

*Report and Index of
Underway Marine Geophysical Data*

Vancouver Expedition

Leg 13

(VANC13MV)

R/V Melville

(Issued Nov 2003)

Ports:

Cairns, Australia (21-Aug-2003)

to

Port Moresby, Papua New Guinea (26-Aug-2003)

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Resident Tech - Geoff Ravenhill

Post-Cruise processing and report preparation by the
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La Jolla, CA 92093-0223

Note: *This is an index of underway geophysical data edited and processed after the completion of the leg and is intended primarily for informal use within the institution. This document is not to be reproduced or distributed outside Scripps without prior approval of the chief scientist or Shipboard Technical Support, Scripps Institution of Oceanography, La Jolla, California 92093-0223*

STS Cruise ID#299

Report and Index of Navigation and Underway Geophysical Data

Contents:

Index Chart - give track of cruise leg, dates, ports.

Track Charts - annotated with dates and hour ticks.

Profiles - depth, magnetic and gravity free air anomaly vs. distance. (Sections of track with seismic reflection data have a wide black line along the bottom of the profile.)

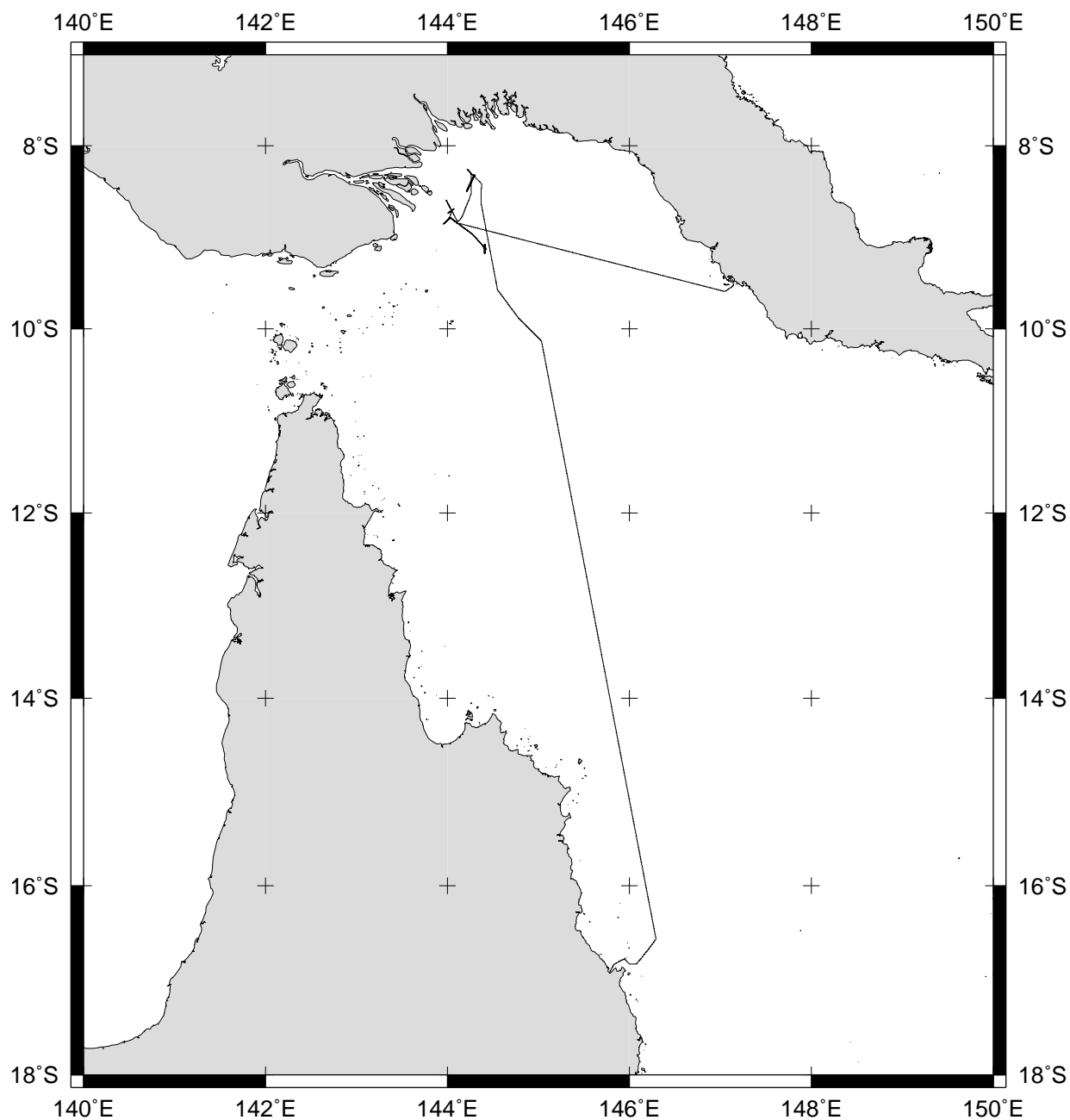
Sample Index - list of begin/end times and positions of all underway records as well as samples and measurements from other disciplines collected on the leg.

