

Lab manual Summary - Curation

Lab	Curation					
	Document Name/Title/Number	Source	Publication Date (if any)	Associated Instrument(s)	Associated Measurement(s)	Comments
	JANUS/ JRS User's Guide	ODP		database and JANUS applications		hard copy of web documents published by IS
	Acetate Peels	ODP				how-to guide
	The Gate User's Guide	ODP		Gate (Curation program)		Gate is the JANUS Curation replacement
	Curatorial Cookbook	ODP	in constant revision			In update stage, collection of notes and instructions for curators,

Lab Manual Summary - DHML

Lab	Downhole Measurement						
	Document Name/Title/Number	Source	Type	Revision No. Publication Date (if any)	Associated Instrument's	Associated Measurement's	Comments
	APC Adara Tool	In House/ various	Hardware/ everything	Rev. 20 Jan 01	Data Acquisition of APC temp tool	Temperature	
	Misc Manuals	In-House	Hardware	Rev. 20 Jan 01	Kuster Tool, APC Methane Tool, Therm Con reprints, LANL Water tool, WSTP Loggers	Temperature & water	
	Logging Reprints	In-House	Reprint Collection	?	?	logging basics	
	DVTP & 2P Working Manual	In-House	Hardware/ everything on tool	Rev. 20 Jan 01	Davis Villingger Temp probe also with pressure	Temperature & pressure	
	National Instruments Manual	National Instrumts	software reference manual	v4.1 10/1991	comp board	dac	
	Data Acquisition Manual	National Instrumts	software reference manual	Sep-91	PC-DIO-24 board	dac	
	Blue Notebooks (2)	In House	Tech Notes	on going	all	all	These are the Tech notes from Chris Nugent and Sandy Dillard
	Leg Summaries	In House	tech reports & data sheets	on going	all	all	These are for the following legs: 146, 148, 149, 150, 151, 153, 155, 156&7, 161, 162, 164, 166, 167, 168, 169, 170, 171B, 172, 175, 185, 186, 190, 191-195, 200

Lab: Chemistry Lab							
Document Name/Title/Number	Source	Type	Revision No. Publication Date (if any)	Associated Instrument(s)	Associated Measurement(s)	Comments	
Metrohm 702 SM Titrino Instructions for use	metrohm	hardware	p/n 8.702.1013				
Instructions for the Parr General Purpose Pressure Vessel	Parr	hardware	manual 186, 1982	?	n/a		
Jun-Air Compressor Binder: Jun-Air Compressor; Signal AS80 Air Purifier Manual	Jun-Air; Signal	hardware	Jun-Air n/a; Signal, May 1986	Air compressor and purifier: provides treated air for gas chromatographs and CHNS elemental analyzer	n/a	Jun-Air 12-20: ODP 03934; Signal AS80 Air Purifier: ODP 02484	
LabVIEW Basics Course Manual	National Instruments	software	p/n 320628D-01, May 1997	Alkalinity/pH system	alkalinity, pH		
Alk/pH Equipment and Electrodes Binder: Lauda Refrigerating Circulator Model RMS-6 Instruction Manual; Electrodes literature; Brinkmann 655 Dosimat schematics; catalogs of electrodes	Metrohm; Brinkmann	hardware	n/a	Alkalinity/pH system (Metrohm 655 Dosimat, electrodes, Lauda water recirculator)	alkalinity, pH		
Metrohm 665 Dosimat Instructions for use	Metrohm	hardware	p/n 8.665.1013	Alkalinity/pH system; 665 Dosimats	alkalinity, pH, chlorinity		
Balance Manual Binder	in-house	hardware, software	Leg 179, Leg 148	Cahn balances	weights	contains explanation of motion compensated balance systems (ODP and DSDP)	
Cahn 28/29 Automatic Electrobalance W/ RS232 Output (Owner's Manual)	Cahn Instruments, Inc.	hardware	n/a	Cahn balances	weights		
Cahn Instruction Manual	Cahn Instruments, Inc.	hardware	Rev. 6/90	Cahn balances	weights		
Carver Presses Binder: Carver Motorpak Series Automatic Hydraulic Presses Operation, Installation and Maintenance Manual	Carver, Inc.	hardware	p/n 2759.MOTORPAK, Revision 1; 7/22/1996	Carver Presses	n/a		
Carlo Erba Instruments Nitrogen Analyzer Instruction Manual	Carlo Erba Instruments	hardware	copy 1, 10/1986; copy 2, 7/1988	CNHS	Carbon, nitrogen, hydrogen and sulfur		
Carlo Erba Nitrogen Analyzer 1500 Schematics Envelope	Carlo Erba Instruments	hardware	n/a	CNHS	Carbon, nitrogen, hydrogen and sulfur	contains instrument schematics	

Eager 200 Instruction Manual (and software)	Carlo Erba Instruments	software	Version 2.02 (software)	CNHS	Carbon, nitrogen, hydrogen and sulfur	
NCHS Eager200 Software Instruction Binder	Carlo Erba Instruments	software	Jan-90	CNHS	Carbon, nitrogen, hydrogen and sulfur	
NCHS Example Runs Binder	in-house	data	n/a	CNHS	Carbon, nitrogen, hydrogen and sulfur	blanks, MRG-1 All 92, G-224, samples from Leg 142
NCHS Instrument Setup Notebook Binder	in-house	hardware, software, data	n/a	CNHS	Carbon, nitrogen, hydrogen and sulfur	contains troubleshooting notes, example runs, standard info and supplies information
NCHS Reference Papers & Memos Binder	in-house, scientific journals	hardware	n/a	CNHS	Carbon, nitrogen, hydrogen and sulfur	
Coulometer Cookbook Binder	in-house, Coulometrics.	hardware, software	notes from Leg 144, user guide 7/22/1996	coulometer	n/a	
Coulometer: Original Manual & Misc. Binder	in-house, Coulometrics.	hardware	instruction manual, 1985	coulometer	n/a	contains instruction manuals for misc. components
Dionex DX-120 Ion Chromatograph Operator's Manual	Dionex	hardware	Document No. 031183, Revision 02; March 1997	DX-120 Ion Chromatograph	Sulfate, chloride, calcium, sodium, potassium, and magnesium.	DX-120 IC is ODP 04995
Dionex DXP Pump Operator's Manual	Dionex	hardware	Document No. 034437, Release 01; May 1991	DX-120 Ion Chromatograph	n/a	
Dionex Misc. Binder	Dionex/In-house	hardware	n/a	DX-120 Ion Chromatograph	n/a	Misc. application notes and papers associated with Dionex columns and suppressors.
Dionex PeakNet Software Media Binder	Dionex	software	8-Aug-97	DX-120 Ion Chromatograph	n/a	PeakNet version 5.01

Dionex PeakNet Software User's Guide	Dionex	software	Document No. 03914, Revision 07; June 1997	DX-120 Ion Chromatograph	n/a	PeakNet version 5.01
DX Columns and SRS	Dionex/In-house	hardware	n/a	DX-120 Ion Chromatograph	n/a	Column QA reports; column/suppressor documentation.
DX-120 Setup & Example Runs Binder	In-house	hardware/software	n/a	DX-120 Ion Chromatograph	n/a	Setup/cookbook; methods; schedules/templates; examples of runs
SpectraSystem AS3500 Autosampler Field Repair Manual	Thermo Separation Products	hardware	Dec-93	DX-120 Ion Chromatograph, AS3500 Autosampler	n/a	AS3500 is ODP 02470
SpectraSystem AS3500 Autosampler Reference Manual	Thermo Separation Products	hardware	Mar-92	DX-120 Ion Chromatograph, AS3500 Autosampler	n/a	
JANUS User's Manual	In-house	software	Version 18.0	for data entry associated with GC's, RE, CHNS, IW, CARBs.	n/a	
Labconco Freeze Dryer 8 Instruction Manual; Freeze Dryer schematics	Labconco	hardware	Revision E, 1985	Freeze dries samples for coulometer, CHNS	n/a	Freeze Dryer: ODP 01552
Down Hole Contaminants	in-house	data	n/a (Leg 103)	Gas chromatographs	n/a	contains chromatographs of known contaminants
Electronic Pressure Control in Gas Chromatography	Hewlett-Packard	hardware, software	Third printing, 4/1995	Gas chromatographs	n/a	
GC #3 5890/6890 Binder	in-house	hardware	n/a	Gas chromatographs	hydrocarbons	contains methods, example runs, schematics, etc.
GC Calibrations & Std Binder	in-house	reprints	n/a	Gas chromatographs	n/a	lists of standard values
GC Packed and Capillary Columns	in-house	hardware	n/a	Gas chromatographs	hydrocarbons	contains column catalogs and spec sheets
GC2 Std/Analysis	In-house, Hewlett-Packard	hardware	n/a	Gas chromatographs	n/a	

