

## 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>LMG</u> <sup>1</sup>	<u>NBP</u> <sup>2</sup>	<u>AGO</u> <sup>3</sup>
<b>Astrophysics Aeronomy</b>						
Antenna, VLF Loop	X					
Camera, All-Sky	X					
Chromatography, High Performance Liquid System (HPLC)	X					
Leak Detection and Vacuum Pump Equipment	X					
Photometer, Auroral	X					
Power Conditioner	X					
<b>Biology</b>						
Centrifuge, Refrigerator				X	X	
Chromatography, Gas, System					X	
Hi-Vacuum System		X				
Ice Maker	X	X				
Ice Maker (dry ice)	X					
Meter, Oxygen		X				
Pump, Vacuum		X				
Thermocycler, PCR					X	

	<u>McMurdo</u>	<u>SPole</u>	<u>Palmer</u>	<u>LMG</u> <sup>1</sup>	<u>NBP</u> <sup>2</sup>	<u>AGO</u> <sup>3</sup>
<b>Meteorology</b>						
Pressure Indicators	X					
Recorder, Four-Channel	X					
<b>Oceanography/Limnology</b>						
Hood Laminar Flow, Portable				X		
Garage/Clean Laboratory Van				X		
<b>Other</b>						
Cryogen Vaporizer		X				

**DELETIONS**

	<u>McMurdo</u>	<u>SPole</u>	<u>Palmer</u>	<u>LMG</u> <sup>1</sup>	<u>NBP</u> <sup>2</sup>	<u>AGO</u> <sup>3</sup>
<b>Astrophysics Aeronomy</b>						
Transport, Liquid Nitrogen		X				
<b>Biology</b>						
Centrifuge, Refrigerated Speed Vac				X	X	
Dry Ice Maker				X		
Dry Shippers, Liquid Nitrogen		X				
Ice Maker (dry ice)					X	
Spectrophotofluorometer				X		
Thermocycler, PCR				X		

1 = R/V Laurence M. Gould

2 = R/V Nathaniel B. Palmer

3 = Automated Geophysical Observatory