Note:

For information on the availability of this current digital data as well as archived digital data contact:

Stephen P. Miller
Geological Data Center
Scripps Institution of Oceanography
La Jolla, California 92093-0220
Phone: (858) 534-1898
Internet email: spmiller@ucsd.edu; or his website: <http://SIOExplorer@ucsd.edu>

Rev 05/2002



VANCOUVER EXPEDITION LEG 13 (VANC13MV)

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CHIEF SCIENTIST: Chuck Nittrouer, University of Washington

PORTS: Cairns, Australia - Port Moresby, New Guinea

DATES: 21 -26 August 2003

SHIP: R/V Melville

TOTAL MILEAGE OF UNDERWAY DATA COLLECTED

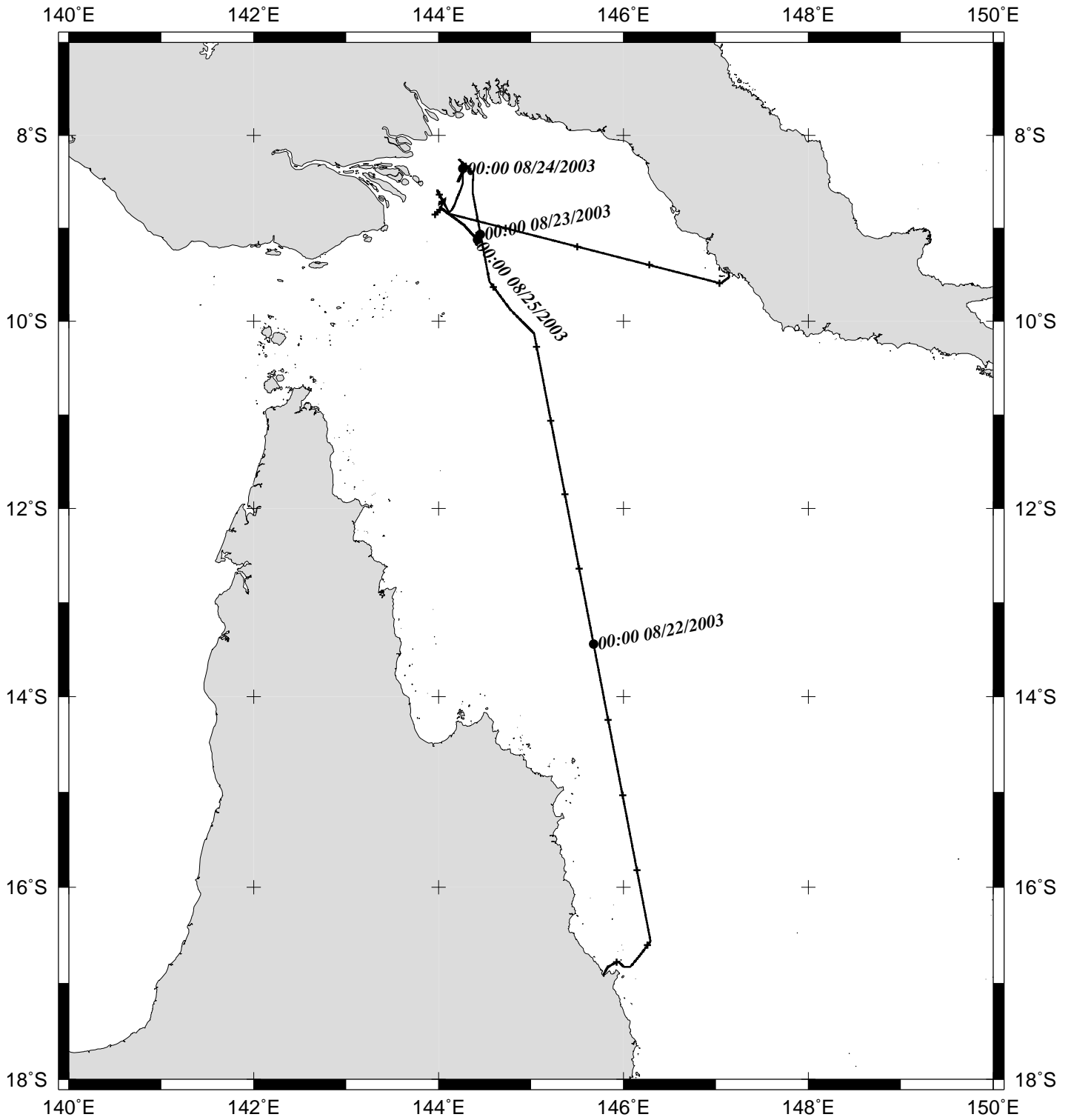
Cruise-1104 miles

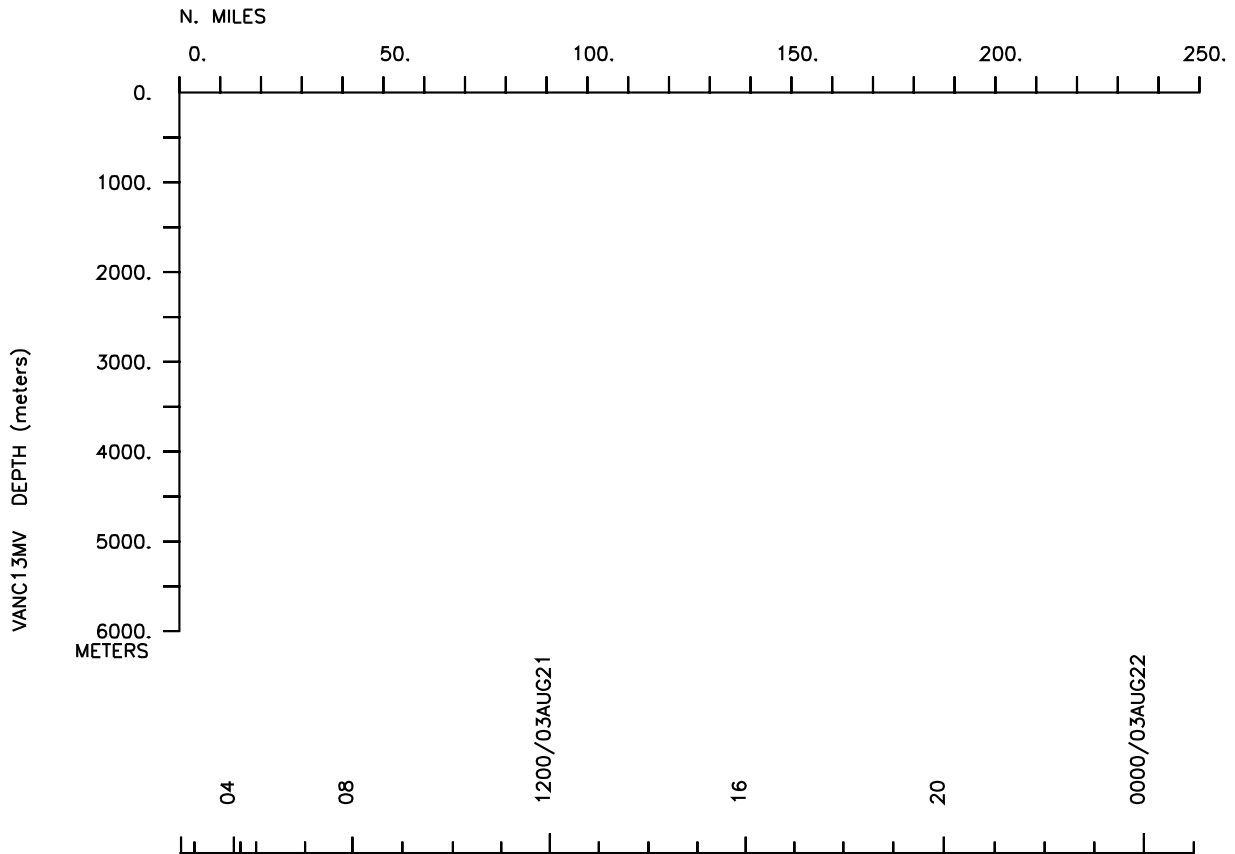
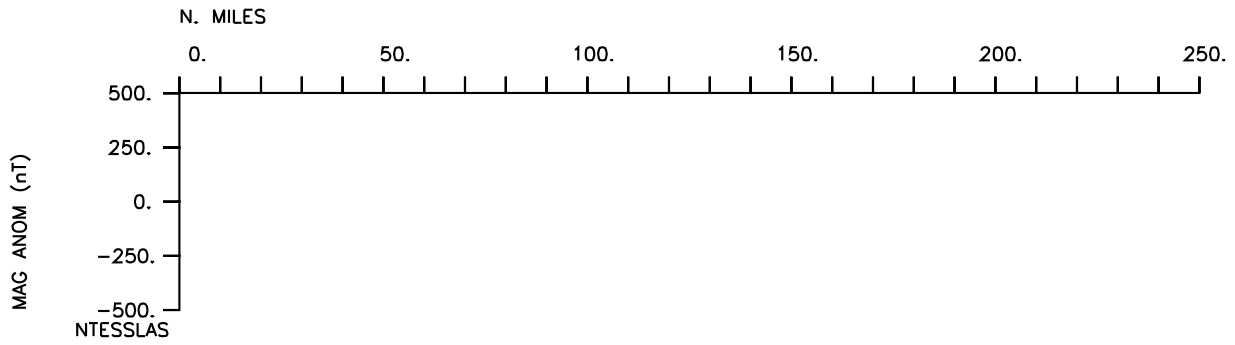
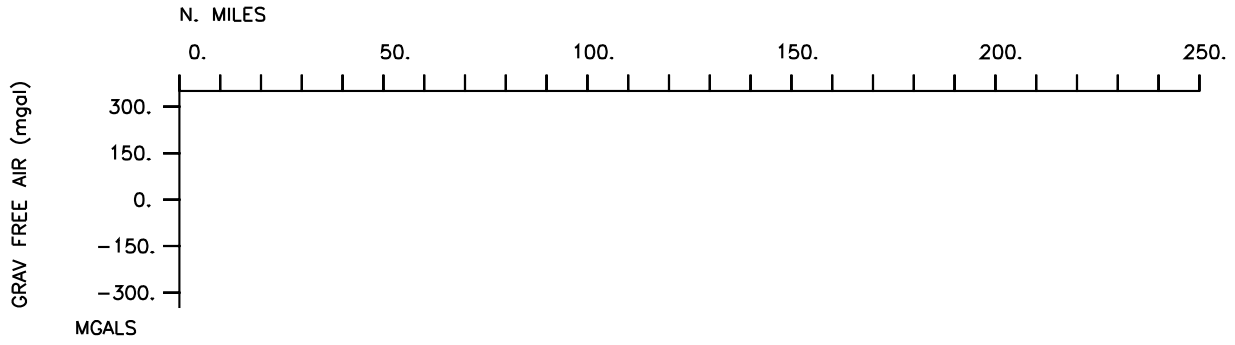
Magnetics-none collected

