

CAS 53 on SEACAT

Vessel Professor Kaganovsky Project & Leg PK-98-01

Station Designation 1-1

Location D-1

Page 1 of 66

Type & SN SBE 19 s/n 650 N. Brown #1150
Press SN 194208-650 s/n 01-1172

Consc Cast # Lat Lon Date: day/month/yr Time (GMT) Dry bulb Wet Bulb Press (mb) Sea State Vis

CTD001 56 16.5N 169 26.3W 8/9/98 0116 8.5 Cloud Amt Type Weather Bottom Depth Sta Name/ID
300/19 CTD001

Remarks 60's 39.4.5° Max Depth
upcast on CTD002 295 m
SEACAT on
Cleaned Air bleed Valve

Pos.	Trip Depth	Pressure	CTD Converted Monitor Values	Salinity	Sample Bottle Data	Salinity	Sample Bottle Number
			Pri. Temp	Sec. Temp			Nut. Chl.
1	245						10
2	100						67
3	50						68
4	40						67
5	30						✓
6	20						66
7	10						✓
8	0						65
9							
10							
11							
12							

Thermocline 40
60

Vessel Professor Kaganovsky

Project & Leg PK-98-01

Station Designation *CTD 2-1*Page *3* of *66*

Type & SN SBE 19 s/n 650

N. Brown #1150

Press SN 194208-650

s/n 01-1172

Consc Cast #

Lat

Lon

Date day/mo/yr

Time (GMT)

Dry bulb

Wet Bulb

Press (mb)

Sea State Vis

CTD003

S6 21.2N

169

28.0W

8/9/98

0307

8.5

Cloud Amt

Type

Weather

Bottom Depth

Sta. Name/ID

Wind Dir/Speed

300/19

135m

CTD003

Remarks

Max Depth 125

Cleared Air bleed Valve

Success on

Pos. Trip Depth

Pressure

CTD Converted Monitor Values

Salinity

Sample Bottle Data

Salinity

Sample Bottle Number

Sal.

Nut. Chl.

1

125

75

80

75

71

73

72

71

71

71

2

75

50

40

50

20

10

0

0

0

0

3

50

40

50

20

10

0

0

0

0

4

40

50

20

10

0

0

0

0

0

5

50

20

10

0

0

0

0

0

0

6

20

10

0

0

0

0

0

0

0

7

10

0

0

0

0

0

0

0

0

8

0

0

0

0

0

0

0

0

0

9

0

0

0

0

0

0

0

0

0

10

0

0

0

0

0

0

0

0

0

11

0

0

0

0

0

0

0

0

0

12

0

0

0

0

0

0

0

0

0

Type & SN SBE 19 s/n 650 N. Brown #1150
 Press SN 194208-650 s/n 01-1172

Consc Cast #	Lat	Lon	Date: day/mo/yr	Time (GMT)	Dry bulb	Wet Bulb	Press (mb)	Sea State	Vis	Sta Name/ID
CTD004A	56 87	169 27 W	8/9/98	0412	8.5			017-1.0 m		CTD004 (call 2)
			Wind Dir/Speed		Cloud Amt	Type	Weather	Bottom Depth		CTD004A-NEX
			080/7					118		Max Depth 110
Remarks: Repeat cast of S79. D-3 for bottles										
Cleaned Air bleed Valve										

Pos.	Trip Depth	CTD Converted Monitor Values			Sample Bottle Data		Sample Bottle Number	
		Pressure	Pri. Temp	Sec. Temp	Salinity	Salinity	Sal.	Nut. Chl.
1	110							
2	80							
3	50							
4	40							
5	30							
6	20							
7	10							
8	0							
9								
10								
11								
12								

Vessel Professor Kaganovsky

Project & Leg PK-98-01

Station Designation D-5 CTD-5

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Type & SN SBE 19 s/n 650

N. Brown #1150

Press SN 194208-650

s/n 01-1172

Consc Cast #

Lat

Lon

Date: day/month/yr

Time (GMT)

Dry bulb

Wet Bulb

Press (mb)

Sea State

Vis

CTD006

56

30.07N

169

28.48W

8/9/98

0736

7.0

Cloud Amt

Type

Weather

Bottom Depth

Sta Name/ID

Wind Dir/Speed

090/10

89 m

CTD 006

Remarks

Max Depth 72m

Cleaned Air bleed Valve

Pos. Trip Depth

Pressure

CTD Converted Monitor Values

Pri. Temp

Sec. Temp

Salinity

Sample Bottle Data

Salinity

Sample Bottle Number

3

1

72

Pressure

Pri. Temp

Sec. Temp

Salinity

Sample Bottle Data

Salinity

Sample Bottle Number

96

Nut. Chl.

95

2

60

Pressure

Pri. Temp

Sec. Temp

Salinity

Sample Bottle Data

Salinity

Sample Bottle Number

94

Nut. Chl.

93

3

50

Pressure

Pri. Temp

Sec. Temp

Salinity

Sample Bottle Data

Salinity

Sample Bottle Number

93

Nut. Chl.

92

4

40

Pressure

Pri. Temp

Sec. Temp

Salinity

Sample Bottle Data

Salinity

Sample Bottle Number

92

Nut. Chl.

91

5

30

Pressure

Pri. Temp

Sec. Temp

Salinity

Sample Bottle Data

Salinity

Sample Bottle Number

91

Nut. Chl.

90

6

20

Pressure

Pri. Temp

Sec. Temp

Salinity

Sample Bottle Data

Salinity

Sample Bottle Number

90

Nut. Chl.

89

7

10

Pressure

Pri. Temp

Sec. Temp

Salinity

Sample Bottle Data

Salinity

Sample Bottle Number

89

Nut. Chl.

88

8

10

Pressure

Pri. Temp

Sec. Temp

Salinity

Sample Bottle Data

Salinity

Sample Bottle Number

88

Nut. Chl.

87

9

10

Pressure

Pri. Temp

Sec. Temp

Salinity

Sample Bottle Data

Salinity

Sample Bottle Number

87

Nut. Chl.

86

10

10

Pressure

Pri. Temp

Sec. Temp

Salinity

Sample Bottle Data

Salinity

Sample Bottle Number

86

Nut. Chl.

85

11

10

Pressure

Pri. Temp

Sec. Temp

Salinity

Sample Bottle Data

Salinity

Sample Bottle Number

85

Nut. Chl.

84

12

10

Pressure

Pri. Temp

Sec. Temp

Salinity

Sample Bottle Data

Salinity

Sample Bottle Number

84

Nut. Chl.

83

Vessel Professor Kaganovsky

Project & Leg PK-98-01

Station Designation D-6

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Type & SN SBE 19 s/n 650
Press SN 194208-650N. Brown #1150
s/n 01-1172

Consc Cast #

Lat

Lon

Date: day/month

Time (GMT)

Dry bulb

Wet Bulb

Press (mb)

Sea State

Vis

CTD007

56

34.0 N

169

29.08 W

8/9/98

0827

7.0

Cloud Amt

Type

Weather

Bottom Depth

Sta Name/ID

Wind Dir/Speed

080/10

79 m

CTD007

Remarks NO bottles

Max Depth

fired

71 m

Seacat on

Cleaned Air bleed Valve

Pos.	Trip Depth	Pressure	CTD Converted Monitor Values	Sample Bottle Data	Sample Bottle Number			
			Pri. Temp	Sec. Temp	Salinity	Sal.	Nut.	Chl.
1	71						100	
2	50							✓
3	40						99	✓
4	30							✓
5	20						98	✓
6	10							✓
7	0						97	✓
8								
9								
10								
11								
12								

Vessel Professor Kaganovsky

Project & Leg PK-98-01

Station Designation D-6 (6-2)

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Type & SN SBE 19 s/n 650
Press SN 194208-650N. Brown #1150
s/n 01-1172

Consc Cast # Lat Lon Date: day/month/yr Time (GMT) Dry bulb Wet Bulb Press (mb) Sea State Vis

CTD008 56 34.00 N 169 29.9 W 8/9/98 0838 7.0 Cloud Amt Type Weather Bottom Depth Sta. Name/ID

Wind Dir/Speed 080/10

Remarks nedo Max Depth 67m

Circat on

Cleaned Air bleed Valve

Pos.	Trip Depth	Pressure	CTD Converted Monitor Values	Sample Bottle Data	Sample Bottle Number
1	67m		Pri. Temp	Salinity	Sal. Nut. Chl.
2	50				
3	40				
4	30				
5	20				
6	10				
7	0				
8					
9					
10					
11					
12					

Vessel Professor Kaganovsky

Project & Leg PK-98-01

Station Designation

D-7 7-1

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Type & SN SBE 19 s/n 650
Press SN 194208-650N. Brown #1150
s/n 01-1172

Consc Cast # Lat

Lon

Date: day/month

Time (GMT)

Dry bulb

Wet Bulb

Press (mb)

Sea State

Vis

CTD009

56

33.38

169

29.05 W

8/9/98

Wind Dir/Speed

090.5

7.0

Cloud Amt

Type

Weather

Bottom Depth

Sta Name/ID

080/14

0.7 0.7 m

47 m

CTD009

Remarks

Max Depth

Cleared Air bleed Valve

Pos.