HP 35900B Dual Channel Interface Operating Manual	Hewlett-Packard	hardware, software	Sep-88	Gas chromatographs	n/a	
HP 5890 Series II Gas Chromatograph Service Manual	Hewlett-Packard	hardware	1st edition, 3/1991	Gas chromatographs	n/a	
HP 6890 Series Gas Chromatograph Operating Manual (Volume 1., General Information; Volume 2., Inlets; Volume 3., Detectors)	Hewlett-Packard	hardware	Volume 1.: 2nd edition, 12/97; Volume 2.: 1st edition, 10/96; Volume 3.: 1st edition, 10/96	Gas chromatographs	n/a	
HP 6890 Series Gas Chromatograph Service Manual	Hewlett-Packard	hardware	2nd edition, 5/1997	Gas chromatographs	n/a	
HP 6890 Series Gas Chromatograph Site Preparation and Installation Manual	Hewlett-Packard	hardware	1st edition, 4/98	Gas chromatographs	n/a	
HP 6890 Troubleshooting and Maintenance Student Manual	Hewlett-Packard	hardware	Mar-97	Gas chromatographs	n/a	
HP ChemStation Misc. Binder	In-house, Hewlett-Packard	software	n/a	Gas chromatographs	n/a	contains notes of calibration, methods, HP reprints, etc.
HP ChemStation Revision Upgrade Box Set: Installing Your Data Analysis ChemStation; Installing Your A/D Chemstation; Installing and Understanding Your HP Chemstation; Understanding Your ChemStation	Hewlett-Packard	software	Rev. A.06.01; May, 1998	Gas chromatographs	n/a	
Hydrocarbon Monitoring & Safety Binder	in-house	policy	n/a	Gas chromatographs	hydrocarbons	Safety guidelines, tech notes
Installing Your A/D ChemStation	Hewlett-Packard	software	2nd edition, 11/1995	Gas chromatographs	n/a	For rev 4.01 HP Chemstation
Installing Your GC Chemstation	Hewlett-Packard	software	May-98	Gas chromatographs	n/a	
Installing Your HP Chemstation	Hewlett-Packard	software	May-98	Gas chromatographs	n/a	
Macro Programming Guide	Hewlett-Packard	software	2nd edition, 11/1995	Gas chromatographs	n/a	For rev 4.01 HP Chemstation
Understanding Your ChemStation	Hewlett-Packard	software	3rd edition, 11/1995	Gas chromatographs	n/a	For rev 4.01 HP Chemstation
Using The HP-IB Interface and Command Library with DOS	Hewlett-Packard	hardware, software	2nd edition, 12/1991	Gas chromatographs	n/a	
Valco Valves Binder	in-house, Valco	hardware	n/a	Gas chromatographs	n/a	catalogs, tech notes
HP Automatic Liquid Sampler Operating Manual	Hewlett-Packard	hardware	Oct-95	Gas chromatographs, GC/MSD	n/a	

GC/MSD HPChem On Line Help Binder	In-house, Hewlett-Packard	software	n/a	GC/MSD	n/a	This is a hard copy of the ChemStation on line help file
GC/MSD Leg Notes Binder	In-house	data	Leg 185 to Leg 198	GC/MSD	n/a	
GC/MSD Set Up and Example Runs Binder (Logbook, Methods, etc.)	In-house, Hewlett-Packard	hardware, software, data	n/a	GC/MSD		This binder contains all the pertinent information for the GC/MSD, 6890, and Kayak computer.
HP 5973 Mass Selective Detector Hardware Installation Manual	Hewlett-Packard	hardware	Jan-98	GC/MSD	n/a	
HP 5973 Mass Selective Detector Hardware Manual	Hewlett-Packard	hardware	Aug-96	GC/MSD	n/a	
HP 5973 MSD Hardware Manual Supplement	Hewlett-Packard	hardware	Jan-98	GC/MSD	n/a	
HP 5973 MSD HP 6890 Series GC Quick Reference	Hewlett-Packard	hardware	1st edition, 12/97	GC/MSD	n/a	
HP 7683 Automatic Liquid Sampler Installation Guide	Hewlett-Packard	hardware	Nov-97	GC/MSD	n/a	
HP 7683 Automatic Liquid Sampler Operation Guide	Hewlett-Packard	hardware	Nov-97	GC/MSD	n/a	
HP Automatic Liquid Samplers Sampling Techniques Handbook	Hewlett-Packard	hardware	Nov-97	GC/MSD	n/a	
HP Custom Reports Getting Started	Hewlett-Packard	software	1st edition, 12/97	GC/MSD	n/a	
HP Environmental Software Getting Started	Hewlett-Packard	software	1st edition, 12/97	GC/MSD	n/a	
HP G1032C EnviroQuant Software EnviroForm User's Guide	Hewlett-Packard	software	Jan-95	GC/MSD	n/a	
HP G1701BA Productivity ChemStation Software Installation Manual	Hewlett-Packard	software	1st edition, 12/97	GC/MSD	n/a	
HP GC-MSD ChemStation and Instrument Operation Student Manuals, Volume 1 and 2	Hewlett-Packard	hardware, software (training manual)	Feb-98	GC/MSD	n/a	2 copies of each volume (personal copies left on ship)
HP Monitor 17-inch Color Display User's Guide	Hewlett-Packard	hardware	Rev. 0.2, 6/97	GC/MSD	n/a	
HP59864A and HP59864B Ionization Gauge Controller Instruction Manual	Granville-Phillips for Hewlett-Packard	hardware	Jun-96	GC/MSD	n/a	

HP Service and Support Packet	Hewlett-Packard	software	n/a	GCs using HP Chemstation	n/a	expired 8/14/1997
JANUS in Chemlab Binder	in-house	policy	n/a	GC's, coulometer, RE, CHNS, all IW-associated measurements	misc.	
Microlab 500B/C User's Manual	Hamilton	hardware	Jul-99	Hamilton Microlab 540B Diluter/Dispenser	dilutions for ICP-AES	Microlab 540B is ODP 05969
Microlab 900 Series Diluters/Dispensers Instruction Manual	Hamilton	hardware	(1988?)	Hamilton Microlab 900 Diluter/Dispenser	dilutions for Ion Chromatograph	Microlab 900 is ODP 01650
Hydrogen Generator Binder: Models 9100/9200/9400 Hydrogen Generator Operation Manual; Models 8200/8400 Hydrogen Generator Operation Manual	Packard	hardware	Model 9400: p/n 169-4122, Revision C; 1993 Model 8400: p/n 169-4041, Revision C; 1990	Hydrogen Generators	provides Hydrogen for gas chromatographs	Model 8400: ODP 03527; Model 9400: ODP 02858
Hamilton Microlab 500B/C User's Manual	Hamilton	hardware	Rev. D, 7/1999	ICP	n/a	
ICP Cookbook (In-house) Binder	in-house, JY printouts	hardware, software	n/a	ICP	elemental analysis	contains cookbooks, method printouts, templates
ICP Installation/Setup Binder	Jobin Yvon	hardware	n/a	ICP	elemental analysis	
ICP Instrument Manuals Binder (Final Control Report; User Manual; Image Navigator User Manual; Sampler AS421 User's Manual; Schematics)	Jobin Yvon	hardware, software	n/a	ICP	elemental analysis	
ICP Reprints Binder	scientific journals	data	n/a	ICP	elemental analysis	
ICP Software V4.09 Binder (User Manual)	Jobin Yvon	software	Mar-92	ICP	elemental analysis	contains User Manual and hard copies of set-up screens
ICP Software V5.1 Binder (User Manual)	Jobin Yvon	software	n/a	ICP	elemental analysis	contains printout of online help file and quick reference manual
ICP Standards Cert./MSDS Binder	misc.	data	n/a	ICP	elemental analysis	contains certifications for standards and MSDS's