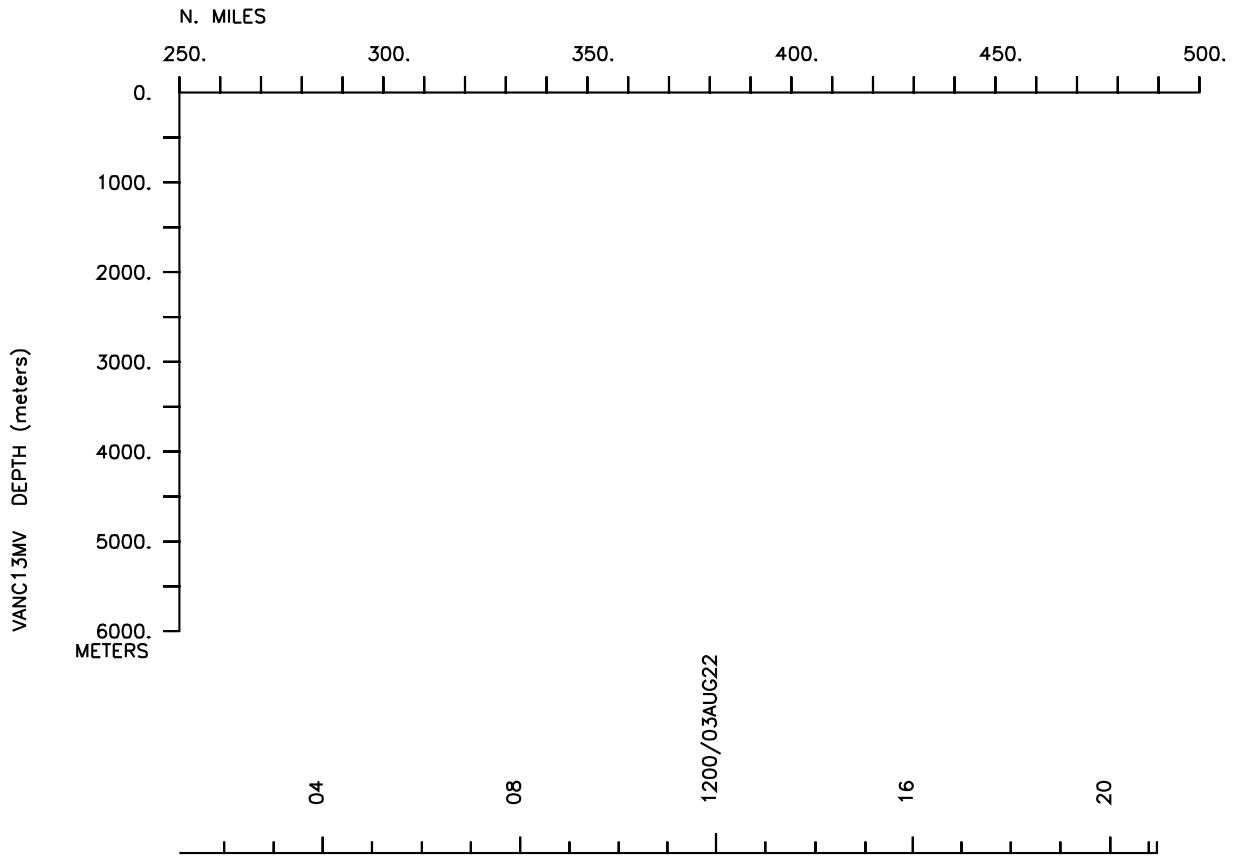
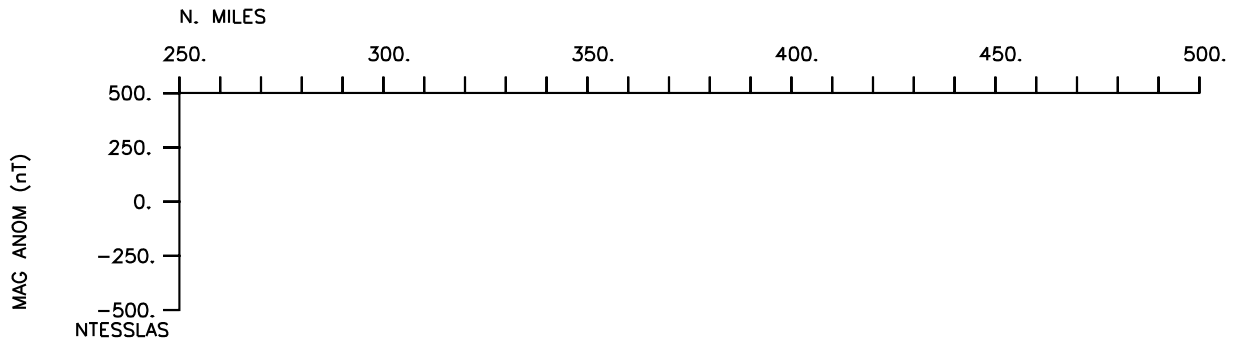
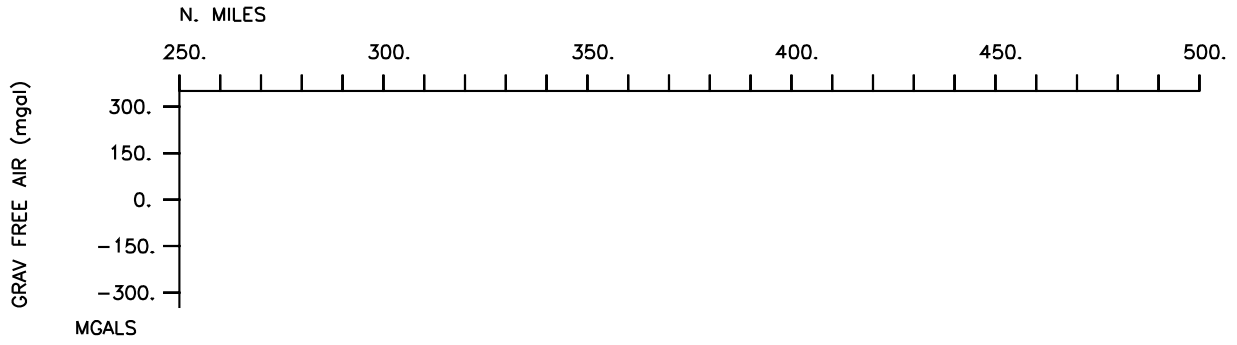
Bathymetry-none collected Seismic Reflection-none collected