Trip Depth

Pressure

Pri. Temp

Sec. Temp

Salinity

Sample Bottle Data

Salinity

Sal.

Nut.

Chl.

1

39

Pressure

Pri. Temp

Sec. Temp

Salinity

Sample Bottle Data

Salinity

Sal.

Nut.

Chl.

2

30

Pressure

Pri. Temp

Sec. Temp

Salinity

Sample Bottle Data

Salinity

Sal.

Nut.

Chl.

3

20

Pressure

Pri. Temp

Sec. Temp

Salinity

Sample Bottle Data

Salinity

Sal.

Nut.

Chl.

4

100

Pressure

Pri. Temp

Sec. Temp

Salinity

Sample Bottle Data

Salinity

Sal.

Nut.

Chl.

5

100

Pressure

Pri. Temp

Sec. Temp

Salinity

Sample Bottle Data

Salinity

Sal.

Nut.

Chl.

6

100

Pressure

Pri. Temp

Sec. Temp

Salinity

Sample Bottle Data

Salinity

Sal.

Nut.

Chl.

7

100

Pressure

Pri. Temp

Sec. Temp

Salinity

Sample Bottle Data

Salinity

Sal.

Nut.

Chl.

8

100

Pressure

Pri. Temp

Sec. Temp

Salinity

Sample Bottle Data

Salinity

Sal.

Nut.

Chl.

9

100

Pressure

Pri. Temp

Sec. Temp

Salinity

Sample Bottle Data

Salinity

Sal.

Nut.

Chl.

10

100

Pressure

Pri. Temp

Sec. Temp

Salinity

Sample Bottle Data

Salinity

Sal.

Nut.

Chl.

11

100

Pressure

Pri. Temp

Sec. Temp

Salinity

Sample Bottle Data

Salinity

Sal.

Nut.

Chl.

12

100

Pressure

Pri. Temp

Sec. Temp

Salinity

Sample Bottle Data

Salinity

Sal.

Nut.

Chl.

18205
26852

Vessel Professor Kaganovsky		Project & Leg PK-98-01		Station Designation C-3		Page 11 of 66	
Type & SN	SBE 19 s/n 650	N. Brown #1150					
Press SN	194208-650	s/n 01-1172					
Consc Cast #	Lat	Lon	Date day/month	Time (GMT)	Dry bulb	Wet Bulb	Press (mb)
C70010	57	0019N 169	10/9/98	0331	7.5		
			Wind Dir/Speed		Cloud Amt	Type	Weather
			080/16				Bottom Depth
							68 m
							Sta. Name/ID
							C7D010
Remarks							Max Depth
							60 m
Cleaned Air bleed Valve							✓

Pos.	Trip Depth	Pressure	CTD Converted Monitor Values	Salinity	Sample Bottle Data	Salinity	Sample Bottle Number	Sal.	Nut.	Chl.
1	62						✓	108		
2	50									
3	40									
4	30									
5	20									
6	10									
7	0									
8										
9										
10										
11										
12										

12-18

Vessel Professor Kaganovsky

Project & Leg PK-98-01

Station Designation

C-4

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Type & SN SBE 19 s/n 650
Press SN 194208-650N. Brown #1150
s/n 01-1172

Consc Cast #

Lat

Lon

Date: day/month

Time (GMT)

Dry bulb

Wet Bulb

Press (mb)

Sea State

Vis

CTD 011

56

57.86

169

41.15

10/9/98

0409

7.5

Cloud Amt

Type

Weather

Bottom Depth

Sta. Name/ID

Wind Dir/Speed

0200/16

Remarks

Max Depth

62m

Cleaned Air bleed Valve

✓

Pos.

Trip Depth

Pressure

CTD Converted Monitor Values

Pri. Temp

Sec. Temp

Sample Bottle Data

Salinity

Sample Bottle Number

Sal.

Nut. Chl.

1

62 m

Pressure

CTD Converted Monitor Values

Pri. Temp

Sec. Temp

Sample Bottle Data

Salinity

Sample Bottle Number

Sal.

Nut. Chl.

2

50

Pressure

CTD Converted Monitor Values

Pri. Temp

Sec. Temp

Sample Bottle Data

Salinity

Sample Bottle Number

Sal.

Nut. Chl.

3

40

Pressure

CTD Converted Monitor Values

Pri. Temp

Sec. Temp

Sample Bottle Data

Salinity

Sample Bottle Number

Sal.

Nut. Chl.

4

30

Pressure

CTD Converted Monitor Values

Pri. Temp

Sec. Temp

Sample Bottle Data

Salinity

Sample Bottle Number

Sal.

Nut. Chl.

5

20

Pressure

CTD Converted Monitor Values

Pri. Temp

Sec. Temp

Sample Bottle Data

Salinity

Sample Bottle Number

Sal.

Nut. Chl.

6

10

Pressure

CTD Converted Monitor Values

Pri. Temp

Sec. Temp

Sample Bottle Data

Salinity

Sample Bottle Number

Sal.

Nut. Chl.

7

0

Pressure

CTD Converted Monitor Values

Pri. Temp

Sec. Temp

Sample Bottle Data

Salinity

Sample Bottle Number

Sal.

Nut. Chl.

8

Pressure

CTD Converted Monitor Values

Pri. Temp

Sec. Temp

Sample Bottle Data

Salinity

Sample Bottle Number

Sal.

Nut. Chl.

9

Pressure

CTD Converted Monitor Values

Pri. Temp

Sec. Temp

Sample Bottle Data

Salinity

Sample Bottle Number

Sal.

Nut. Chl.

10

Pressure

CTD Converted Monitor Values

Pri. Temp

Sec. Temp

Sample Bottle Data

Salinity

Sample Bottle Number

Sal.

Nut. Chl.

11

Pressure

CTD Converted Monitor Values

Pri. Temp

Sec. Temp

Sample Bottle Data

Salinity

Sample Bottle Number

Sal.

Nut. Chl.

12

Pressure

CTD Converted Monitor Values

Pri. Temp

Sec. Temp

Sample Bottle Data

Salinity

Sample Bottle Number

Sal.

Nut. Chl.

Vessel Professor Kaganovsky

Project & Leg PK-98-01

Station Designation C-5

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Type & SN SBE 19 s/n 650

N. Brown #1150

Press SN 194208-650

s/n 01-1172

Consc Cast #

Lat

Lon

Date: day/month/yr

Time (GMT)

Dry bulb

Wet Bulb

Press (mb)

Sea State

Vis

CTD 012

56 54.85

169

4009W 10/9/98

0452

7.0

Cloud Amt

Type

Weather

Bottom Depth

Sta. Name/ID

Wind Dir/Speed

000/16

74m

CTD 012

Remarks 30m bottle

got lost Max Depth 66m

Cleaned Air bleed Valve

Pos.

Trip Depth

Pressure

CTD Converted Monitor Values

Pri. Temp

Sec. Temp

Salinity

Sample Bottle Data

Sal.

Sample Bottle Number

Sal.

Nut.

Chl.

6

1

66

Pressure

CTD Converted Monitor Values

Salinity

Sample Bottle Data

Sal.

Sample Bottle Number

Sal.

Nut.

Chl.

6

2

50

Pressure

CTD Converted Monitor Values

Salinity

Sample Bottle Data

Sal.

Sample Bottle Number

Sal.

Nut.

Chl.

6

3

40

Pressure

CTD Converted Monitor Values

Salinity

Sample Bottle Data

Sal.

Sample Bottle Number

Sal.

Nut.

Chl.

6

4

30

Pressure

CTD Converted Monitor Values

Salinity

Sample Bottle Data

Sal.

Sample Bottle Number

Sal.

Nut.

Chl.

6

5

20

Pressure

CTD Converted Monitor Values

Salinity

Sample Bottle Data

Sal.

Sample Bottle Number

Sal.

Nut.

Chl.

6

6

10

Pressure

CTD Converted Monitor Values

Salinity

Sample Bottle Data

Sal.

Sample Bottle Number

Sal.

Nut.

Chl.

6

7

0

Pressure

CTD Converted Monitor Values

Salinity

Sample Bottle Data

Sal.

Sample Bottle Number

Sal.

Nut.

Chl.

6

8

0

Pressure

CTD Converted Monitor Values

Salinity

Sample Bottle Data

Sal.

Sample Bottle Number

Sal.

Nut.

Chl.

6

9

0

Pressure

CTD Converted Monitor Values

Salinity

Sample Bottle Data

Sal.

Sample Bottle Number

Sal.

Nut.

Chl.

6

10

0

Pressure

CTD Converted Monitor Values

Salinity

Sample Bottle Data

Sal.

Sample Bottle Number

Sal.

Nut.

Chl.

6

11

0

Pressure

CTD Converted Monitor Values

Salinity

Sample Bottle Data

Sal.

