>	<u>SPole</u>	<u>Palmer</u>	<u>LMG</u> ¹	<u>NBP</u> ²	<u>AGO</u> ³
Astrophysics Aeronomy						
Oscilloscope			X			
Biology						
Auto analyzer			X			
Counter, Particle			X			
Electrocardiograph			X			
Freezer, Walk-in					X	
Oscilloscope			X			
Oxygen-Analyzing System			X			
Geology/Geophysics						
X-ray Instrument, Diffraction	X					

Computers						
<u>MacIntosh:</u>						
Computer, Desktop, IICI			X			
Computer, Portable, Powerbook, 170			X			
<u>PC:</u>						
Computer, Desktop, XT			X			
Computer, Desktop, 286			X			
Computer, Desktop, 386			X			
Computer, Portable, 386			X			
Computer, Server, 486			X			
Oceanography/Limnology						
Acoustic Release with Surface Command Unit			X			

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