Consec. Cast #	Vessel	Proj. & Leg	Event#	Vessel Sta. I.D.	Instructions	Sta. Designation
001	MF	MF-93-07	5			:

Consec. Cast #	Latitude Deg.	Latitude Min.	N or S	Longitude Deg.	Longitude Min.	E or W	Date Day	Date Mo.	Date Yr.	Time GMT Hr.	Time GMT Min.	Dry Bulb	Wet Bulb	Bar. mb 1016.0	S.S.	Vis.	Wind Dir.	Wind Sp.	Cloud Type	Weath.	Bottom Depth, m	Sta. Name or I.D
001	54	17 06	N	158	31 62	W	20	MAY	93	03	44	068	068	163	7	00	01	28 62	1	0	66 BPR	46

CTD
Type & SN _____ 91220-_____
Press. SN _____ 25084 _____
Temp. SN _____ 701 _____
Cond. SN _____ 303 _____
_____
_____

Monitor Checks

	on Deck	at Surface
Press.	_____	_____
Temp.	_____	_____
Cond.	_____	_____
Other	_____	_____

Times   JD/Time

	JD/Time
Data on	_____
at Surface	_____
Start Down	_____
at Bottom	_____
Start Up	_____
at Surface	_____
Data off	_____

Data Location

Tape/Diskette I.D. _____

File Name/Header
Cast 001 20 May
_____ 0326
_____

Remarks Seacat included on
501 w/o Rosette for calibration

Pos.	Bot.	T Rack	Trip Depth	Time @ Depth	Time @ Trip	Monitor Values Press.	Monitor Values Temp.	Monitor Values Cond.	Monitor Values Other	Conv. Mon. Values-CTD Press.	Conv. Mon. Values-CTD Temp.	Conv. Mon. Values-CTD Cond.	Conv. Mon. Values-CTD Sal.	Sample Bot. Data Therm-P	Sample Bot. Data Avg Tw	Sample Bot. Data Sal.	Sal. Bot. #	Other Samp.	Pos.
1	✓	B	300	034851	035354					300.829	4.023	31.830	33.956				08		1
2																			2
3																			3
4																			4
5																			5
6																			6
7																			7
8																			8
9																			9
10																			10
11																			11
12																			12

Initials MC
✓

Consec. Cast #	Vessel	Proj. & Leg	Event#	Vessel Sta. I.D.	Instructions	Sta. Designation
002	021	MF-93-07	75			BPR47

Consec. Cast #	Latitude Deg.	Min.	N or S	Longitude Deg.	Min.	E or W	Date Day	Mo.	Yr.	Time GMT Hr.	Min.	Dry Bulb	Wet Bulb	Bar. mb	S.S.	Vis.	Wind Dir.	Wind Sp.	Cloud Type	Weath.	Bottom Depth, m	Sta. Name or I.D.
002	53	25 36	n	157	16 90	W	20	MAY	93	14	49	074	070	1011.0	1	3	732	007	8	7	2465 0	BPR47

CTD
Type & SN: 91220-
Press. SN: 25084
Temp. SN: 701
Cond. SN: 303

Monitor Checks

	on Deck	at Surface
Press.		
Temp.		
Cond.		
Other		

Times   JD/Time

Data on	
at Surface	
Start Down	
at Bottom	
Start Up	
at Surface	
Data off	

Data Location

Tape/Diskette I.D.

File Name/Header: Cast 002-20May1433

Remarks

Pos.	Bot.	T Rack	Trip Depth	Time @ Depth	Time @ Trip	Monitor Values Press.	Temp.	Cond.	Other	Conv. Mon. Values-CTD Press.	Temp.	Cond.	Sal.	Sample Bot.Data Therm-P	Avg Tw	Sal.	Sal. Bot. #	Other Samp.	Pos.
1		✓	500	14.49	14:54					502.158	3.561	31.695	34.169				29		1
2																			2
3																			3
4																			4
5																			5
6																			6
7																			7
8																			8
9																			9
10																			1
11																			1
12																			1