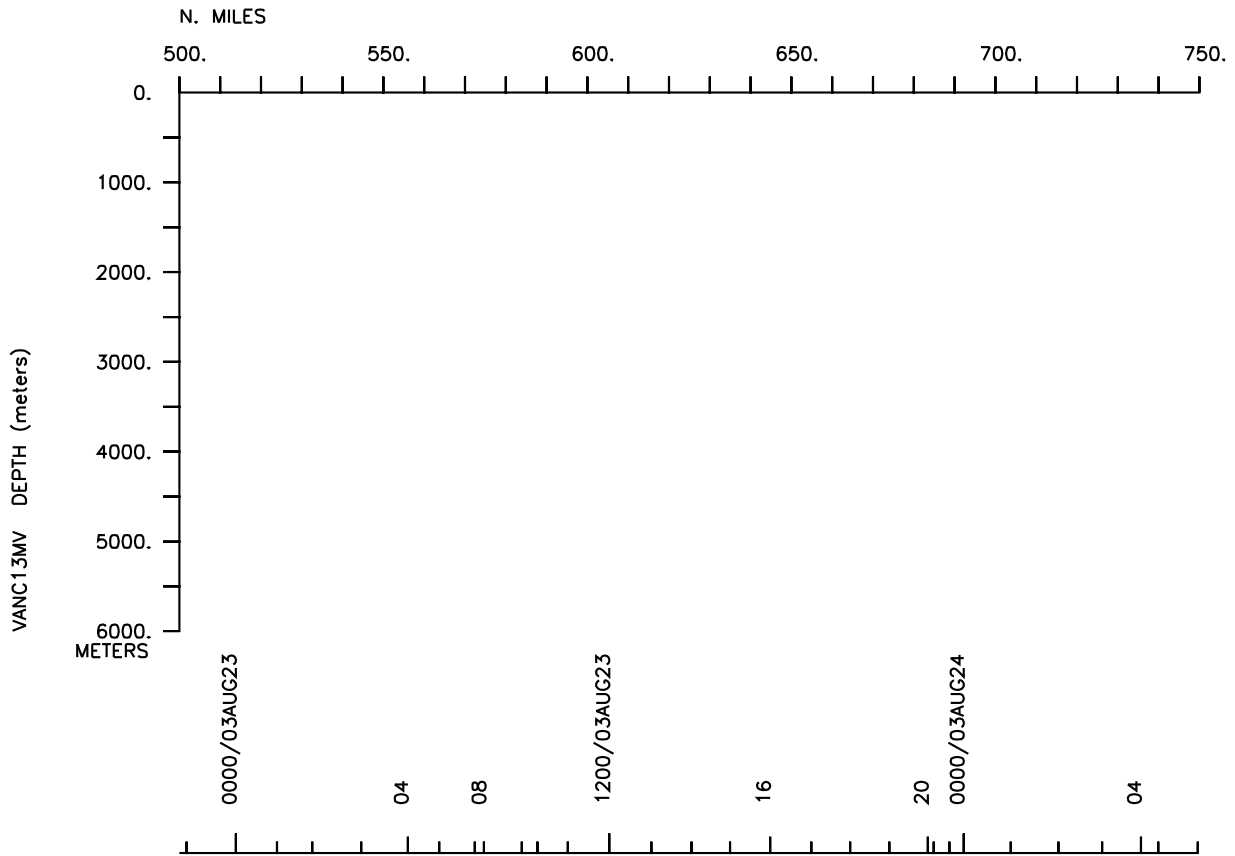
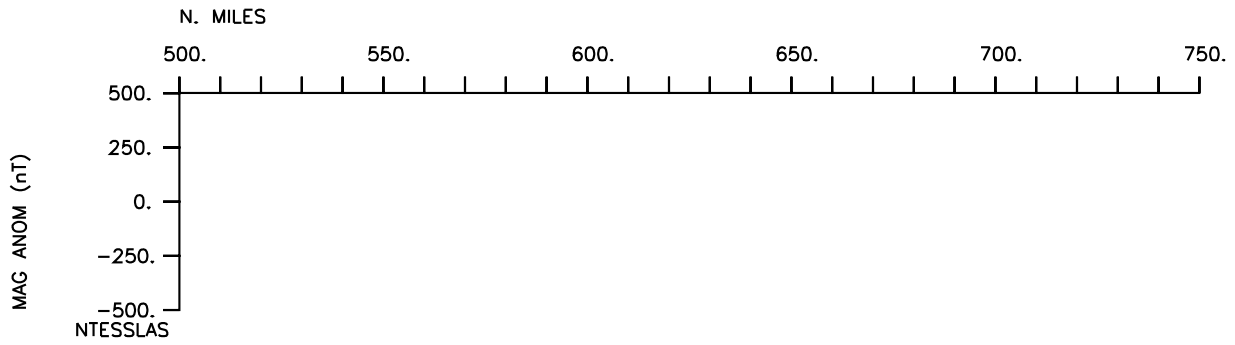
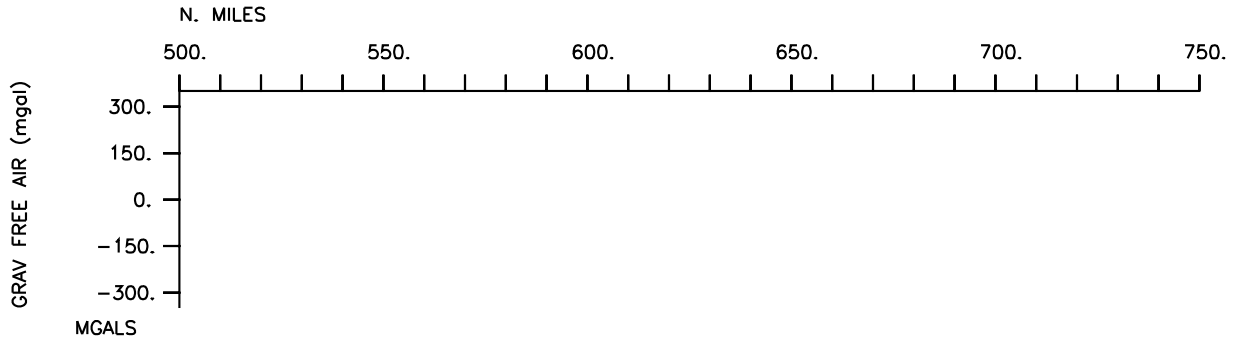
Multibeam-none collected Gravity-none collected