ICP Technotes, Software Notes, Concepts, Spreadsheets, Etc. Binder	in-house	hardware, software, data, reprints	n/a	ICP	elemental analysis	contains ODP Technical Note 29, software notes, Rick Murray's spreadsheets, principles of method, ICP notes
JY Service Manual	Jobin Yvon	hardware	Version 1.0	ICP	elemental analysis	
Gas Leak Detector Binder: Leak Hunter User Manual; Bullard Fixed Combustable Gas Detection Instruments Installation and Operation Manual; Gow-Mac Gas Leak Detector Operating Manual	Matheson; Bullard Environmental Instruments; Gow-Mac Instruments, Inc.	hardware	Matheson p/n 96301; Bullard p/n 1040P/C-R276/500; Gow-Mac n/a	Matheson (portable) leak detector; fixed gas detector system	n/a (safety monitoring and leak detection)	Matheson Leak Hunter: ODP 02659; other gas detectors not in use (?)
Misc. Manual/Instructions Binder: Sealboy 235; Desiccant Dryer Instruction Sheet; Cartridge Gas Purification Systems; Aerogard Velocity Alarm Installation and Operation Information; Airco Two-Stage regulators Installation, Operation and Maintenance; Alltech Oxy-trap data sheet; Alltech Direct Reading Flow-Check (Bubble meter); American Scientific Products Multi-Blok Module Heater Operation Manual; Eppendorf Pipette Instruction manuals; Dustbuster Operating Manual; Black Box Co. Switch Box data sheet; Brinkmann Dispensette Operating Manual; Corning Stirrer/Hot Plates Instruction manual; Electro-technic High Frequency Generator (Leak Detector) Operating Instructions; Electromantle Operating Instructions; Fisher Ultrasonic Cleaner Owner & Operator's Manual; Fluke 8020B Digital Multimeter Operator Guide and Instruction Manual; HP Moisture Trap data sheet; HP Laboratory Automation Systems data sheet; HP 3393A BASIC Program Applications User's Library; HP Chemical Trap Instruction sheet; Ives-Way Automatic Can Sealer Operating Instructions and Parts List; Fisher Fire Blanket data sheet.	misc.	hardware	misc.	misc. (gas chromatographs, extractions, safety, other)	n/a	

Misc. Manual/Instructions Binder II: Jun-Air Compressor; Holiday Refrigerator Use and Care guide; Labconco valves instruction sheet; Labconco Fume Adsorber instruction manual; Labindustries Repipet instructions; Matheson Manual for Manifolds; Matheson Manual for Economy/General Purpose Regulators; Phillips/Magnavox CD Changer Owner's Manual; Nalgene Filter Holder instructions; Ohaus Cent-O-Gram Balance Directions for Use and Maintenance; Oxford Micropipetting Systems Operating Instructions; Reichert Automatic Temperature Compensated Hand Refractometer Instructions; Wolsk Alarms Methane Detector operating procedures; Wheaton Hand Crimper diagram	misc.	hardware	misc.	misc. (safety, lab instruments, other)	n/a	
Basic Organic Chemistry Binder	ChromaSkills	data	n/a	n/a	n/a	Training class manual
Chem Tech Manual Binder	in-house	policy	n/a	n/a	n/a	contains tech notes, cookbooks, guidelines, sampling policies
FileMaker Pro User's Guide	Clarisc	software	Version 3.0	n/a	n/a	For Macintosh
Hydrates/Clathrates Reprints Binder	scientific journals	data, reprints	n/a	n/a	n/a	contains misc. reprints of journals pertaining to hydrates and clathrates
Inorganic Reprints Black Binder	scientific journals	reprints	n/a	n/a	n/a	
Inorganic Reprints Red Binder	scientific journals	reprints	n/a	n/a	n/a	
Ketone Analysis Leg 108 Binder	In-house	reprints	n/a (Leg 108)	n/a	ketone analysis	Notes and results from Leg 108 Ketone analysis
Organic Reprints Large Binder	scientific journals	reprints	n/a	n/a	n/a	
Organic Reprints Small Binder	scientific journals	reprints	n/a	n/a	n/a	
Preliminary Water & Wet Chemistry Binder	in-house, scientific journals	policy, reprints	n/a	n/a	n/a	contains methods, reprints and notes pertaining to wet chemistry

Published Values Binder	misc.	data, reprints	n/a	n/a	n/a	contains Certificates of Analysis and specs for standard reference materials
Binder for Barnstead Water Purification System: Contains operational manuals, schematics, and parts lists	Barnstead	hardware	NANOpure: 11/5/1993; Ropure ST: 6/3/1992; Ropure System: 3/1984; 100 Liter Tanks: 4/1984	NANOpure ultrapure water system, Ropure ST reverse osmosis system, Ropure system, and 100 liter tank	provides ultrapure water for chem lab use	NANOpure system: ODP 03098; Ropure ST system: ODP 02814
Natural Gas Analyzer 5890 Binder	in-house	hardware	n/a	NGA	hydrocarbons	contains methods, example runs, schematics, etc.
Natural Gas Analyzer 6890 Binder	in-house	hardware	n/a	NGA	hydrocarbons	contains literature, example runs, schematics, etc.
Panasonic KX-P1124i Impact Dot Matrix Printer Operating Instructions	Panasonic	hardware	n/a	Panasonic printer, used with CNHS	n/a	
RE Misc.: Box Set of RE Schematics, Tech Notes, Troubleshooting Manual, Tech Notes and schematics, Applications Reprint, TCD Sensor Notes	In-house, Humble, scientific journals, reprints	hardware	n/a	Rock Eval	n/a	
Rock Eval Binder	in-house, Humble	hardware	n/a	Rock Eval	n/a	contains schematics, training notes, EPROM manual, training manual, technical manual
Rock Eval Delsi Instruments Binder	Delsi Instruments	hardware	n/a	Rock Eval	n/a	contains schematics, EPROM manual, troubleshooting guide

		in-house, Humble	hardware	n/a		Rock Eval	n/a	contains operations cookbook, operational manual, interperative guidelines, troubleshooting EPROM manual, tech notes
	Rock Eval Original Cookbook & Manuals Binder							
	Rock Eval Reprints Binder	in-house, scientific journals, reprints	hardware, data	n/a		Rock Eval	n/a	misc. journal reprints
	Rock-Eval Training: Operation, Maintenance, Trouble Shooting	Humble Instruments & Services, Inc.	hardware		Feb-95	Rock Eval	n/a	Training class manual
	CNHS/Rock Eval Std Info Binder	in-house	data	n/a		Rock Eval/CNHS	n/a	specs for standard reference materials
	RE/GHM Cookbooks Binder	in-house	hardware	n/a		Rock Eval/GHM	n/a	
	Milton Roy Spectronic 301 Spectrophotometers and Accessories Service Information	Milton Roy	hardware	(1994?)		Spectronic 301 Spectrophotometer	n/a	Spectrophotometer and Mr Sipper are ODP 02146
	Milton Roy Spectronic 301 Spectrophotometer Operator's Instructions	Milton Roy	hardware	(1987?)		Spectronic 301 Spectrophotometer and Mr. Sipper	Silica, phosphate and ammonia analysis	
	Hewlett-Packard Personal Printer ThinkJet Owner's Manual	Hewlett-Packard	hardware		Jan-89	ThinkJet printer, used with Rock Eval	n/a	
	Misc. Manual/Instructions III: Blackstone Ultrasonic Heated Tank HT-1.9 Instruction Manual; Carver Presses Motorization Package Setup, Operation, Maintenance and Parts List; Welch Vacuum Technology Model 8915 Vacuum Pump Owner's Manual; Sargent-Welch Vacuum Pumps Owner's Manual	Blackstone; Carver; Welch; Sargent-Welch	Hardware	misc.		Ultrasonic bath; Carver Presses; Vacuum Pumps	n/a	
	Rotavapor Instructions	Buchi	hardware	n/a		used for extractions	n/a	Rotavapor unit not on ship?
	RV3, RV5, RV8 and RV12 Rotary Vane Pumps Instruction Manual	BOC Edwards	hardware	issue K		used for extractions	n/a	Kept in GC/MSD Set Up binder
	EMF3, EMF10 and EMF20 Oil Mist Filters Instruction Manual	BOC Edwards	hardware	issue D		vacuum pump for GC/MSD	n/a	Kept in GC/MSD Set Up binder

