

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						
Thermal Electric Generator (TEG)						X
Biology						
Analyzer, Carbon/Nitrogen/Sulfur			X			
Bath, Water, Shaking				X		
Centrifuge, 20K RPM				X		
Chart Recorder, Three Channel				X		
Chromatography, High Performance Liquid System (HPLC)				X		
Collector, Fraction				X		
Cryostat		X				
Data Acquisition System		X				
Deck Unit/Transducer			X			
Electrophoresis Equipment				X		
Photosynthesis System			X			
Phototrans illuminator				X		
Thermocycler, PCR				X		
Ultracentrifuge				X		
VCR, High Resolution			X			

	<u>McMurdo</u>	<u>SPole</u>	<u>Palmer</u>	<u>LMG</u> ¹	<u>NBP</u> ²	<u>AGO</u> ³
Environmental Monitoring						
Sampler, Air, Hi-Vol.		X				
Geology/Geophysics						
Ball Mill			X			
Jack Hammer			X			
Meteorology						
Laser Ceilometer			X			
Transmitters, PTT			X			
Weather System			X			
Oceanography/Limnology						
Echo Sounder, Biosonics Acoustic Profiler				X		
Seismology						
Other						
Frequency Counter			X			
Resistors and Capacitors, Decade			X			

DELETIONS

	<u>McMurdo</u>	<u>SPole</u>	<u>Palmer</u>	<u>LMG</u> ¹	<u>NBP</u> ²	<u>AGO</u> ³
Astrophysics Aeronomy						
Chart Recorder, Eight Channel		X				
Biology						
Bath, Water, Shaking			X			
Calorimeter			X			
Collector, Fraction			X			
Colorimeter			X			
Dry Ice Maker			X			
Hood, Portable Fume Absorber			X			
Luminometer			X			
Meter, Microoxygen			X			
Meter, Oxygen			X			
Microscope, Inverted, Epifluorescence			X			
Osmometer, Vapor Pressure			X			
Respirometer, Gilson			X			
Spectrophotometer, Diode Array			X			
Stage, Cooling, Microscope			X			
Thermocycler			X			
Thermocycler, PCR			X			
Geology & Geophysics						
Microscopes, Petrographic			X			
Geomagnetism						
Magnetometer, Portable		X				
Magnetometer, Visible Recording			X			

	<u>McMurdo</u>	<u>SPole</u>	<u>Palmer</u>	<u>LMG</u> ¹	<u>NBP</u> ²	<u>AGO</u> ³
Meteorology						
Laser Ceilometer		X				
Oceanography/Limnology						
Niskin Bottle			X			
Salinometer			X			

1 = *RV Laurence M. Gould*

2 = *RV Nathaniel B. Palmer*

3 = Automated Geophysical Observatory