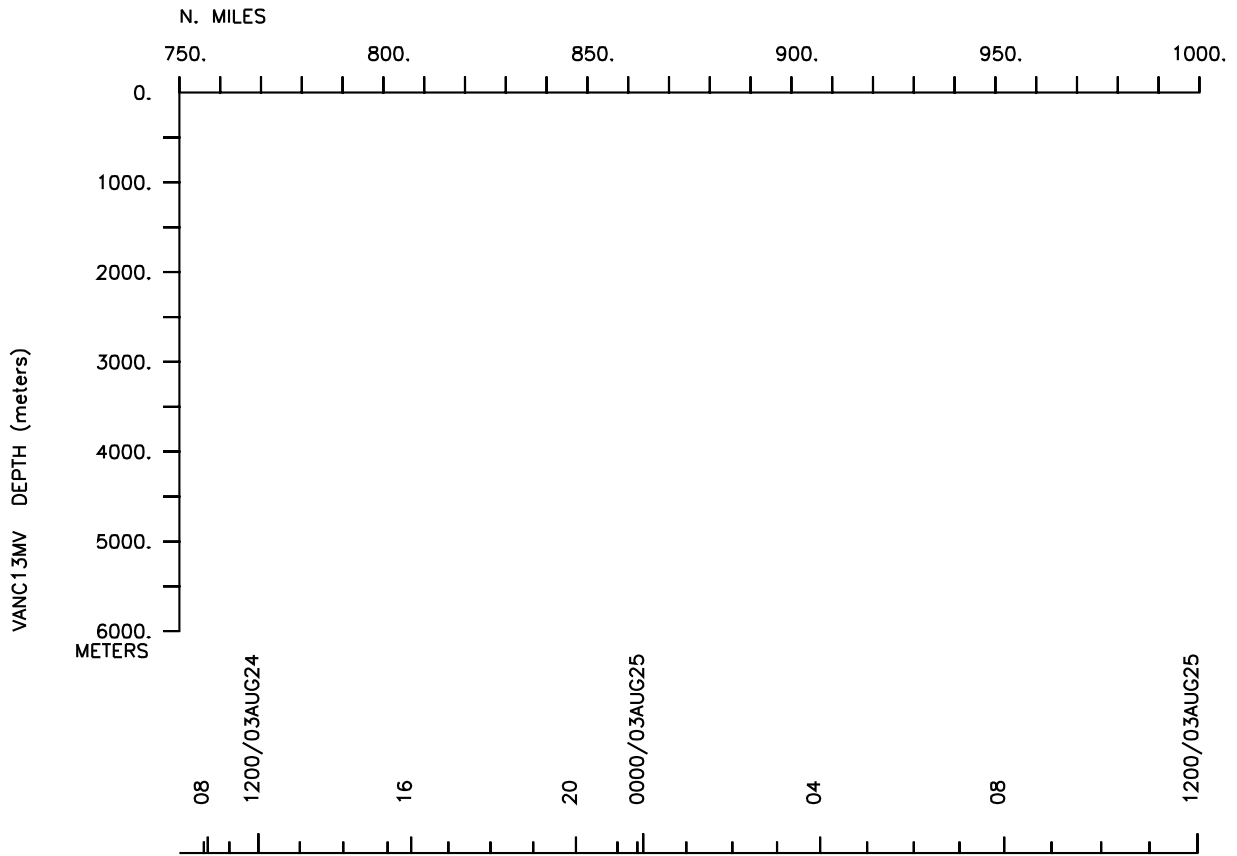
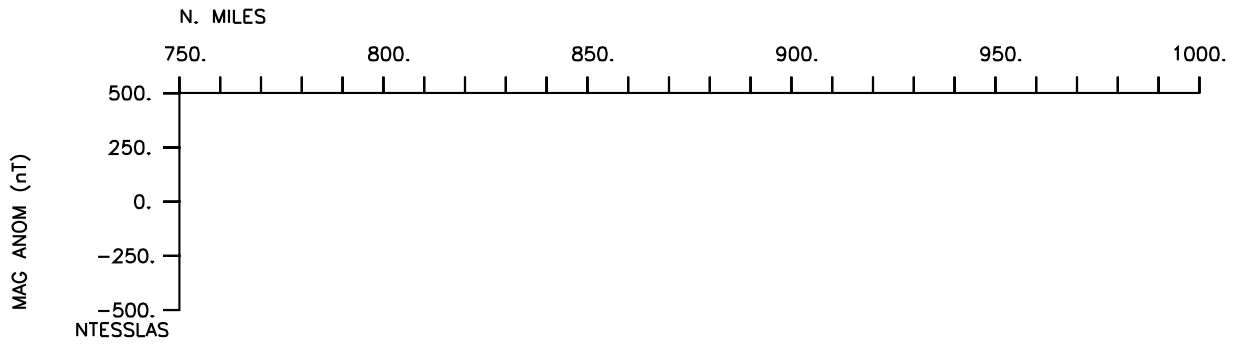
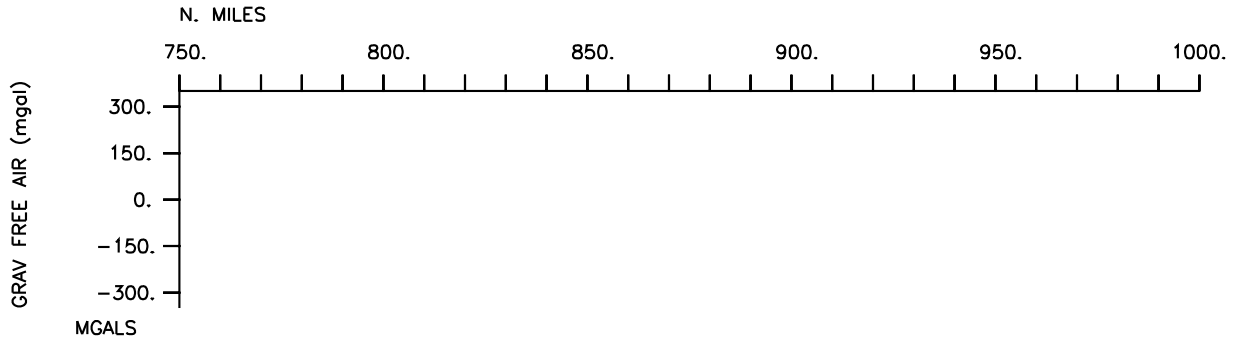
VANC13MV