Lab: Microscope Lab						
Document Name/Title/Number	Source	Type	Revision No. Publication Date (if any)	Associated Instrument's	Associated Measurement's	Comments
Spot	Diagnostic Instruments, Inc	User's Guide	Software Version 1.2	Spot Software for microphotograph capture		
PAL User Manual & Digital Photomicrography Instructions	inhouse	User's Manual	Leg 190	Paleontology Analysis Log (PAL)		
Zeiss AxioVision 2.05 - (White Box)	Zeiss	User's Manual	B 40-627e 11/99	AxioVision 2.05		includes software
Zeiss AxioVision 2.05 - Black Binder)	Zeiss	User's Manuals	Various	AxioVision 2.05		Includes N HBO 103 Illuminator Manual, Optical Systems' Manual, MC 80 DX Microscope Camera Manual, AxioPlan 2 imaging and Axiophot 2 Universal Microscopes Manual, Microscope Illuminator hal with reflector
Microscope Information 1	Zeiss	User's Manuals	Various	Microscopes & Microscope Accessories		Includes: Transmitted light Photomicroscope, Basic Transmitted Light Microscopy, Optical Systems Specs, Bin. Photo AV Tube Mask for data Projection, Microscope Illumiator with HBO 100, Axiophot pol Photomicroscope - Reflected Light, James Seift, Automatic Point Counter Model f, KL 1500 electronic illuminator, Zeiss Microscope Systeme Standard, Differential Interference Contrast Systems , CMV-70 Sony Trinitron Color Reciever
Microscope Information 2	Zeiss	User's Manuals	Various	Microscopes & Microscope Accessories		AttoArc 2, Axiophot Pol Photomicroscope, Zeis Transmitten-light and Incident-light Polarizing Microscopes, Onboard SOP and Cookbook for Microscopes, Optical Systems for Reflected Light, More than routine Microscope Axioskop Pol, Axioplan Universal Microscope, Transmitted Light, Photomicroscope III, Incident light photomicroscope III, Differential interference Contrast Systems, Photomicroscope III Microscopic Contrast Enhancement Methods, Kohler Illumination, Microscope Illuminator 100, Microscope Illuminator Hal, Microscope Illuminator 100, MC 63 photomicrographic camera, Camera Systems Specs, Accesories for transmitted light polarizing microscopy, Standard Microscopes, SV6 and SV11 Steriomicroscopes, Stereomicroscope SR, Stereomicroscope SV8,

Lab: Photography Lab						
Document Name/Title/Number	Source	Type	Revision No. Publication Date (if any)	Associated Instrument's	Comments	
Water Temperature Controller Series Service Manual	Wing-Lynch, Inc.	Service Manual	Manual # 10-0007-55 Rev. 2, Jan 1989	Wing Lynch Water Controller		
Model 5 Photographic Processor Installation and Operation Manual	Wing-Lynch, Inc.	Installation and Operation Manual	Manual # 10-2000-00 Rev. 3 Jan 1992	Wing Lynch E-6 Processor		
Kreonite Systems Manuals	Kreonite	Installation and Operation Manual	Various	Print Processor		
Kreonite Systems Manuals	Kreonite	Installation and Operation Manual	Various	Chiller		
Kreonite Systems Manuals	Kreonite	Installation and Operation Manual	Various	Sink & Accessories		
Kreonite Systems Manuals	Kreonite	Installation and Operation Manual	Various	Temperature Blenders		
Kreonite Systems Manuals	Kreonite	Installation and Operation Manual	Various	Porta Mix		
Kreonite Systems Manuals	Kreonite	Installation and Operation Manual	Various	Film Drying Cabinet		
Kodak DCS Manuals	Kodak	Instructional and Operation Manual	Various	Kodak DCS Camera	Includes Quick guide, Kodak Camera Firmware Read Me File, DCS Host Software User's Guide, and	
Kodak DCS Manuals	Kodak	Instructional and Operation Manual	Various	Nikon N90S	Nikon N90S instruction manual	
Silk Screening	Ulano	Instructional and informational manuals	Various	Ulano Silk Screening Inks, film, Screen and Screening Frame	Includes in-house procedure cookbook, and various Ulano publications	
Non Photographic Appliances	Various	Installation and Operation Manuals	Various	Panasonic PV-8500VHS		
Non Photographic Appliances	Various	Installation and Operation Manuals	Various	Panasonic WV-3230 Video Camera		
Non Photographic Appliances	Various	Installation and Operation Manuals	Various	Sony Trinitron Color TV,		
Non Photographic Appliances	Various	Installation and Operation Manuals	Various	Sears Kenmore Refrigerator manuals		
Fargo Primera Pro Printer	Fargo	Installation and Operation Manuals	Various	Primera Pro Printer		
Advanced Process Management Course Book	Kodak	Process Management Manual	Dec-82	E-6 Processor	Training Program Course book.	

Microscopes	Various	Instructional and informational manuals	Various	Zeiss Microscopes	
Microscopes	Various	Instructional and informational manuals	Various	Spot Camera	
Microscopes	Various	Instructional and informational manuals	Various	Photomicrograph Cameras	
Microscopes	Various	Instructional and informational manuals	Various	Axioplan 2 Microscopes	
Microscopes	Various	Instructional and informational manuals	Various	Microscope Illuminators	
Microscopes	Various	Instructional and informational manuals	Various	Lamp Controllers	
Microscopes	Various	Instructional and informational manuals	Various	Microscope Camera Manuals	
Photo Camera Manuals	Various	Instructional and Operation Manual	Various	Hasselblad	
Photo Camera Manuals	Various	Instructional and Operation Manual	Various	Nikon f-5 camera	
Enlarger, X-ray, Barnstead Xrite	Various	Instructional and Operation Manual	Various	Ilford Enlarger	
Enlarger, X-ray, Barnstead Xrite	Various	Instructional and Operation Manual	Various	X-ray film	
Enlarger, X-ray, Barnstead Xrite	Various	Instructional and Operation Manual	Various	Barnstead Water Filtration	
Enlarger, X-ray, Barnstead Xrite	Various	Instructional and Operation Manual	Various	Xrite Silver recovery unit	
Photo Cookbook	In-house	Cookbook and SOP	Various	Black and White film processing	
Photo Cookbook	In-house	Cookbook and SOP	Various	E-6 processing	
Photo Cookbook	In-house	Cookbook and SOP	Various	Black and White paper processing	
Photo Cookbook	In-house	Cookbook and SOP	Various	SOP of Photographer's duties.	