Sample Bottle Number

Sal.

Nut.

Chl.

6

12

0

Pressure

CTD Converted Monitor Values

Salinity

Sample Bottle Data

Sal.

Sample Bottle Number

Sal.

Nut.

Chl.

6

Vessel Professor Kaganovsky

Project & Leg PK-98-01

Station Designation C-6

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Type & SN SBE 19 s/n 650
Press SN 194208-650N. Brown #1150
s/n 01-1172

Consc Cast # Lat

Lon

Date/day/mo/yr

Time (GMT)

Dry bulb

Wet Bulb

Press (mb)

Sea State Vis

CTD013

56 48.31 N

169

37.6 W 10/9/98

0605

7.0

Cloud Amt

Type

Weather

Bottom Depth 72m

Sta Name/ID CTD013

Wind Dir/Speed 000/16

Remarks

30m bottle
Capped
Max Depth 65m

Cleaned Air bleed Valve ✓

Pos.	Trip Depth	Pressure	CTD Converted Monitor Values		Sample Bottle Data		Sample Bottle Number	
			Pri. Temp	Sec. Temp	Salinity	Salinity	Sal.	Nut. Chl.
1	55						122	/
2	50						124	/
3	40						123	/
4	30						119	/
5	20						118	✓
6	10							
7								
8								
9								
10								
11								
12								

Vessel Professor Kaganovsky

Project & Leg PK-98-01

Station Designation

C-8

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Type & SN SBE 19 s/n 650
Press SN 194208-650N. Brown #1150
s/n 01-1172

Consc Cast #

Lat

Lon

Date: day/month/yr

Time (GMT)

Dry bulb

Wet Bulb

Press (mb)

Sea State

Vis

CTD 015

56

38.11 N

169°

35.99 W

10/2/98

0801

7.0

Cloud Amt

Type

Weather

Bottom Depth

Sta. Name/ID

Wind Dir/Speed

320/16

4 m

CTD 015

Remarks

Max Depth 63 m

Cleaned Air bleed Valve

Pos. Trip Depth

Pressure

CTD Converted Monitor Values

Pri. Temp

Sec. Temp

Salinity

Sample Bottle Data

Salinity

Sample Bottle Number

Sal.

Nut. Chl.

1

62

2

50

3

40

4

30

5

20

6

10

7

10

8

Vessel Professor Kaganovsky

Project & Leg PK-98-01

Station Designation

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Type & SN SBE 19 s/n 650
Press SN 194208-650N. Brown #1150
s/n 01-1172

Consc Cast # Lat Lon Date: day/month Time (GMT) Dry bulb Wet Bulb Press (mb) Sea State Vis

CTD016 56 36.05N 169.37W 10/9/98 0823 7.0 2.0 ~ Sta Name/ID

Wind Dir/Speed 320/16 Cloud Amt Type Weather Bottom Depth 38 CTD016

Remarks Max Depth 30

Cleared Air bleed Valve ✓

Pos.	Trip Depth	Pressure	CTD Converted Monitor Values	Sample Bottle Data	Sample Bottle Number			
			Pri. Temp	Sec. Temp	Salinity	Sal.	Nut.	Chl.
1	30						2482	✓
2	20						2481	✓
3	10						2480	✓
4	0						2479	✓
5								
6								
7								
8								
9								
10								
11								
12								

Vessel Professor Kaganovsky Project & Leg PK-98-01

Station Designation C-2

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Type & SN SBE 19 s/n 650 N. Brown #1150
Press SN 194208-650 s/n 01-1172

Consc Cast Lat Lon Date: day/mo/yr Time (GMT) Dry bulb Wet Bulb Press (m) Sea Stat Vis

C10017 57° 03.4'N 169° 43.42'W 9/98 0203

Wind Dir/Speed

320/4

Cloud Amt

7/0

Type

Weather

Bottom Depth

Sta. Name/ID

Remarks

Max Depth 57m

Cleaned Air bleed Valve ✓

Pos.	Trip Depth	Pressure	CTD Converted Monitor Values		Sample Bottle Data	Sample Bottle Number	
			Pri. Temp	Sec. Temp	Salinity	Sal.	Nut. Chl.
1	57						2186 ✓
2	40						2185 ✓
3	30						2184 ✓
4	20						2183 ✓
5	10						2182 ✓
6	6						2181 ✓
7							
8							
9							
10							
11							
12							

C-T18. Next
19. Next

Vessel Professor Kaganovsky

Project & Leg PK-98-01

Station Designation

B-2

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Type & SN SBE 19 s/n 650

N. Brown #1150

Press SN 194208-650

s/n 01-1172

Consc Cast #

Lat

Lon

Date: day/mo/yr

Time (GMT)

Dry bulb

Wet Bulb

Press (mb)

Sea State

Vis

CTD019

S6

47.40N

170

3.18W

12/9/98

0042

7.0

Cloud Amt

Type

Weather

Bottom Depth

Sta. Name/ID

Wind Dir/Speed

320/4

111

CTD019

Remarks

Max Depth 103

Cleaned Air bleed Valve ✓

Pos. Trip Depth

Pressure

CTD Converted Monitor Values

Salinity

Sample Bottle Data

Salinity

Sample Bottle Number / 0

Sal.

Nut.

Chl.

1

103

2

70

3

50

4

40

5

30

6

20

7

10

8

0

9

10

11

12

Vessel Professor Kaganovsky

Project & Leg PK-98-01

Station Designation B-3

Page 21 of 66

Type & SN SBE 19 s/n 650
Press SN 194208-650N. Brown #1150
s/n 01-1172

Consc Cast # Lat

Lon

Date: day/month/year

Time (GMT)

Dry bulb

Wet Bulb

Press (mb)

Sea State Vis

CTD020

56

53.01N

170

26.53W

12/9/98

0151

7.0

Cloud Amt

Type

Weather

Bottom Depth

Sta Name/ID

Wind Dir/Speed

310/4

2.0 m

98 m

CTD020

Remarks

Max Depth

070m

Cleaned Air bleed Valve ✓

Pos.

Trip Depth

Pressure

CTD Converted Monitor Values

Prt. Temp

Sec. Temp

Salinity

Sample Bottle Data

Salinity

Sample Bottle Number

Sal.

Nut. Chl.

1

92

70

2202

2201

2200

2199

2198

2197

2196

2195

2194

2193

2192

2191

2190

2189

2188

2187

2186

2185

2184

2183

2182

2181

2180

2179

2178

2177

2176

2175

2174

2173

2172

2171

2170

2

70

2202

2201

2200

2199

2198

2197

2196

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2178

2177

2176

2175

2174

2173

2172

2171

2170

3

50

2202

2201

2200

2199

2198

2197

2196

2195

2194

2193

2192

2191

2190

2189

2188

2187

2186

2185

2184

2183

2182

2181

2180

2179

2178

2177

2176

2175

2174

2173

2172

2171

2170

4

50

2202

2201

2200

2199

2198

2197

2196

2195

2194

2193

2192

2191

2190

2189

2188

2187

2186

2185

2184

2183

2182

2181

2180

2179

2178

2177

2176

2175

2174

2173

2172

2171

2170

5

50

2202

2201

2200

2199

2198

2197

2196

2195

2194

2193

2192

2191

2190

2189

2188

2187

2186

2185

2184

2183

2182

2181

2180

2179

2178

2177

2176

2175

2174

2173

2172

2171

2170

6

50

2202

2201

2200

2199

2198

2197

2196

2195

2194

2193

2192

2191

2190

2189

2188

2187

2186

2185

2184

2183

2182

2181

2180

2179

2178

2177

2176

2175

2174

2173

2172

2171

2170

7

30

2202

2201

2200

2199

2198

2197

2196

2195

2194

2193

2192

2191

2190

2189

2188

2187

2186

2185

2184

2183

2182

2181

2180

2179

2178

2177

2176

2175

2174

2173

2172

2171

2170

8

30

2202

2201

2200

2199

2198

2197

2196

2195

2194

2193

2192

2191

2190

2189

2188

2187

2186

2185

2184

2183

2182

2181

2180

2179

2178

2177

2176

2175

2174

2173

2172

2171

2170

9

20

2202

2201

2200

2199

2198

2197

2196

2195

2194

2193

2192

2191

2190

2189

2188

2187

2186

2185

2184

2183

2182

2181

2180

2179

2178

2177

2176

2175

2174

2173

2172

2171

2170

10

20

2202

2201

2200

2199

2198

2197

2196

2195

2194

2193

Vessel	Professor Kaganovsky	Project & Leg	PK-98-01	Station Designation	Page 23 of 66
Type & SN	SBE 19 s/n 650	N. Brown #1150			
Press SN	194208-650	s/n 01-1172			
Consc Cast #	Lat	Lon	Date: day/mo/yr	Time (GMT)	Dry bulb
CTD 022	56	57.08 N	170 21.10W 12/9/98	0338	9.0 m
			Wind Dir/Speed		Cloud Amt
			310 / 4		Type
					Weather
					Bottom Depth
					Sta Name/ID
					Max Depth 71 m
					Cleaned Air bleed Valve ✓
Pos.	Trip Depth	Pressure	CTD Converted Monitor Values	Sample Bottle Data	Sample Bottle Number
1	71		Pri. Temp	Sec. Temp	Salinity
2	60				Salinity
3	50				Salinity
4	40				Salinity
5	30				Salinity
6	20				Salinity
7	10				Salinity
8	0				Salinity
9					Salinity
10					Salinity
11					Salinity
12					Salinity

Vessel Professor Kaganovsky

Project & Leg PK-98-01

Station Designation

B-6

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Type & SN SBE 19 s/n 650
Press SN 194208-650N. Brown #1150
s/n 01-1172

Consc Cast #

Lat

Lon

Date: day/month/year

Time (GMT)

Dry bulb

Wet Bulb

Press (mb)

Sea State

Vis

CTD 023

57

00.3 N

170

18.8 W

12

9

98

0429

9.0

Cloud Amt

Type

Weather

Bottom Depth

Sta Name/ID

Wind Dir/Speed

310/4

71 m

56-1

Remarks

Max Depth 63 m

Cleared Air bleed Valve ✓

Pos.