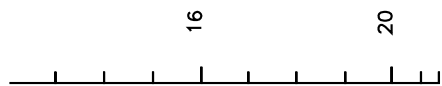
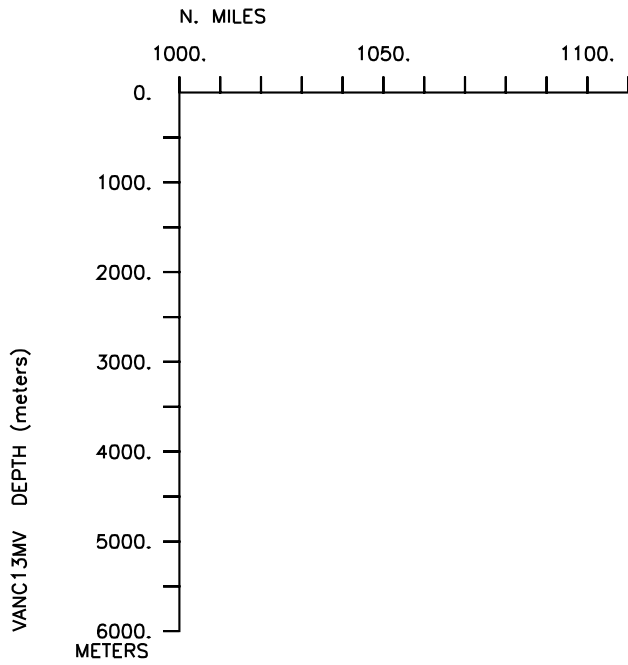
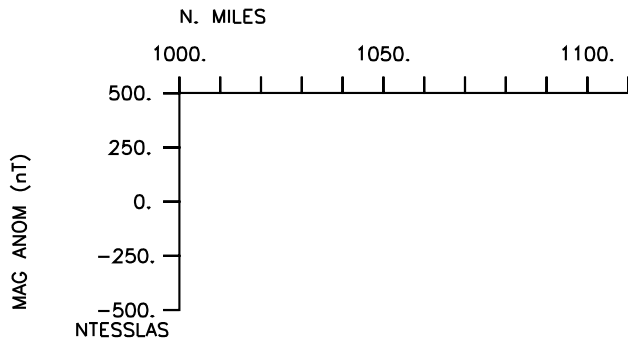
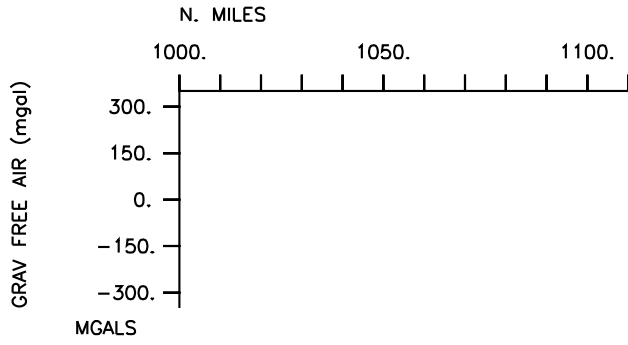












**** Ports ***

0226 210803 LGPT B Cairns, Australia 16-55.00S 145-47.00E f VANC13MV
 2159 250803 LGPT E Pt. Moresby, New Guinea 09-28.00S 147-09.00E f VANC13MV

**** Personnel ***

#	*****NAME*****	*****TITLE*****	*****AFFILIATION*****	**CRID**
PECS UWA	Ogston, A.	Co-Chief Scientist	Univ. of Washington	VANC13MV
PESP UWA	Sternberg, R.	Scientist	Univ. of Washington	VANC13MV
PESP UWA	Crockett, J.	Scientist	Univ. of Washington	VANC13MV
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PESP AUA	Harris, P.	Scientist	Australia	VANC13MV
PESP AUA	Heap, A.	Scientist	Australia	VANC13MV
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PESP UWA	Elfers, T.	Technician	Univ. of Washington	VANC13MV
PESP UWA	Sternberg, L.	Technician	Univ. of Washington	VANC13MV
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PEST SIX	Monacci, N.	Student	U. of S. Carolina	VANC13MV
PEST SIX	Woodworth, M.	Student	U. of S. Carolina	VANC13MV
PECT STS	Moe, R.	Computer tech.	Scripps Institution	VANC13MV
PERT STS	Ravenhill, G.	Technician	Scripps Institution	VANC13MV

**** NOTES ***

#An 'X' in the (B)egin/(E)nd column following the sample code indicates no
 #sample or data recovered. A 'C' indicates continuation of data collection
 #from before the beginning or after the end of a particular leg, (moored
 #bottom instruments, for example.) The number appearing in the columns
 #between the sample identifier and the disposition code, for many sample
 #entries, is the water depth in corrected meters.