Lab:	MicroBiology					
	Document Name/Title/Number	Source	Publication Date (if any)	Associated Instrument(s)	Associated Measurement(s)	Comments
	Operating Manual - HP-5890 Series II and Series II Plus Gas Chromatographs	Hewlett Packard	Nov. 1993, 8th Ed. - Part #05890-90260	HP 5890 Gas Chromatograph	PFT Analysis	Small Gray Binder
	Cool On-Column Inlet Manual - HP-5890 Series II and Series II Plus Gas Chromatographs	Hewlett Packard	Jun. 1993, 9th Ed. - Part #05890-90300	HP 5890 Gas Chromatograph	PFT Analysis	Small Gray Binder
	Reference Manual - HP-5890 Series II and Series II Plus Gas Chromatographs	Hewlett Packard	Mar. 1993, 5th Ed. - Part #05890-90270	HP 5890 Gas Chromatograph	PFT Analysis	Small Gray Binder
	Site Prep/Installation Manual - HP-5890 Series II and Series II Plus Gas Chromatographs	Hewlett Packard	Jul. 1993, 4th Ed. - Part #05890-90280	HP 5890 Gas Chromatograph	PFT Analysis	Small Gray Binder
	Tutorial - HP-5890 Series II and Series II Plus Gas Chromatographs	Hewlett Packard	Jul. 1993, 2nd Ed. - Part #05890-90290	HP 5890 Gas Chromatograph	PFT Analysis	Small Gray Binder
	Operating Manual HP-5890 Series II	Hewlett Packard	1994-HP Part #05890-90261	HP 5890 Gas Chromatograph	PFT Analysis	
	GC2/ECD	Hewlett Packard/ House	1997-HP Part #5961-5664	HP 5890 Gas Chromatograph	PFT Analysis	Also includes EPC methodology and analyses from Leg 185
	Accessories HP 5890A	Hewlett Packard	Rev. 3/88 - HP Part #05890-98140	HP 5890 Gas Chromatograph	PFT Analysis	
	EPC System Set-Up/Test Runs	Hewlett Packard/ House	Rev. 3/88 - HP Part #05890-98140	HP 5890 Gas Chromatograph	PFT Analysis	Also includes the guide for the Electron Pressure Unit - HP Part #1925-1-90830 and the Installation Guide for the J&W Scientific Capillary Column.
	Instruction Manual - Shimadzu TOC-5000A	Shimadzu	?	TOC 5000A	TOC Analysis	
	Instruction Manual - RS 232C Interface	Shimadzu	2/03 - Part #638-72376	TOC 5000A	TOC Analysis	
	Installation, Operation, Maintenance for Whatman 78-40 TOC Gas Generator	Whatman	?	TOC 5000A	TOC Analysis	
	Instruction Manual - Autosampler ASI 5000A for Shimadzu TOC-5000A	Shimadzu	1994 Part #638-93106	TOC 5000A	TOC Analysis	
	TOC Control Software Manual	Shimadzu	1997	TOC 5000A	TOC Analysis	
	Service Manual - TOC 5000A/5050A	Shimadzu	?	TOC 5000A	TOC Analysis	
	Installation/Service Manual - Ecotherm Oven Model 1025-115	Precision	11 Jun 99 - Part #36100109(34000801)	X	X	Contained in a 1" black binder labeled "Manuals"
	High Pressure Steam Sterilizer	Yamato Scientific America	First Edition	X	X	Contained in a 1" black binder labeled "Manuals"
	Operating Manual - TD 20/20	Turner Designs	1/19/99 Version 2.1 - Part #2020-998	X	X	Contained in a 1" black binder labeled "Manuals"

Spreadsheet Interface Installation - TD 20/20	Turner Designs	10/20/98 998-2028 Rev. A	X	X	Contained in a 1" black binder labeled "Manuals"
Instruction Manual - Eppendorf Series 2100 Pipette	Eppendorf	?	X	X	Contained in a 2" Black binder labeled "Manuals"
Instruction Manual - Harris Compressed Gas Regulators	Harris	6/98	X	X	Contained in a 2" Black binder labeled "Manuals"
Instruction Manual - Corning 120 V Hot Plates	Corning	Rev. 1/97	X	X	Contained in a 2" Black binder labeled "Manuals"
Guide to Heating and Stirring - Corning	Corning	Rev. 9/96	X	X	Contained in a 2" Black binder labeled "Manuals"
Operation and Maintenance Manual - Gast 23 Series Vacuum Pump	Gast	70-290 G375PL-Rev. C	Vacuum Pump for the Anaerobic Chamber		Contained in a 2" Black binder labeled "Manuals"
Instruction Manual - Enerpac Hydraulic Hand Pumps	Enerpac	2/99 - L1763 Rev. E	X	X	Contained in a 2" Black binder labeled "Manuals"
Instruction Manual - Fisher Scientific Low Temp. Incubator	Fisher	Rev. D - Part #95525	X	X	Contained in a 2" Black binder labeled "Manuals"
Instruction Manual - Fisher Scientific Isotemp Water Baths	Fisher	5/99 - Rev. F - Part #102370	X	X	Contained in a 2" Black binder labeled "Manuals"
Operating Instructions - All American Pressure Steam Sterilizers	Wisconsin Aluminum Foundry Co.	5/97	X	X	Contained in a 2" Black binder labeled "Manuals"
Owner's Manual - Marvel Commercial Refrigerator	Marvel Industries	Part #41004385 Rev. B	X	X	Contained in a 2" Black binder labeled "Manuals"
Operating Instructions - Burrell Wrist-Action Shaker Model BT	Burrell Scientific	1993 Bulletin #SH 102	X	X	Contained in a 2" Black binder labeled "Manuals"
Operation Manual - Barnstead Maxi Mix II Vortex Mixer Series 871	Barnstead/Thermolyne	2/23/96 LT871X1	X	X	Contained in a 2" Black binder labeled "Manuals"
Janus User's Manual	Tracor Applied Sciences	31-Mar-97	X	X	
Instruction Manual - Anaerobic Chamber	Coy Laboratory Products	Rev. 4/97			Contained in a 1" black binder labeled "Manuals for Coy Equipment."
Instruction Manual - Gas Analyzer	Coy Laboratory Products	3/96 Rev. 2/98	Anaerobic Chamber	Oxygen and Hydrogen in the Anaerobic Chamber	Contained in a 1" black binder labeled "Manuals for Coy Equipment."
Instruction Manual - Airlock	Coy Laboratory Products	Rev. 3/97	Anaerobic Chamber	X	Contained in a 1" black binder labeled "Manuals for Coy Equipment."
Instruction Manual - Incandescent Flaming Device (IFD)	Coy Laboratory Products	Rev. 5/93	Anaerobic Chamber	X	Contained in a 1" black binder labeled "Manuals for Coy Equipment."
Instruction Manual - Vertical Clean Bench	Labconco	1998 Form 37182 Rev. D	X	X	
Instruction Manual - Filtered Enclosure	Labconco	1998 Form 69226 Rev. D	X	X	
Operation Manual and Parts List for NANOpure Infinity UF	Barnstead/Thermolyne	7/16/98 LT898X1	X	X	