Trip Depth

Pressure

CTD Converted Monitor Values

Pri. Temp

Sec. Temp

Salinity

Sample Bottle Data

Salinity

Sal.

Sample Bottle Number

Nut. Chl.

1

63

Pressure

Pri. Temp

Sec. Temp

Salinity

Sample Bottle Data

Salinity

Sal.

Sample Bottle Number

Nut. Chl.

2

50

Pressure

Pri. Temp

Sec. Temp

Salinity

Sample Bottle Data

Salinity

Sal.

Sample Bottle Number

Nut. Chl.

3

40

Pressure

Pri. Temp

Sec. Temp

Salinity

Sample Bottle Data

Salinity

Sal.

Sample Bottle Number

Nut. Chl.

4

30

Pressure

Pri. Temp

Sec. Temp

Salinity

Sample Bottle Data

Salinity

Sal.

Sample Bottle Number

Nut. Chl.

5

20

Pressure

Pri. Temp

Sec. Temp

Salinity

Sample Bottle Data

Salinity

Sal.

Sample Bottle Number

Nut. Chl.

6

10

Pressure

Pri. Temp

Sec. Temp

Salinity

Sample Bottle Data

Salinity

Sal.

Sample Bottle Number

Nut. Chl.

7

0

Pressure

Pri. Temp

Sec. Temp

Salinity

Sample Bottle Data

Salinity

Sal.

Sample Bottle Number

Nut. Chl.

8

0

Pressure

Pri. Temp

Sec. Temp

Salinity

Sample Bottle Data

Salinity

Sal.

Sample Bottle Number

Nut. Chl.

9

0

Pressure

Pri. Temp

Sec. Temp

Salinity

Sample Bottle Data

Salinity

Sal.

Sample Bottle Number

Nut. Chl.

10

0

Pressure

Pri. Temp

Sec. Temp

Salinity

Sample Bottle Data

Salinity

Sal.

Sample Bottle Number

Nut. Chl.

11

0

Pressure

Pri. Temp

Sec. Temp

Salinity

Sample Bottle Data

Salinity

Sal.

Sample Bottle Number

Nut. Chl.

12

0

Pressure

Pri. Temp

Sec. Temp

Salinity

Sample Bottle Data

Salinity

Sal.

Sample Bottle Number

Nut. Chl.

Vessel Professor Kaganovsky

Project & Leg PK-98-01

Station Designation B-7

Page 25 of 66

Type & SN SBE 19 s/n 650

N. Brown #1150

Press SN 194208-650

s/n 01-1172

Consc Cast #

Lat

Lon

Date: day/month/year

Time (GMT)

Dry bulb

Wet Bulb

Press (mb)

Sea State

Vis

CTD024

57 02.57 N

170

16.65 W

12/9/98

0510

8.0

Cloud Amt

Type

Weather

Bottom Depth

Sta Name/ID

Wind Dir/Speed

330/4

58

57-1

Remarks

Max Depth 50

Cleared Air bleed Valve

Pos. Trip Depth

Pressure

CTD Converted Monitor Values

Pri. Temp

Sec. Temp

Salinity

Sample Bottle Data

Salinity

Sample Bottle Number

Nut. Chl.

1

50

Pressure

Pri. Temp

Sec. Temp

Salinity

Sample Bottle Data

Salinity

Sample Bottle Number

Nut. Chl.

2

40

Pressure

Pri. Temp

Sec. Temp

Salinity

Sample Bottle Data

Salinity

Sample Bottle Number

Nut. Chl.

3

30

Pressure

Pri. Temp

Sec. Temp

Salinity

Sample Bottle Data

Salinity

Sample Bottle Number

Nut. Chl.

4

20

Pressure

Pri. Temp

Sec. Temp

Salinity

Sample Bottle Data

Salinity

Sample Bottle Number

Nut. Chl.

5

10

Pressure

Pri. Temp

Sec. Temp

Salinity

Sample Bottle Data

Salinity

Sample Bottle Number

Nut. Chl.

6

0

Pressure

Pri. Temp

Sec. Temp

Salinity

Sample Bottle Data

Salinity

Sample Bottle Number

Nut. Chl.

7

Pressure

Pri. Temp

Sec. Temp

Salinity

Sample Bottle Data

Salinity

Sample Bottle Number

Nut. Chl.

8

Pressure

Pri. Temp

Sec. Temp

Salinity

Sample Bottle Data

Salinity

Sample Bottle Number

Nut. Chl.

9

Pressure

Pri. Temp

Sec. Temp

Salinity

Sample Bottle Data

Salinity

Sample Bottle Number

Nut. Chl.

10

Pressure

Pri. Temp

Sec. Temp

Salinity

Sample Bottle Data

Salinity

Sample Bottle Number

Nut. Chl.

11

Pressure

Pri. Temp

Sec. Temp

Salinity

Sample Bottle Data

Salinity

Sample Bottle Number

Nut. Chl.

12

Pressure

Pri. Temp

Sec. Temp

Salinity

Sample Bottle Data

Salinity

Sample Bottle Number

Nut. Chl.

Vessel Professor Kaganovsky

Project & Leg PK-98-01

Station Designation

B-8

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Type & SN

SBE 19 s/n 650

N. Brown #1150

Press SN

194208-650

s/n 01-1172

Consc Cast #

Lat

Lon

Date: day/month/yr

Time (GMT)

Dry bulb

Wet Bulb

Press (mb)

Sea State

Vis

CTD025

57

05.87 N 170°

11.40 W

12/9/98

0552

7.5

Cloud Amt

Type

Weather

Bottom Depth

Sta Name/ID

Wind Dir/Speed

350/4

Remarks

Cleaned Air bleed Valve

Max Depth

31m

Pos.

Trip Depth

Pressure

CTD Converted Monitor Values

Pri. Temp

Sec. Temp

Salinity

Sample Bottle Data

Salinity

Sample Bottle Number

Nut. Chl.

1

31

20

10

0

2241

2242

2243

2244

2245

2246

2247

2248

2

20

10

0

2249

2250

2251

2252

2253

2254

2255

2256

2257

3

20

10

0

2258

2259

2260

2261

2262

2263

2264

2265

2266

4

20

10

0

2267

2268

2269

2270

2271

2272

2273

2274

2275

5

20

10

0

2276

2277

2278

2279

2280

2281

2282

2283

2284

6

20

10

0

2285

2286

2287

2288

2289

2290

2291

2292

2293

7

20

10

0

2294

2295

2296

2297

2298

2299

2300

2301

2302

8

20

10

0

2303

2304

2305

2306

2307

2308

2309

2310

2311

9

20

10

0

2312

2313

2314

2315

2316

2317

2318

2319

2320

10

20

10

0

2321

2322

2323

2324

2325

2326

2327

2328

2329

11

20

10

0

2330

2331

2332

2333

2334

2335

2336

2337

2338

12

20

10

0

2339

2340

2341

2342

2343

2344

2345

2346

2347

Vessel Professor Kaganovsky

Project & Leg PK-98-01

Station Designation

A-2

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Type & SN SBE 19 s/n 650

N. Brown #1150

Press SN 194208-650

s/n 01-1172

Consc Cast #

Lat

Lon

Date: day/month/year

Time (GMT)

Dry bulb

Wet Bulb

Press (mb)

Sea State Vis

CTD0027

S7'29.47N

170° 00.71W

13/9/98

0111

8.0

Cloud Amt

Type

Weather

Bottom Depth

Sta. Name/ID

Wind Dir/Speed
300/3

73m

70-1

Remarks

Max Depth 65m

Cleaned Air bleed Valve ✓

Pos.	Trip Depth	Pressure	CTD Converted Monitor Values	Salinity	Sample Bottle Data	Sample Bottle Number
			Pri. Temp	Sec. Temp	Salinity	Sal. Nut. Chl.
1	65					2239 ✓
2	60					2238 ✓
3	40					2237 ✓
4	30					2236 ✓
5	20					2235 ✓
6	0					2234 ✓
7						
8						
9						
10						
11						
12						

Vessel Professor Kaganovsky

Project & Leg PK-98-01

Station Designation

A-3

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Type & SN SBE 19 s/n 650

N. Brown #1150

Press SN 194208-650

s/n 01-1172

Consc Cast #

Lat

Lon

Date: day/mo/yr

Time (GMT)

Dry bulb

Wet Bulb

Press (mb)

Sea State

Vis

CTD028

57

26.01 N 170.0318 W

13/9/98

0154

8.0

Cloud Amt

Type

Weather

Bottom Depth

Sta. Name/ID

Wind Dir/Speed

300/3

6.7

68m

71-1

Remarks

Max Depth

60m

Cleaned Air bleed Valve

✓

Pos.

