

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
Leak Detection and Vacuum Pump Equipment	X		X			
LIDAR						X
Magnetometer, Three Component Air Core Induction		X				X
Magnetometer, Three Axis Fluxgate						X
Oscilloscope						X
Power Supply Controller (PSC)						X
Pump, Turbomolecular			X			
Receiving System, VLF		X				X
Riometers, 30 & 50 MHz						X
Transport, Liquid Helium (program-owned)		X				
Uninterrupted Power Supply (UPS)				X	X	
Biology						
Chromatography, High Performance Liquid System (HPLC)					X	

	<u>McMurdo</u>	<u>SPole</u>	<u>Palmer</u>	<u>LMG¹</u>	<u>NBP²</u>	<u>AGO³</u>
Dewar, Liquid Nitrogen Storage		X				
Ice Maker	X				X	
Incubator, Percival	X					
Pump, Vacuum		X				
Receiver, VHF Radio		X				
Spectroradiometer		X				
Spectrophotometer, Diode Array			X			
Thermometer, Digital		X				
Computers						
<u>MacIntosh:</u>						
Computer, Desktop, Pentium	X					
Computer, G3			X		X	
Computer, G4	X					
<u>PC:</u>						
Computer, Desktop Pentium		X				
Computer, Portable, 486						X
Computer, Portable, 586			X	X	X	X
<u>Workstation:</u>						
SGI 02				X		
Sun SPARC 5	X					
Sun Ultra 10	X					
Miscellaneous						
CDRom, -R		X				
CD Writer		X		X	X	
Digitizer - Scanner			X			
JAZ Drive	X					
Plotter, Ink Jet, Color	X					

	<u>McMurdo</u>	<u>SPole</u>	<u>Palmer</u>	<u>LMG¹</u>	<u>NBP²</u>	<u>AGO³</u>
Storage Computers (CAGOSTO)						X
Zip Drive						X
Geology/Geophysics						
Global Positioning System	X	X	X	X	X	X
Jack Hammer			X			
Petrographic Scope	X					
Glaciology						
Ice Auger, Kovacs					X	
Meteorology						
Helium ISO Module	X	X				
Lhe Vapor Recovery System		X				
Temperature Thermometers						X
Pressure Indicators						X
Pygeometers				X	X	
Pyranometer				X		
Weather Station		X				
Wind Anemometers						X
Wind Indicators						X
Wind System and Recorder with Transmitter		X				
Oceanography/Limnology						
Winch, Portable Hand						X
Seismology						
IRIS System						X

	<u>McMurdo</u>	<u>SPole</u>	<u>Palmer</u>	<u>LMG</u> ¹	<u>NBP</u> ²	<u>AGO</u> ³
Other						
Cryogen Vaporizer		X				
Data link, Satellite						X
Frequency Counter		X		X		
Handheld Global Positioning System				X	X	
Nitrogen Generator		X				
Projector, Video		X				
Scanner				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						
Nitrogen Liquifier	X	X				
Biology						
Camera, Still, Underwater						X
Counter, Liquid Scintillation						X
Counter, Particle			X			
Cryostat	X					
Melter, Ice Hole					X	
Video System, Underwater					X	

	<u>McMurdo</u>	<u>Spole</u>	<u>Palmer</u>	<u>LMG</u> ¹	<u>NBP</u> ²	<u>AGO</u> ³
Computers						
<u>Mini:</u>						
DEC Microvax	X	X				
DEC PDP-II	X	X				
DEC PDP-II-73		X				
<u>PC:</u>						
Computer, Desktop, XT	X	X				
Computer, Desktop, 286	X	X		X		
Computer, Desktop, 386				X	X	
Computer, Portable, 286	X					
Computer, Portable, 386					X	
Computer, Server, 486	X					
<u>Workstation:</u>						
SGI Iris	X					
SPARC IPX	X					
Sun U450	X					
Sun Ultra2	X					
Miscellaneous						
CDRom – Reader	X					
Computer Interface	X					
Plotter, Ink Jet, Monochrome	X			X	X	
Geology/Geophysics						
Chronology Clock				X	X	
X-ray Instrument, Diffraction	X					
Geomagnetism						
Magnetometer, Portable					X	

	<u>McMurdo</u>	<u>Spole</u>	<u>Palmer</u>	<u>LMG</u> ¹	<u>NBP</u> ²	<u>AGO</u> ³
Time Standard				X	X	
Oceanography/Limnology						
Gradiometer, Magnetic					X	
The Vapor Recovery System		X				
Magnetometers	X				X	
Seismic Systems, Single and Multi-Channel					X	
Seismology						
Receiver, GPS				X	X	
Other						
Global Positioning System	X	X	X	X	X	
Transceivers, Satellite, ATS-3				X		
Video Camcorder						X

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