Lab:	XRD					
	Document Name/Title/Number	Source	Publication Date (if any)	Associated Instrument(s)	Associated Measurement(s)	Comments
	User's Manual -MacDiff versions 4.0.4 and 4.1.1.	Dr. Rainer Petschick	4.0.4-Mar 22, 1999 4.1.1.- Jun 1, 2000	Philips PW 1729 X-ray Generator	X-ray diffraction	black binder
	Intallation Manual - Philips Software on MS/DOS Based Systems	Philips	Apr. 1989, 2nd Ed.	Philips PW 1729 X-ray Generator	X-ray diffraction	Orange Binder
	User's Guide - Total Access Diffraction Database	Philips	Aug. 1992, 2nd Ed.	Philips PW 1729 X-ray Generator	X-ray diffraction	Orange Binder
	Operation Manual - PC-APD Version 3.6	Philips	Feb. 1994, 5th Ed.	Philips PW 1729 X-ray Generator	X-ray diffraction	Small White Binder
	User's Guide - ProFit for Windows	Philips	Jul. 1996, 1st Ed.	Philips PW 1729 X-ray Generator	X-ray diffraction	Small White Binder
	Operation Manual - Diffraction Control Unit PW 1710/00	Philips	1985, 2nd Edition	Philips PW 1729 X-ray Generator	X-ray diffraction	Orange Binder
	XRD Procedures	House	10/13/1996	Philips PW 1729 X-ray Generator	X-ray diffraction	black binder
	Quantitative XRD	House	1996	Philips PW 1729 X-ray Generator	X-ray diffraction	black binder
	Operation Manual - Bead Sampler NT-2100	House	23-Aug-95	X	X-ray Fluorescence, ICP	black binder
	Diffraction Control Unit PW1710/00	Philips	June, 1985	Philips PW 1729 X-ray Generator	X-ray diffraction	Orange Binder
	ICP Procedures	House	Re-organized 11-4-03	ICP-AES	ICP preparation	black binder
	Philips PC-APD Notes (NB: Quant. Methods)	Philips	Aug. 27, 1991	APD Program	X-ray diffraction	black binder
	X-Ray Key Lines	House	unknown	Philips PW 1729 X-ray Generator	X-ray diffraction analysis	blue binder

	Clay Separations	House	unknown	Philips PW 1729 X-ray Generator	X-ray diffraction	black binder
	Janus User's Manual	Tracor, inc	31 March 1997	all instruments	all measurements	white binder
	X-ray Lab: 101 - 130	House	Leg Summaries	X-ray Lab	X-ray Lab	black binder
	X-ray Lab: 131 - 179	House	Leg Summaries	X-ray Lab	X-ray Lab	black binder
	X-ray Lab: 180 - 192	House	Leg Summaries	X-ray Lab	X-ray Lab	black binder
	X-ray Lab: 193 - 210	House	Leg Summaries	X-ray Lab	X-ray Lab	black binder
	Janus User's Manual - X-ray	Tracor, inc	unknown	all instruments	all measurements	white spiral bound
	Alarm Monitor, Radiation Type number 180 010 00	Philips	Mar-83	Philips PW 1729 X-ray Generator	x-ray diffraction	Manilla folder, bound w/ plastic cover sheet
	Service Manual: x-ray detectors	Philips	Jan-87	Philips PW 1729 X-ray Generator	x-ray diffraction	stapled together
	Safety Manual for x-ray Analysis Equipment	Philips	1984	Philips PW 1729 X-ray Generator	x-ray diffraction	small book
	Glass Diffraction x-ray tube	Philips	11/6/1998	Philips PW 1729 X-ray Generator	x-ray diffraction	small book
	X-Ray Detectors: Instruction Manual	Philips	Jul-76	Philips PW 1729 X-ray Generator	x-ray diffraction	spiral bound book
	Instruction Manual: Geiger Counter	Ludlum Measurements, Inc.	January, 1988	Philips PW 1729 X-ray Generator	x-ray diffraction	Manilla folder, bound
	Software for Automatic Powder Diffraction	Philips	Third Edition, Nov, 1990	Philips PW 1729 X-ray Generator	x-ray diffraction	spiral bound book
	Philips Original bid information	House	May, 1984	Philips PW 1729 X-ray Generator	x-ray diffraction	manilla folder, unbound
	Control System for Automated Powder	Philips	1983	Philips PW 1729 X-ray Generator	x-ray diffraction	spiral bound book
	1170/71, Instruction Manual	Philips	Jul-86	Philips PW 1729 X-ray Generator	x-ray diffraction	spiral bound book
	Instruction Manual: Diffracted Beam Focusing Monochromator	Philips	Mar-83	Philips PW 1729 X-ray Generator	x-ray diffraction	spiral bound book

	Theta Compensating Slit: Installation, alignment, and service instructions	Philips	Mar-83	Philips PW 1729 X-ray Generator	x-ray diffraction	spiral bound book
	Thin Window GM Alpha-Beta-Gamma Detector	Ludlum Measurements, Inc.	Jan-90	Philips PW 1729 X-ray Generator	x-ray diffraction	Manilla folder, bound
	Constant Potential Generator, PW 1729	Philips	1984	Philips PW 1729 X-ray Generator	x-ray diffraction	spiral bound book
	Wide Range Goniometer	Philips	May-74	Philips PW 1729 X-ray Generator	x-ray diffraction	spiral bound book
	Radiation Shield on PW1050/80 Goniometer with PW1316/91 Tube Tower	Philips	1981	Philips PW 1729 X-ray Generator	x-ray diffraction	thin but large book
	Schematic drawings of diffractometer	Philips	unknown	Philips PW 1729 X-ray Generator	x-ray diffraction	manilla folder
	XRD References: Quantitative Analysis, Line Profile Analysis, Crystallographic Analysis	From Philips Op. Manual	23-Aug-95	Philips PW 1729 X-ray Generator	x-ray diffraction	Brown folder, bound

Lab: Paleomagnetism						
Document Name/Title/Number	Source	Publication Date (if any)	Associated Instrument(s)	Associated Measurement(s)	Comments	
D-2000 A.F. Demagnetizer v3.0	D-Tech Precision Instruments	Dec., 1996	D-2000 A.F. Demagnetizer	A.F. Demagnetization Of Magnetic Rock Samples	Installation and Tuning Guide	
Partial Anhysteretic Remanent Magnetizer v.2.0	D-Tech Precision Instruments	March, 1990	D-2000 A.F. Demagnetizer	A.F. Demagnetization Of Magnetic Rock Samples	Preliminary Operations Manual	
Operation Instructions Impact Dot Matrix Printer KX-P1124i	Panasonic	?	D-2000 A.F. Demagnetizer	A.F. Demagnetization Of Magnetic Rock Samples	Matrix Printer	
Profssional 8001 power amplifier	Crest Audio	July, 1991	D-2000 A.F. Demagnetizer	A.F. Demagnetization Of Magnetic Rock Samples	power amplifier	
AMST Manual -Colordata software	Minolta	Jan, 1991	AMST- Minolta Spectrophotometer	Color reflectance		
AMST Manual -Spectrophotometer CM-2002	Minolta	Jan, 1991	AMST - Minolta Spectrophotometer	Color reflectance		
RSC - upload manual	In House	n/a	AMST	Color reflectance		
Ceramic color standard Series II	British Ceramic Research Association	Feb, 1992	AMST	Color reflectance	BCRA Set No. HCL-178	
Operation Manual for MS.2 Bartington Magnetic Susceptibility Meter	Bartington	December, 1995	AMST - Magnetic Susceptibility Meter M.S.2	Magnetic susceptibility		
User Manual For Bartington Magnetic Susceptibility Meter v.3.2	In House	June, 1987	Magnetic Susceptibility Meter M.S.1	Magnetic Susceptibility	Old Meter	
Instruction Manual For Magnetic Susceptibility Bridge	Geofyzika n.p. Brno Czechoslovakia	?	Kappabridge KLY-2	Magnetic Susceptibility	x	
KIM-20R Computer Interface Module	Geofyzika n.p. Brno Czechoslovakia	?	Kappabridge KLY-2	Magnetic Susceptibility	Software Manual For Kappabridge KLY-2	
Kappabridge KLY-2 Magnetic Susceptibility Bridge	In House	Leg 186	Kappabridge KLY-3	Magnetic Susceptibility	Introduction, Zeroing And Calibration	
Operating Instructions ASC Model IM-10 Impulse Magnetizer	ASC Consulting Geoscientists	?	IM-10 Impulse Magnetizer	IRM	x	
Minispin Operator's Manual	In House	?	Molspin	Magnetic Field Measurements		
PMagic v. 1.2	Jakub Rehacek	March, 1995	Molspin	Magnetic Field Measurements	Software For Paleomagnetic Calculations	