Trip Depth

Pressure

CTD Converted Monitor Values

Pri. Temp

Sec. Temp

Salinity

Sample Bottle Data

Salinity

Sample Bottle Number

Sal.

Nut. Chl.

1

60

965

✓

964

✓

963

✓

962

✓

961

✓

2290

✓

✓

✓

✓

✓

✓

✓

✓

✓

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2

50

965

✓

964

✓

963

✓

962

✓

961

✓

2290

✓

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✓

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961

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9

0

965

✓

964

✓

963

✓

962

✓

961

✓

2290

✓

✓

Vessel Professor Kaganovsky

Project & Leg PK-98-01

Station Designation

A-4

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Type & SN SBE 19 s/n 650
Press SN 194208-650N. Brown #1150
s/n 01-1172

Consc Cast #

Lat

Lon

Date: day/month/year

Time (GMT)

Dry bulb

Wet Bulb

Press (mb)

Sea State

Vis

CTD029

57

170

06/24/98

0230

9.0

1029

0.7 m

66 m

72-1

Wind Dir/Speed

Cloud Amt

Type

Weather

Bottom Depth

Sta. Name/ID

300/4

Remarks

Max Depth

58 m

Cleared Air bleed Valve

Pos.

Trip Depth

Pressure

CTD Converted Monitor Values

Salinity

Sample Bottle Data

Salinity

Sal.

Sample Bottle Number

Nut.

Chl.

1

58

969

✓

2

50

3

30

4

20

968

✓

5

20

967

✓

6

10

966

✓

7

8

9

10

11

12

Vessel Professor Kaganovsky

Project & Leg PK-98-01

Station Designation

A-5

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Type & SN SBE 19 s/n 650
Press SN 194208-650N. Brown #1150
s/n 01-1172

Consc Cast # Lat Lon Date:day/month/yr Time (GMT) Dry bulb Wet Bulb Press (mb) Sea State Vis

CTD03057 24.03 N 170.07.8 W 13/9/98 0303

Wind Dir/Speed

300/4

Cloud Amt

Type

Weather

Bottom Depth

Sta Name/ID

Remarks

Max Depth 50 m

Cleared Air bleed Valve

Pos. Trip Depth

Pressure

CTD Converted Monitor Values

Pri. Temp

Sec. Temp

Salinity

Sample Bottle Data

Salinity

Sal.

Sample Bottle Number 15

Nut. Chl.

✓

973

✓

972

✓

971

✓

970

✓

969

✓

968

✓

967

✓

966

✓

965

✓

964

✓

963

✓

962

✓

961

✓

960

✓

959

✓

958

✓

957

✓

956

✓

955

✓

954

✓

953

✓

952

✓

951

✓

950

✓

949

✓

948

✓

947

✓

946

✓

945

Vessel Professor Kaganovsky

Project & Leg PK-98-01

Station Designation

A-6

Page 32 of 66

Type & SN SBE 19 s/n 650

N. Brown #1150

Press SN 194208-650

s/n 01-1172

Consc Cast #

Lat

Lon

Date: day/month/yr

Time (GMT)

Dry bulb

Wet Bulb

Press (mb)

Sea State

Vis

CTD 031

57° 19.42' N

170° 08.52' W

13/9/98

0329

9.0

1629.8

0.7 m

57 m

74-1

Wind Dir/Speed

Cloud Amt

Type

Weather

Bottom Depth

Sta. Name/ID

300/04

Remarks

Max Depth 49 m

Cleared Air bleed Valve ✓

Pos. Trip Depth

Pressure

CTD Converted Monitor Values

Pri. Temp

Sec. Temp

Salinity

Sample Bottle Data

Salinity

Sal.

Sample Bottle Number

Nut. Chl.

1

49

Pressure

CTD Converted Monitor Values

Pri. Temp

Sec. Temp

Salinity

Sample Bottle Data

Salinity

Sal.

Sample Bottle Number

Nut. Chl.

2

40

Pressure

CTD Converted Monitor Values

Pri. Temp

Sec. Temp

Salinity

Sample Bottle Data

Salinity

Sal.

Sample Bottle Number

Nut. Chl.

3

30

Pressure

CTD Converted Monitor Values

Pri. Temp

Sec. Temp

Salinity

Sample Bottle Data

Salinity

Sal.

Sample Bottle Number

Nut. Chl.

4

20

Pressure

CTD Converted Monitor Values

Pri. Temp

Sec. Temp

Salinity

Sample Bottle Data

Salinity

Sal.

Sample Bottle Number

Nut. Chl.

5

10

Pressure

CTD Converted Monitor Values

Pri. Temp

Sec. Temp

Salinity

Sample Bottle Data

Salinity

Sal.

Sample Bottle Number

Nut. Chl.

6

0

Pressure

CTD Converted Monitor Values

Pri. Temp

Sec. Temp

Salinity

Sample Bottle Data

Salinity

Sal.

Sample Bottle Number

Nut. Chl.

7

0

Pressure

CTD Converted Monitor Values

Pri. Temp

Sec. Temp

Salinity

Sample Bottle Data

Salinity

Sal.

Sample Bottle Number

Nut. Chl.

8

0

Pressure

CTD Converted Monitor Values

Pri. Temp

Sec. Temp

Salinity

Sample Bottle Data

Salinity

Sal.

Sample Bottle Number

Nut. Chl.

9

0

Pressure

CTD Converted Monitor Values

Pri. Temp

Sec. Temp

Salinity

Sample Bottle Data

Salinity

Sal.

Sample Bottle Number

Nut. Chl.

10

0

Pressure

CTD Converted Monitor Values

Pri. Temp

Sec. Temp

Salinity

Sample Bottle Data

Salinity

Sal.

Sample Bottle Number

Nut. Chl.

11

0

Pressure

CTD Converted Monitor Values

Pri. Temp

Sec. Temp

Salinity

Sample Bottle Data

Salinity

Sal.

Sample Bottle Number

Nut. Chl.

12

0

Pressure

CTD Converted Monitor Values

Pri. Temp

Sec. Temp

Salinity

Sample Bottle Data

Salinity

Sal.

Sample Bottle Number

Nut. Chl.

[illegible]

Vessel Professor Kaganovsky

Project & Leg PK-98-01

Station Designation

A-8

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Page _ of _

Type & SN SBE 19 s/n 650

N. Brown #1150

Press SN 194208-650

s/n 01-1172

Consc Cast #

Lat

Lon

Date: day/month/year

Time (GMT)

Dry bulb

Wet Bulb

Press (mb)

Sea State

Vis

CTD033

57

17.25N

170

10.57W

13/9/98

0416

9.0

Cloud Amt

Type

Weather

Bottom Depth

Sta Name/ID

39m

76-1

Wind Dir/Speed

330/4

Remarks

Max Depth

31m

Cleaned Air bleed Valve

✓

Pos.

Trip Depth

Pressure

CTD Converted Monitor Values

Pri. Temp

Sec. Temp

Salinity

Sample Bottle Data

Salinity

Sample Bottle Number

Sal.

Nut. Chl.