Initials WF
✓

Consec. Cast #	Vessel	Proj. & Leg	Event #	Vessel Sta. I.D.	Instructions	Sta. Designation
003	MF	MF-93-07	97			

Consec. Cast #	Latitude Deg.	Min.	N or S	Longitude Deg.		E or W	Date JD=141 Day	Mo.	Yr.	Time GMT Hr.	Min.	Dry Bulb	Wet Bulb	Bar. mb 1007.2	S.S.	Vis.	Wind Dir.	Wind Sp.	Cloud	Type	Weath.	Bottom Depth, m	Sta. Name or I.D.
0 0 3	5 2	0 2 . 7 9	N	1 5 8	4 5 . 2 5	W	2 1	MAY	9 3	0 7 1 0	0 5 3	0 6 8	0 7 4 7	2 9 5	2 8	6	7	1 4 7 5 6 3	PR4 8

CTD
Type & SN 91220-
Press. SN 25084
Temp. SN 701
Cond. SN 303

Monitor Checks

	on Deck	at Surface
Press.		
Temp.		
Cond.		
Other		

Times / **JD/Time**
Data on _____ 0428
at Surface _____ 0430
Start Down _____ 0430
at Bottom _____ 0444
Start Up _____ 04 45
at Surface _____ 0502
Data off _____

Data Location
BPR 36/ released
Tape/Diskette I.D. / File Name/Header
Cast 003 21 May 0428

Remarks   504 w/o

Pos.	Bot.	T Rack	Trip Depth	Time @ Depth	Time @ Trip	Monitor Values Press.	Temp.	Cond.	Other	Conv. Mon. Values-CTD Press.	Temp.	Cond.	Sal.	Sample Bot. Data Therm-P	Avg Tw	Sal.	Sal. Bot. #	Other Samp.	Pos.
1	✓	B	100	045339	045839					101.823	3.800	30.840	33.114				11		1
2																			2
3																			3
4																			4
5																			5
6																			6
7																			7
8																			8
9																			9
10																			10
11																			11
12																			12

Initials mc
✓

Consec. Cast #	Vessel	Proj. & Leg	Event#	Vessel Sta. I.D.	Instructions	Sta. Designation
004	021 MF	MF-93-07	120			

Consec. Cast #	Latitude Deg.	Min.	N or S	Longitude Deg.	E or W	Date Day	Mo.	Yr.	Time GMT Hr.	Min.	Dry Bulb	Wet Bulb	Bar. mb 1002.0	S.S.	Vis.	Wind Dir.	Wind Sp.	Cloud	Type	Weath.	Bottom Depth, m	Sta. Name or I.D.
0 0 4	5 2	0 1 3 0	n	1 5 4 3 5 0	W	2 1	M A Y	9 3	1 8	0 1	0 6 1	0 4 5	0 2 4	7	2	9 0	2 1	6	5	1	4 6 8 7	

CTD
Type & SN __91220-__
Press. SN __25084__
Temp. SN __701__
Cond. SN __303__

Monitor Checks

	on Deck	at Surface
Press.	_____	_____
Temp.	_____	_____
Cond.	_____	_____
Other	_____	_____

Times | JD/Time
Data on _____
at Surface _____
Start Down _____
at Bottom _____
Start Up _____
at Surface _____
Data off _____

Data Location
Tape/Diskette I.D. _____   File Name/Header
cast004-21May1740

Remarks
when 37 Deploy 49 BPR

Pos.	Bot.	T Rack	Trip Depth	Time @ Depth	Trip	Monitor Values Press.	Temp.	Cond.	Other	Conv. Mon. Values-CTD Press.	Temp.	Cond.	Sal.	Sample Bot. Data Therm-P	Avg Tw	Sal.	Sal. Bot. #	Other Samp.	Pos.
1	38	✓	250	18:05:15	18:10:15					250.705	3.889	31.685	33.949				01		1
2																			2
3																			3
4																			4
5																			5
6																			6
7																			7
8																			8
9																			9
10																			10
11																			11
12																			12

Initials WF
✓