	Champ Multishot System v 1.32	Tensor Austin Texas	Juli, 1989	Tensor Tools	Core Orientation System	
	Tensor Orientation Manual	In House	Sept., 1992	Tensor Tools	Core Orientation System	Quick Operating Instructions For The "Tensor Tool"
	Alexander Optimizer Instruction Manual Models MZ1500 MZ3500 And MZ6500	Alexander Batteries	May, 1991	Tensor Tools	Core Orientation System	Manual For The Batterie Charger MZ3500
	Care And Feeding Of The Tensor Tool	In house	Nov., 1997	Tensor Tools	Core Orientation System	Manual For Maintenance of the Tensor Tools
	MG-5D, DP, DAR Instruction Manual	Walker Scientific Inc.		Hall Probe MG-5D Series Gaussmeter	DC and AC Fields	Used for calibration and testing purposes
	Operator's Manual 2205 Oscilloscope	Tektronix	Oct., 1987	Model 2205 10MHz Oscilloscope	Squid Sensors On Cryomag	The 10MHz oscilloscope is used for setting the I-Bias current in order to optimize the squid response
	Superconducting Rock Magnetometer Model 755R Model 760R Electronics Operating Manual And Technical Reference	2G Enterprises	Sept., 1995	Superconducting Rock Magnetometer	Magnetic Field Measurements	For The "New" Cryomag
	Superconducting Rock Magnetometer Cryogenic System Manual	2G Enterprises	March, 1996	Cryocooler / Superconducting Rock Magnetometer	Magnetic Field Measurements	x
	Cryodyne Refrigeration System Instalation, Operation And Servicing Instructions	CTI-Cryogenics	1995	Cryocooler / Superconducting Rock Magnetometer	Magnetic Field Measurements	x
	Instructions For Replacing The Adsorber Of The Model SC/SCW/8200 Compressor	CTI-Cryogenics	1996	Cryocooler / Superconducting Rock Magnetometer	Magnetic Field Measurements	x
	Refrigerated And Non-Refrigerated Water Recirculation Systems Instruction Manual	Haskris	1995	Cryocooler / Superconducting Rock Magnetometer	Magnetic Field Measurements	Instruction Manual For Haskris Water Pump
	Model 2G600 Automatic Sample Degaussing System User's Manual and Technical Reference	2G Enterprises	Oct., 1995	Model 2G600 Automatic Sample Degaussing System / Superconducting Rock Magnetometer	A.F. Demagnetization Of Magnetic Rock Samples / Magnetic Field Measurements	For The "New" Cryomag
	Professional Power Amplifiers CA Series v.2.0	Crest Audio	Dec., 1995	Model 2G600 Automatic Sample Degaussing System / Superconducting Rock Magnetometer	A.F. Demagnetization Of Magnetic Rock Samples / Magnetic Field Measurements	Owner's Manual
	ODP Long Core v3.0 User's Guide	2G Enterprises revised In House	Revised Leg 191	Superconducting Rock Magnetometer	A.F. Demagnetization Of Magnetic Rock Samples / Magnetic Field Measurements	Software Manual For the Long Core Labview Application

DAQ PCI-MIO E Series User Manual	National Instruments	Jan., 1997	Model 2G600 Automatic Sample Degaussing System / Superconducting Rock Magnetometer	A.F. Demagnetization Of Magnetic Rock Samples / Magnetic Field Measurements	Software Manual For Data Acquisitions With LabView
New Cryo Digest	In House	Leg 168	Model 2G600 Automatic Sample Degaussing System / Superconducting Rock Magnetometer	A.F. Demagnetization Of Magnetic Rock Samples / Magnetic Field Measurements	Response And Noise test's
Compumotor S Drive User Guide	Parker	March, 1997	Superconducting Rock Magnetometer	Magnetic Field Measurements	x
Compumotor 6000 Series Software Reference Guide	Parker	1991	Superconducting Rock Magnetometer	Magnetic Field Measurements	x
Compumotor 6200 Indexer User Guide	Parker	June, 1994	Superconducting Rock Magnetometer	Magnetic Field Measurements	x
Compumotor Motion Architect For The 6000 Series Controllers	Parker	Aug., 1994	Superconducting Rock Magnetometer	Magnetic Field Measurements	x
Cryo Vital Sign	In House	n/a	Superconducting Rock Magnetometer	Magnetic Field Measurements	Cryo log
Safe Handling off Cryogenic Liquids	Compressed Gas Association, INC	1987	Superconducting Rock Magnetometer	Magnetic Field Measurements	Safety Manual
Emergency Procedures For Cryogenic Magnetometer	In House	?	Superconducting Rock Magnetometer	Magnetic Field Measurements	Safety Manual
Deconvolution Software	Constable & Parker	Juli, 1994	Superconducting Rock Magnetometer	Magnetic Field Measurements	Software Manual
Thermal Specimen Instrument Manual	Schonstedt	Sept, 1986	TSD-1 Thermal Specimen Demagnetizer	A.F. Demagnetization Of Magnetic Rock Samples / Magnetic Field Measurements	Instrument manual
Paleomag Lab Photos L.186 Instruments/Electronics	In-House	Leg 186	Paleomagnetism Lab in general	Lab Photo Collection	A collection of photo's showing instrument wiring and setup
Pmag Journal, assorted	In House	n/a	Paleomagnetism Lab In General	Paleomagnetism Lab In General	
Pmag Lab Master log sheet	In House	n/a	Paleomagnetism Lab In General	Paleomagnetism Lab In General	
Various PMAG Notes	In House	n/a	Paleomagnetism Lab In General	Paleomagnetism Lab In General	for shipboard Paleomagnetists
Paleomagnetism Lab: SOP/Cookbook/technote18	In House	ver. Post 210	Paleomagnetism Lab In General	Paleomagnetism Lab In General	
PMAG Tech Report 1985-1996	In House	Updated On A Leg To Leg Basis	Paleomagnetism Lab In General	Paleomagnetism Lab In General	Old Cryomag
PMAG Tech Report 1996-2003	In House	Updated On A Leg To Leg Basis	Paleomagnetism Lab In General	Paleomagnetism Lab In General	New Cryomag
JANUS Upload	In House	Updated On A Leg To Leg Basis	Paleomagnetism Lab In General	Paleomagnetism Lab In General	Database
PMAG Lab Service Call	In House	Updated On A Leg To Leg Basis	Paleomagnetism Lab In General	Paleomagnetism Lab In General	Notes from Service Call
Chapter 2 Building 2-D Graphs And Chapter 7 Function Functions	MatLab	1996	Paleomagnetism Lab In General	Data in General	Part Of MatLab Software Manual