1

31

20

10

0

5

6

7

8

9

10

11

12

985

984

983

982

✓

✓

✓

✓

✓

✓

✓

✓

✓

✓

✓

✓

✓

✓

✓

✓

221 48

Vessel Professor Kaganovsky Project & Leg PK-98-01 Station Designation A-9 Page 35 of 66

Type & SN SBE 19 s/n 650 N. Brown #1150
Press SN 194208-650 s/n 01-1172

Consc Cast # Lat Lon Date: day/month/year Time (GMT) Dry bulb Wet Bulb Press (mb) Sea State Vis
CTD034 57 16.09 N 170 11.37 W 13/9/98 0437 9.0 10.30 0.7 m 77-1

Wind Dir/Speed 330/4

Max Depth 23m

Cleaned Air bleed Valve ✓

Pos.	Trip Depth	Pressure	CTD Converted Monitor Values	Salinity	Sample Bottle Data	Salinity	Sample Bottle Number	Sal.	Nut. Chl.
1	23						✓	988	✓
2	10						✓	988	✓
3	0						✓	986	✓
4									
5									
6									
7									
8									
9									
10									
11									
12									

7

Vessel Professor Kaganovsky

Project & Leg PK-98-01

Station Designation

A-10

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Type & SN SBE 19 s/n 650
Press SN 194208-650N. Brown #1150
s/n 01-1172

Consc Cast # Lat Lon Date: day/mo/yr Time (GMT) Dry bulb Wet Bulb Press (mb) Sea State Vis

CTD035 57 18.67N 170 13.11W 13/9/98 0502 9.0 1030 0.2m

Wind Dir/Speed
330/4

Cloud Amt Type Bottom Depth

Sta Name/ID
78-1

Remarks

Max Depth 21m

Cleared Air bleed Valve ✓

Pos.	Trip Depth	Pressure	CTD Converted Monitor Values	Salinity	Sample Bottle Data	Sample Bottle Number
1	8.6		Pri. Temp	Sec. Temp	Sal. Salinity	Nut. Chl.
2	10					991 ✓
3	10					990 ✓
4	0					989 ✓
5						
6						
7						
8						
9						
10						
11						
12						

Vessel Professor Kaganovsky

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Station Designation

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Type & SN SBE 19 s/n 650
Press SN 194208-650N. Brown #1150
s/n 01-1172

Consc Cast # Lat

Lon

Date: day/month/yr

Time (GMT)

Dry bulb

Wet Bulb

Press (mb)

Sea State Vis

CTD037

57 55.662

169

K.134

15/9/98

0030

9.0

Cloud Amt

Type

Weather

Bottom Depth

Sta. Name/ID

163

Wind Dir/Speed

140/20

8/8

Type

Weather

Bottom Depth

Sta. Name/ID

163

Remarks

Max Depth 64m

Cleaned Air bleed Valve

Pos. Trip Depth

Pressure

CTD Converted Monitor Values

Pri. Temp

Sec. Temp

Salinity

Sample Bottle Data

Salinity

Sal.

Sample Bottle Number

Nut. Chl.

1

64

Pressure

CTD Converted Monitor Values

Sec. Temp

Salinity

Sample Bottle Data

Salinity

Sal.

Sample Bottle Number

Nut. Chl.

2

50

Pressure

CTD Converted Monitor Values

Sec. Temp

Salinity

Sample Bottle Data

Salinity

Sal.

Sample Bottle Number

Nut. Chl.

3

40

Pressure

CTD Converted Monitor Values

Sec. Temp

Salinity

Sample Bottle Data

Salinity

Sal.

Sample Bottle Number

Nut. Chl.

4

30

Pressure

CTD Converted Monitor Values

Sec. Temp

Salinity

Sample Bottle Data

Salinity

Sal.

Sample Bottle Number

Nut. Chl.

5

20

Pressure

CTD Converted Monitor Values

Sec. Temp

Salinity

Sample Bottle Data

Salinity

Sal.

Sample Bottle Number

Nut. Chl.

6

10

Pressure

CTD Converted Monitor Values

Sec. Temp

Salinity

Sample Bottle Data

Salinity

Sal.

Sample Bottle Number

Nut. Chl.

7

0

Pressure

CTD Converted Monitor Values

Sec. Temp

Salinity

Sample Bottle Data

Salinity

Sal.

Sample Bottle Number

Nut. Chl.

8

0

Pressure

CTD Converted Monitor Values

Sec. Temp

Salinity

Sample Bottle Data

Salinity

Sal.

Sample Bottle Number

Nut. Chl.

9

0

Pressure

CTD Converted Monitor Values

Sec. Temp

Salinity

Sample Bottle Data

Salinity

Sal.

Sample Bottle Number

Nut. Chl.

10

0

Pressure

CTD Converted Monitor Values

Sec. Temp

Salinity

Sample Bottle Data

Salinity

Sal.

Sample Bottle Number

Nut. Chl.

11

0

Pressure

CTD Converted Monitor Values

Sec. Temp

Salinity

Sample Bottle Data

Salinity

Sal.

Sample Bottle Number

Nut. Chl.

12

0

Pressure

CTD Converted Monitor Values

Sec. Temp

Salinity

Sample Bottle Data

Salinity

Sal.

Sample Bottle Number

Nut. Chl.

Vessel Professor Kaganovsky

Project & Leg PK-98-01

Station Designation

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Type & SN SBE 19 s/n 650
Press SN 194208-650N. Brown #1150
s/n 01-1172

Consc Cast # Lat

Lon

Date: day/month/yr

Time (GMT)

Dry bulb

Wet Bulb

Press (mb)

Sea State Vis

CTD 038

SV

03.97

168

44.45

15/9/98

0301

10.0

8/4

Cloud Amt

Type

Weather

Bottom Depth

Sta. Name/ID

Max Depth

67m

169

Wind Dir/Speed

200/14

200/14

8/4

10.0

8/4

Type

Weather

Bottom Depth

Sta. Name/ID

Max Depth

67m

169

Remarks

Cleaned Air bleed Valve

✓

Max Depth

67m

169

Pos.

Trip Depth

Pressure

CTD Converted Monitor Values

Pri. Temp

Sec. Temp

Salinity

Sample Bottle Data

Salinity

Sample Bottle Number

Sal.

Nut.

Chl.

1

67

50

30

20

10

0

0

0

0

0

0

0

0

0

0

0

0

2

50

30

20

10

0

0

0

0

0

0

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0

0

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0

0

3

50

30

20

10

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4

50

30

20

10

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5

50

30

20

10

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12

50

30

20

10

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Vessel Professor Kaganovsky

Project & Leg PK-98-01

Station Designation

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Type & SN SBE 19 s/n 650
Press SN 194208-650N. Brown #1150
s/n 01-1172

Consc Cast # Lat 57 51.19

Lon 168

Date: day/mo/yr 15/9/98

Time (GMT) 0516

Dry bulb 9.0

Wet Bulb

Press (mb)

Sea State 2m

Vis 105

Wind Dir/Speed 200/27

Cloud Amt

Type

Weather

Bottom Depth 75m

Sta. Name/ID

Remarks

Max Depth 67m

Cleaned Air bleed Valve ✓

Pos.	Trip Depth	Pressure	CTD Converted Monitor Values	Salinity	Sample Bottle Data	Salinity	Sample Bottle Number	Nut. Chl.
1	67						1009	✓
2	50						1008	✓
3	40						1007	✓
4	35						1006	✓
5	30						1005	✓
6	20						1004	✓
7	10							
8	0							
9								
10								
11								
12								

Vessel Professor Kaganovsky

Project & Leg PK-98-01

Station Designation

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Type & SN SBE 19 s/n 650 N. Brown #1150
Press SN 194208-650 s/n 01-1172

Consc Cast # Lat Lon Date: day/month/yr Time (GMT) Dry bulb Wet Bulb Press (mb) Sea State Vis

CTD0040 57 39.36 N 169 00.87

15/9/98 0852

9.0

Cloud Amt Type

Weather

Bottom Depth

Sta. Name/ID

Wind Dir/Speed
200/20

Cloud Amt

Type

Weather

Bottom Depth

Sta. Name/ID

Max Depth

Remarks

65 m

Cleaned Air bleed Valve /

Pos.	Trip Depth	Pressure	CTD Converted Monitor Values	Salinity	Sample Bottle Data	Sample Bottle Number
1	65					
2	50					1015
3	40					1015
4	30					1015
5	20					1015
6	10					1015
7	0					1015
8						1015
9						1015
10						1015
11						1015
12						1015

Vessel Professor Kaganovsky

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Station Designation

109-1

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Type & SN SBE 19 s/n 650
Press SN 194208-650N. Brown #1150
s/n 01-1172

Consc Cast # Lat

Lon

Date: day/month/year

Time (GMT)

Dry bulb

Wet Bulb

Press (mb)

Sea State

Vis

43

57

32.00

166

44.00

15-09-98

1806

8.0

Cloud Amt

Type

Weather

Bottom Depth

Sta. Name/ID

Wind Dir/Speed

180/16K

8/8

CL

68

109

Remarks

Max Depth 65.5

Sea cast on
no bottom
Cleaned Air bleed Valve ✓

Pos. Trip Depth

Pressure

CTD Converted Monitor Values

Pri. Temp

Sec. Temp

Salinity

Sample Bottle Data

Salinity

Sample Bottle Number

Sal. Nut. Chl.