#GMT DDMMYY	SAMP B	SAMPLE	DISP	p	CRUISE
#TIME DATE	TZ	CODE E	IDENTIFIER	CODE	LATITUDE LONGITUDE c LEG-SHIP

**** Underway Data Curator - Shipboard Technical Support Group ext.41899 ***
 **** Digital Data Curator - Geological Data Center, S.P. Miller, ext.41898 ***

**** Conductivity, Temperature, Depth **

0450 210803 0 TDCT B CTD deployed UWA 16-46.58S 145-56.95E g VANC13MV
 0502 210803 0 TDCT E CTD on deck UWA 16-46.58S 145-56.95E g VANC13MV

**** Cores ***

0743 230803 0 COBX B Commence Box Core #1 UWA 8-20.21S 144-17.73E g VANC13MV
 0749 230803 0 COBX E Complete Box Core #1 UWA 8-20.21S 144-17.74E g VANC13MV
 2215 230803 0 COBX B Box Core #2 deployed UWA 8-18.02S 144-15.52E g VANC13MV
 2224 230803 0 COBX E Box Core #2 on deck UWA 8-18.02S 144-15.52E g VANC13MV
 0756 240803 0 COBX Box Core #3 on botto UWA 8-42.96S 144-02.18E g VANC13MV
 0840 240803 0 COMP Multi Core #1 on bot UWA 8-42.93S 144-02.20E g VANC13MV
 2317 240803 0 COBX B box core #4 deployed UWA 9-07.88S 144-24.84E g VANC13MV
 2330 240803 0 COBX E box core #4 on deck UWA 9-07.88S 144-24.85E g VANC13MV

#GMT	DDMMYY	SAMP	B	SAMPLE	DISP				p	CRUISE
#TIME	DATE	TZ	CODE	E IDENTIFIER	CODE	LATITUDE	LONGITUDE		c	LEG-SHIP
#-----	---	-----	-----	-----	-----	-----	-----	-----	-----	-----

**** Sound Velocity Profiles ****

0422	210803	0	MBVP	B SV+ deployed	UWA	16-46.59S	145-56.95E	g		VANC13MV
0433	210803	0	MBVP	E SV+ on deck	UWA	16-46.58S	145-56.95E	g		VANC13MV
2056	220803	0	MBVP	B Commence SV cast	UWA	9-29.65S	144-32.20E	g		VANC13MV
2109	220803	0	MBVP	E Complete SV cast	UWA	9-29.65S	144-32.20E	g		VANC13MV
2130	220803	0	MBVP	B Commence SV cast	UWA	9-29.65S	144-32.20E	g		VANC13MV
2139	220803	0	MBVP	E Complete SV cast	UWA	9-29.65S	144-32.20E	g		VANC13MV
0101	230803	0	MBVP	B SV deployed	UWA	8-54.22S	144-25.40E	g		VANC13MV
0111	230803	0	MBVP	E SV on deck	UWA	8-54.22S	144-25.26E	g		VANC13MV
0612	230803	0	MBVP	B Commence SV cast	UWA	8-20.04S	144-17.68E	g		VANC13MV
0619	230803	0	MBVP	E Complete SV cast	UWA	8-19.97S	144-17.57E	g		VANC13MV
1000	230803	0	MBVP	B SV deployed	UWA	8-29.53S	144-13.15E	g		VANC13MV
1006	230803	0	MBVP	E SV on deck	UWA	8-29.49S	144-13.05E	g		VANC13MV
0431	240803	0	MBVP	B SV deployed	UWA	8-35.70S	143-59.30E	g		VANC13MV
0438	240803	0	MBVP	E SV on deck	UWA	8-35.75S	143-59.45E	g		VANC13MV
1053	240803	0	MBVP	B SV deployed	UWA	8-47.49S	144-01.32E	g		VANC13MV
1101	240803	0	MBVP	E SV on deck	UWA	8-47.45S	144-01.17E	g		VANC13MV
1536	240803	0	MBVP	B SV deployed	UWA	9-07.77S	144-25.37E	g		VANC13MV
1547	240803	0	MBVP	E SV on deck	UWA	9-07.61S	144-25.35E	g		VANC13MV

**** Current Measurements ****

2050	230803	0	CMXX	B Tripod UW-A deployed	UWA	8-20.20S	144-17.74E	g		VANC13MV
2309	230803	0	CMXX	B UW-B Tripod deployed	UWA	8-18.03S	144-15.52E	g		VANC13MV
2311	230803	0	CMXX	E UW-B tripod on deck	UWA	8-18.03S	144-15.52E	g		VANC13MV
2314	230803	0	CMXX	B UW-B tripod deployed	UWA	8-18.03S	144-15.52E	g		VANC13MV
2321	230803	0	CMXX	E UW-B tripod released	UWA	8-18.04S	144-15.52E	g		VANC13MV

End Sample Index VANC13MV