Lab:	Physical Properties						
	Document Name/Title/Number	Source	Type	Revision No. Publication Date (if any)	Associated Instrument's	Associated Measurement's	Comments
	PP Lab Manual	In-House	ODP Technical Note	November, 1997	Phys. Prop. in general	Physical properties measurements in general	Needs to be updated to reflect changes in software.
	Maestro -32 Software User's Manual	PerkinElemer Instruments	Software	ORTEC Part No. 777800, Manual Rev D	EG&G Amplifier	GRAPE and NGR measurements on the MST	Used in tuning the NGR Amps.
	TRUMP-PCI-8K Multichannel Buffer Card Hardware Manual	PerkinElemer Instruments	Hardware	ORTEC Part No. 782530, Rev C	Data Acquisition cards for both the GRAPE and NGR	GRAPE and NGR measurements on the MST	
	Model 4001A Modular System Bin Operating and Service Manual	EG&G Ortec	Hardware	ORTEC Part No. 733740	GRAPE and NGR	GRAPE and NGR	
	ADCAM Model 917 Hardware Operator's Manual	EG&G Ortec	Hardware	Ortec Part No. 717550 Manual Rev A	GRAPE and NGR	GRAPE and NGR	
	Model 918A ADCAM Multichannel Buffer Service Package	EG&G Ortec	Hardware	Ortec Part No. 751230	GRAPE and NGR	GRAPE and NGR	
	Model 918A ADCAM Multichannel Buffer Operator's Manual	EG&G Ortec	Hardware	Ortec Part No. 717540 Manual Rev A	GRAPE and NGR	GRAPE and NGR	Two Copies.
	Model 276 Photomultiplier Base Operating and Service Manual	EG&G Ortec	Hardware	Ortec Part No. 733130 Manual Rev A	GRAPE and NGR	GRAPE and NGR	
	Model 480 Pulser Operating and Service Manual	EG&G Ortec	Hardware	Ortec Part No. 733390	GRAPE and NGR	GRAPE and NGR	
	Model 556 High Voltage Power Supply Operating and Service Manual	EG&G Ortec	Hardware	Ortec Part No. 628430 manual Rev D	GRAPE and NGR	GRAPE and NGR	
	Model 556H High Voltage Power Supply Operating and Service Manual	EG&G Ortec	Hardware	Ortec Part No. 628440 Manual Rev B	GRAPE and NGR	GRAPE and NGR	
	Model 4002A Power Supply Operating and Service Manual	EG&G Ortec	Hardware	Ortec Part No. 733750	GRAPE and NGR	GRAPE and NGR	
	Model 4002D 160-W NIM Bin Power Supply Operating Manual	EG&G Ortec	Hardware	Ortec Part No. 740300 Manual Rev D	GRAPE and NGR	GRAPE and NGR	
	Model 533 Dual Sum and Invert Amplifier Operating and Service Manual	EG&G Ortec	Hardware	Ortec Part No. 733410	GRAPE and NGR	GRAPE and NGR	
	Model 855 Dual Spectroscopy Amplifier Operating and Service Manual	EG&G Ortec	Hardware	Ortec Part No. 717490	GRAPE and NGR	GRAPE and NGR	
	Model 4890 Preamplifier/Amplifier/ Single Channel Analyzer Operating and Service Manual	EG&G Ortec	Hardware	Ortec Part No. 733400 Manual Rev B	GRAPE and NGR	GRAPE and NGR	
	DAQ PCI-1200 user Manual	National Instruments	Hardware	July 1998 Edition Part No. 320942C-01	MST acquisition system.	Mag Sus, GRAPE, PWL, and NGR	Interface between Hardware and Software.
	GPIB User Manual for Windows 95 and Windows NT	National Instruments	Hardware	January 1998 Edition Part No. 321819A-01	MST acquisition system.	Mag Sus, GRAPE, PWL, and NGR	Interface between Hardware and Software.
	GPIB NI-488.2M Function Reference Manual for Win32	National Instruments	Hardware	January 1998 Edition Part No. 321038D-01	MST acquisition system.	Mag Sus, GRAPE, PWL, and NGR	Interface between Hardware and Software.
	IMS WC-MST Manual	In-House	Software	Version ODP 188, 2000	MST acquisition system	Mag Sus, GRAPE, PWL, and NGR	Needs revision.

IMS VS Manual	In-House	Software	Version ODP 191, 2000	VS acquisition system	PWS and Shear Vane measurements on the VS Track	
DP40 and DPF400 Series Indicators Operator's Manual	OMEGA Technologies	Hardware	Omega M1519/0193	VS Track	PWS-3	Pressure guage and serial communications for PWS-3
DP41-TC/DP41-RTD High Performance Temperature Indicator Operator's Manual	OMEGA Technologies	Hardware	Omega M1296/0991	VS Track	PWS-1, 2, 3	Temperature Probe for all velocity measurements.
TK04 Thermal Conductivity Meter	TeKa	Software/Hardware	Version 3.04b	TK04	Thermal Conductivity	
Moisture/Density (MAD) Manual	In-House	Software/Hardware	Version ODP 190, 2000	Electronic Balance, Pycnometer	All Index Properties	Includes old Macintosh version.
Pycnometer Manual (New)	Quantachrome	Hardware	Pub. January, 1999	Pycnometer	Volume and Density	Supplied with the new Pycnometer, and includes a note that explains the minor differences between the old pycnometer and new. Also contains a paper explaining why the ODP measures only the dry volume. Two old manuals are also in the lab.
Wayne Kerr Precision Component Analyzer 6425 Operating Instructions	Wayne Kerr Instruments	Hardware	Ref. Number TP212/2	Wayne Kerr Resistivity Box	Resistivity	Not supported by the ODP at this time.
Splicer Manual	LDEO	Software	Motif Version 2.0, 1997	MST	Stratigraphic Correlation	Contains Technical Note on how to extract data sets from JANUS. Version ODP 198.
PP Tech Help	In-House	Lab Assistance Information and SOP		All aspects of Phys. Props.	All aspects of Phys. Props.	Contains Cookbooks, and trouble shooting tips, photos, and technical write-ups.
PP Tech Reports Leg 170-179	In-House	Lab Report Collection	Legs 170-179	All aspects of Phys. Props.	All aspects of Phys. Props.	Also contains information on the implementation of instruments and software in the lab.
PP Reprint Series	In-House	Reprint Collection			Physical properties measurements in general	
PP Lab Digital Photos	In-House	Lab Photo Collection	Pre-Dry Dock	Physical Properties in general		A collection of photo's showing instrument wiring and setup.

Lab Manual Summary - Thin Sec 28

Lab: Thin Section					
Document Name/Title/Number	Source	Type	Revision No. Publication Date (if any)	Associated Instrument's	
Log Books	In-House	T/S log of samples	on going	billets & T/S	
Thin Section Lab Reports	In-House	Tech notes	on going	all	
Longman Illus. Dictionary of Geology	Longman York Press	book	1982	see above	
Lab. Handbook of Petrographic Techniques	Wiley-Interscience Pub.	book	1974	see above	
Atlas of Igneous rocks & their Textures	Halsted Press	book	1982	see above	
MSDS Manual	In-House	MSDS sheets	on going	chemicals in lab	
Manuals & Thin Section Prep	In-House	compiled manuals & notes on T/S prep	on going	all	
HSE Manual	ODL	regs	2000	ship	
Marine Training & Safety Manual	TAMU	source book	2000	ship	
Marine Firefighting Manual	TAMU	source book	2000	ship	

Associated Measurement's	Comments
see previous	This is for the following log books: 1] 115-123 (-122), 2] 122-134, 3] 134-149, 4] 150-172, 5] 173-193, 6] 194-200
all	
see previous	
see previous	
see previous	
none	
all	
na	
na	
na	

Lab: Underway Geophysics					
Document Name/Title/Number	Source	Publication Date (if any)	Associated Instrument(s)	Associated Measurement(s)	Comments
Navigation					
Digital Gyro Repeater Instruction Manual	Scandinavian Micro Systems	May-94	Digital Gyro Repeater	Heading	
Winfrog 3.0 User's Guide	Racal Pelagos, Inc.	2000		Position Data Collection	Printed copy of the Electronic Manual
Winfrog Training Guide	Racal Pelagos, Inc.	1998		Position Data Collection	
Instruction Manual Model 9160A Synchronized Time Code Generator	Datum Inc.		Datum Clock	Clock	
GG24GPS+GLONASS Receiver, Reference Manual	Ashtech	Mar-97	GPS	Position	
Ashtech Evaluate User's Guide	Ashtech	Jan-97	GPS	Position	
Omnistar Technical Reference Manual	Fugro		GPS	Position	
Bathymetry					
High Performance Strain Gauge Indicator, Operator's Manual	Omega		Strain Gauge Indicator	Bathymetry	
GMT 3.0 Generic Mapping Tool, Technical Reference and Cookbook	SOEST and NOAA	Aug-95		Bathymetry	
9800 Series Operators Manual	EPC Labs		Model 9802 Series Thermal Graphic Recorder	Bathymetry and Seismic Surveys	
Technical Manual CESP-III Correlation Echo Sounder Processor	Raytheon	Apr-82	Correlation Echo Sounder Processor	Bathymetry	
Technical Manual for PTR-105B Transceiver	Raytheon	Apr-83	PTR-105B Transceiver	Bathymetry	
General Bathymetric Chart of the Oceans	GEBCO	1984		Bathymetry	
Seismic Equipment					
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