1

2

3

4

5

6

7

8

9

10

11

12

Vessel Professor Kaganovsky

Project & Leg PK-98-01

Station Designation

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Type & SN SBE 19 s/n 650
Press SN 194208-650N. Brown #1150
s/n 01-1172

Consc Cast # Lat Lon Date: day/month Time (GMT) Dry bulb Wet Bulb Press (mb) Sea State Vis

CTD 44 57 24.8 16552.5 15/9/98 2146 8.6 1027.6 2.5m 110-1

Wind Dir/Speed
180/36

Cloud Amt

Type

Weather

Bottom Depth

Sta Name/ID

Remarks

Max Depth

Cleaned Air bleed Valve ✓

58m

Pos.	Trip Depth	Pressure	CTD Converted Monitor Values	Salinity	Sample Bottle Data	Sample Bottle Number
1	6.1				Sal.	22
2	50				Nut.	2058
3	40				Chl.	2057
4	30					2056
5	20					2055
6	10					2054
7	0					2053
8						
9						
10						
11						
12						

Vessel Professor Kaganovsky

Project & Leg PK-98-01

Station Designation

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Type & SN SBE 19 s/n 650
Press SN 194208-650N. Brown #1150
s/n 01-1172

Consc Cast #

Lat

Lon

Date: day/month/year

Time (GMT)

Dry bulb

Wet Bulb

Press (mb)

Sea State

Vis

Sta. Name/ID

Wind Dir/Speed

Cloud Amt

Type

Weather

Bottom Depth

Sta. Name/ID

Remarks

Max Depth

Cleaned Air bleed Valve

Pos. Trip Depth

Pressure

Pri. Temp

Sec. Temp

Salinity

Sample Bottle Data

Salinity

Sal.

Sample Bottle Number

Nut. Chl.

1
2
3
4
5
6
7
8
9
10
11
12

Vessel Professor Kaganovsky

Project & Leg PK-98-01

Station Designation

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Type & SN SBE 19 s/n 650
Press SN 194208-650N. Brown #1150
s/n 01-1172

Consc Cast # Lat

Lon

Date: day/month/yr

Time (GMT)

Dry bulb

Wet Bulb

Press (mb)

Sea State Vis

CTD 047 56

55.4 N

163

47.8 W

16/9/98

0735

8.0

1028

2.5 m

69 m

Sta. Name/ID

Wind Dir/Speed

180/27

113-1

Remarks

Max Depth

61 m

Cleaned Air bleed Valve

✓

Pos.	Trip Depth	Pressure	CTD Converted Monitor Values	Salinity	Sample Bottle Data	Sample Bottle Number
			Pri. Temp	Sec. Temp	Salinity	Nut. Chl.
1	61					2070
2	50					2069
3	40					✓
4	30					2068
5	20					2067
6	10					2066
7	0					2065
8						
9						
10						
11						
12						

Vessel Professor Kaganovsky

Project & Leg PK-98-01

Station Designation

Type & SN SBE 19 s/n 650

N Brown #1150

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Press SN 194208-650

s/n 01-1172

Consc Cast # Lat

CTD048 56 55.8 163

Lon

Date: day/mo/yr

Time (GMT)

Dry bulb

Wet Bulb

Press (mb)

Sea State

Vs

Wind Dir/Speed

Cloud Amt

Type

Weather

Bottom Depth

Sta Name/ID

180/24

9.0

1028

2.5 m

75 m

114-1

Remarks

Max Depth 67 m

Pos. Trip Depth

Pressure

CTD Converted Monitor Values

Pri. Temp

Sec. Temp

Salinity

Sample Bottle Data

Salinity

Sample Bottle Number

Sal.

Nut. Chl.

Cleaned Air bleed Valve

✓

1 67

2 50

3 43

4 43

5 43

6 30

7 25

8 25

9 25

10 20

11 11

12 11

13 11

14 7

15 7

16 7

17 0

18 0

19 0

20 0

21 0

22 0

23 0

24 0

25 0

26 0

27 0

28 0

29 0

30 0

31 0

32 0

33 0

34 0

35 0

36 0

37 0

38 0

39 0

40 0

41 0

42 0

43 0

44 0

45 0

46 0

47 0

48 0

49 0

50 0

51 0

52 0

53 0

54 0

55 0

56 0

57 0

58 0

59 0

60 0

61 0

62 0

63 0

64 0

65 0

66 0

67 0

68 0

69 0

70 0

71 0

72 0

73 0

74 0

75 0

76 0

77 0

78 0

79 0

80 0

81 0

82 0

83 0

84 0

85 0

86 0

87 0

88 0

89 0

90 0

91 0

92 0

93 0

94 0

95 0

96 0

97 0

98 0

99 0

100 0

101 0

102 0

103 0

104 0

105 0

106 0

107 0

108 0

109 0

110 0

111 0

112 0

113 0

114 0

115 0

116 0

117 0

118 0

119 0

120 0

121 0

122 0

123 0

124 0

125 0

126 0

127 0

128 0

129 0

130 0

131 0

132 0

133 0

134 0

135 0

136 0

137 0

138 0

139 0

140 0

141 0

142 0

143 0

144 0

145 0

146 0

147 0

148 0

149 0

150 0

151 0

152 0

153 0

154 0

155 0

156 0

157 0

158 0

159 0

160 0

161 0

162 0

163 0

164 0

165 0

166 0

167 0

168 0

169 0

170 0

171 0

172 0

173 0

174 0

175 0

176 0

177 0

178 0

179 0

180 0

181 0

182 0

183 0

184 0

185 0

186 0

187 0

188 0

189 0

190 0

191 0

192 0

193 0

194 0

195 0

196 0

197 0

198 0

199 0

200 0

201 0

202 0

203 0

204 0

205 0

206 0

207 0

208 0

209 0

210 0

211 0

212 0

213 0

214 0

215 0

216 0

217 0

218 0

219 0

220 0

221 0

222 0

223 0

224 0

225 0

226 0

227 0

228 0

229 0

230 0

231 0

232 0

233 0

234 0

235 0

236 0

237 0

238 0

239 0

240 0

241 0

242 0

243 0

244 0

245 0

246 0

247 0

248 0

249 0

250 0

251 0

252 0

253 0

254 0

255 0

256 0

257 0

258 0

259 0

260 0

261 0

262 0

263 0

264 0

265 0

266 0

267 0

268 0

269 0

270 0

271 0

272 0

273 0

274 0

275 0

276 0

277 0

278 0

279 0

280 0

281 0

282 0

283 0

284 0

285 0

286 0

287 0

288 0

289 0

290 0

291 0

292 0

293 0

294 0

295 0

296 0

297 0

298 0

299 0

300 0

301 0

302 0

303 0

304 0

305 0

306 0

307 0

Vessel Professor Kaganovsky

Project & Leg PK-98-01

Station Designation

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Type & SN SBE 19 s/n 650
Press SN 194208-650N. Brown #1150
s/n 01-1172

Consc Cast # Lat

Lon

Date: day/mo/yr

Time (GMT)

Dry bulb

Wet Bulb

Press (mb)

Sea State

Vis

CND049 56 44.05163

52.61619/98

Wind Dir/Speed

180/23

8.0
Cloud Amt

Type

1025
Weather4m
Bottom Depth

4m

Sta. Name/ID

9

3

fair

7-1

115-1

Remarks

Seacast on

Max Depth

69

Cleaned Air bleed Valve

Pos. Trip Depth

Pressure

CTD Converted Monitor Values

Salinity

Sample Bottle Data

Salinity

Sal.

Sample Bottle Number

Nut.

Chl.

1 69

2 50

3 46

4 30

5 20

6 10

7 0

8

9

10

11

12

WF

Vessel Professor Kaganovsky

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Station Designation

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Type & SN SBE 19 s/n 650
Press SN 194208-650N. Brown #1150
s/n 01-1172

Consc Cast # Lat

Lon

Date: day/month/yr

Time (GMT)

Dry bulb

Wet Bulb

Press (mb)

Sea State Vis

CTD 051

56

37.5

166.3

37.5

16-9-98

1730

180-23

8.0

8/8

Cloud Amt

Type

Weather

Bottom Depth

Sta Name/ID

Rain

75 m

117-1

Wind Dir/Speed

Cloud Amt

Type

Weather

Bottom Depth

Sta Name/ID

Remarks

Cast on

Max Depth

no bottom

Cleaned Air bleed Valve

Pos. Trip Depth

Pressure

CTD Converted Monitor Values

Pri. Temp

Sec. Temp

Salinity

Sample Bottle Data

Salinity

Sample Bottle Number

Sal.

Nut. Chl.

1

2

3

4

5

6

7

8

9

10

11

12

37

1242

16-1

Vessel Professor Kaganovsky Project & Leg PK-98-01 Station Designation Page 53 of 66

Type & SN SBE 19 s/n 650 N. Brown #1150
Press SN 194208-650 s/n 01-1172

Consc Cast # Lat Lon Date: day/month Time (GMT) Dry bulb Wet Bulb Press (mb) Sea State Vis

CTD 52 56 30.36 164.59.16 15/09/98 1939 10.0 8 Cloud Amt Type Weather Bottom Depth Sta Name/ID
195-16 8 Rain 78m 118-1

Remarks SEACAT on Max Depth
Salinity only 75
Cleaned Air bleed Valve ✓

Pos.	Trip Depth	Pressure	CTD Converted Monitor Values	Sample Bottle Data	Sample Bottle Number
			Pri. Temp	Sec. Temp	Sal. Nut. Chl.
1					26
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					

Possibly some confusion on which bottle was Sal. sample/several were closed. WF

Vessel Professor Kaganovsky

Project & Leg PK-98-01

Station Designation

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Type & SN SBE 19 s/n 650

N. Brown #1150

Press SN 194208-650

s/n 01-1172

Consc Cast # 56

Lat

Lon

Date: day/month/year

Time (GMT)

Dry bulb

Wet Bulb

Press (mb)

Sea State

Vis

23.59 N

165

23.46 W

9-98

2146

10.0

Cloud Amt

Type

Weather

Bottom Depth

Sta. Name/ID

119-1

Wind Dir/Speed

180/16

8

Rain

91

Remarks

SEARCH

Max Depth

No. Bottles

83

Cleaned Air bleed Valve

✓

Pos. Trip Depth

Pressure

CTD Converted Monitor Values

Pri. Temp

Sec. Temp

Salinity

Sample Bottle Data

Salinity

Sample Bottle Number

Sal.

Nut. Chl.

1

2

3

4

5

6

7

8

9

10

11

12

Vessel Professor Kaganovsky

Project & Leg PK-98-01

Station Designation

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Type & SN SBE 19 s/n 650
Press SN 194208-650N. Brown #1150
s/n 01-1172

Consc Cast #

Lat

Lon

Date: day/month

Time (GMT)

Dry bulb

Wet Bulb

Press (mb)

Sea State Vis

CTD054

36

16.53 N

165

46.13 W

17/9/98

0008

10.0

1017.3

2 m

10

Wind Dir/Speed

Cloud Amt

Type

Weather

Bottom Depth

Sta. Name/ID

180/16

7/8

Sc

93 m

120-1

Remarks

Max Depth

85 m

Cleaned Air bleed Valve

✓

Pos. Trip Depth

Pressure

CTD Converted Monitor Values

Pri. Temp

Sec. Temp

Salinity

Sample Bottle Data

Salinity

Sample Bottle Number

Sal.

Nut. Chl.

1

85

2

3

4

5

6

7

8

9

10

11

12

Vessel Professor Kaganovsky Project & Leg PK-98-01

Station Designation

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Type & SN SBE 19 s/n 650 N. Brown #1150
Press SN 194208-650 s/n 01-1172

Consc Cast # Lat 03.42N Lon 116.18W Date: day/month/year 17/9/98 Time (GMT) 0706 Dry bulb 9.6 Wet Bulb 10.15.6 Press (mb) 1015.6 Sea State Vis 123-1

Wind Dir/Speed 220/20

Remarks

Max Depth 116 m

Cleaned Air bleed Valve ✓

Pos.	Trip Depth	Pressure	CTD Converted Monitor Values	Salinity	Sample Bottle Data	Sample Bottle Number
			Pri. Temp	Sec. Temp	Salinity	Nut. Chl.
1	150					2109
2	75					2108
3	50					2107
4	40					2106
5	30					2105
6	20					2104
7	10					2103
8						
9						
10						
11						
12						

Vessel Professor Kaganovsky

Project & Leg PK-98-01

Station Designation

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Type & SN SBE 19 s/n 650

N. Brown #1150

Press SN 194208-650

s/n 01-1172

Consc Cast #	Lat	Lon	Date: day/mo/yr	Time (GMT)	Dry bulb	Wet Bulb	Press (mb)	Sea State	Vis
CTD058	56	12.46166	29.9.17	9.08	9.0	1015	4 m	12+	
			Wind Dir/Speed	200/19	Cloud Amt	Type	Weather	Bottom Depth	Sta. Name/ID
					0			111 m	29-1
							Remarks		Max Depth
							Cat on.		
							Cleaned Air bleed Valve	✓	
Pos.	Trip Depth	Pressure	CTD Converted	Monitor Values	Salinity	Sample Bottle Data	Salinity	Sample Bottle Number	Nut. Chl.
1	107							29	
2	100							2372	
3	75							2371	
4	50							2370	
5	40							2369	
6	30							2112	
7	20							2110	
8	10							2110	
9	0							2110	
10									
11									
12									

Bottle was fine on the cast - no bottles return / Rattle lower again
CTD cast saved as #58 for Bottle Temp + Bottle

file only no CTD Data.
See CTD 58 A.

WZ

Vessel Professor Kaganovsky

Project & Leg PK-98-01

Station Designation

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Type & SN SBE 19 s/n 650
Press SN 194208-650N. Brown #1150
s/n 01-1172

Consc Cast # Lat

Lon

Date: day/month

Time (GMT)

Dry bulb

Wet Bulb

Press (mb)

Sea State Vis

CTD 58A 56

12.46 166

2992

17/9/98

1031

Wind Dir/Speed

Cloud Amt

Type

Weather

Bottom Depth

Sta. Name/ID

Remarks

Succat on

Max Depth

Cleaned Air bleed Valve

Pos. Trip Depth

Pressure

CTD Converted Monitor Values

Pri. Temp

Sec. Temp

Salinity

Sample Bottle Data

Salinity

Sal.

Nut. Chl.

1

2

3

4

5

6

7

8

9

10

11

12

This is the second cast at this station number
downed for the bottles only. Sea cat was on but
Neil Brown was not recording for this cast.

34

9-1

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Project & Leg PK-98-01

Station Designation

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Type & SN SBE 19 s/n 650
Press SN 194208-650 s/n 01-1172

Consc Cast # Lat 55 S9.14 Lon 166 34.77 Date: day/month 17/9/98 Time (GMT) 1326 Dry bulb 9.0 Wet Bulb Cloud Amt 0 Type Weather Bottom Depth 12.5 Sta. Name/ID 125-1

Remarks SENCOT ON

Max Depth 120

Cleaned Air bleed Valve ✓

Pos.	Trip Depth	Pressure	CTD Converted Monitor Values	Salinity	Sample Bottle Data	Sample Bottle Number
			Pri. Temp	Sec. Temp	Salinity	Nut. Chl.
1	119 Bottom					
2	100					2374
3	75					2376
4	50					2377
5	40					2376
6	30					—
7	20					2375
8	10					2374
9	0					2373
10						
11						
12						

20f

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Station Designation

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Type & SN SBE 19 s/n 650
Press SN 194208-650N. Brown #1150
s/n 01-1172

Consc Cast # 55

Lat 54.01

Lon 166.54.24

Date: day/month 17-9-98

Time (GMT) 1618

Dry bulb 9.0

Wet Bulb

Press (mb) 1011

Sea State 5m

Vis 12.4

Sta. Name/ID 126-1

Wind Dir/Speed

Cloud Amt 6/8

Type

Weather pc

Bottom Depth 133

Sta. Name/ID 126-1

Remarks

SEACAST on

Max Depth 126

Cleaned Air bleed Valve ✓

Pos.	Trip Depth	Pressure	CTD Converted Monitor Values	Salinity	Sample Bottle Data	Sample Bottle Number
			Pri. Temp	Sec. Temp	Salinity	Nut. Chl.
1	126					30
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

WF

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Type & SN SBE 19 s/n 650
Press SN 194208-650N. Brown #1150
s/n 01-1172

Consc Cast #	Lat	Lon	Date: day/mo/yr	Time (GMT)	Dry bulb	Wet Bulb	Press (mb)	Sea State	Vis
CTD 06155	46.00	167.10.10	17-9-98	1825	9.0	1010	4.5m	12+	

Wind Dir/Speed

240-24

Cloud Amt

8

Type

Low

Weather

CL

Bottom Depth

133

Remarks

Sargassum on 12+

Max Depth

No B₀ + 4.5

Cleaned Air bleed Valve

✓

Pos.	Trip Depth	Pressure	CTD Converted Monitor Values	Salinity	Sample Bottle Data	Sample Bottle Number
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

W.F.

6-1 1000

Vessel Professor Kaganovsky Project & Leg PK-98-01 Station Designation Page 63 of 66

Type & SN SBE 19 s/n 650 N. Brown #1150
Press SN 194208-650 s/n 01-1172

Consc Cast # Lat 55 39.13 Lon 167 30.07 Date: day/month 17-9-98 Time (GMT) 2032 Dry bulb 9.0 Wet Bulb 10.0 Press (mb) 5 m Sea State 12
CTD 062 Wind Dir/Speed 270-21 Cloud Amt 6/8 Type cuml Weather 138 Bottom Depth 128-1

Remarks Saccast on 125
Sal. Sample
Cleaned Air bleed Valve

Pos.	Trip Depth	Pressure	CTD Converted Monitor Values	Sample Bottle Data	Sample Bottle Number
			Pri. Temp	Sec. Temp	Sal. Nut. Chl.
1	125				31
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					

P. Kaganovsky

W7

Vessel Professor Kaganovsky

Project & Leg PK-98-01

Station Designation

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Type & SN SBE 19 s/n 650

N. Brown #1150

Press SN 194208-650

s/n 01-1172

Consc Cast # Lat

Lon

Date: day/month

Time (GMT)

Dry bulb

Wet Bulb

Press (mb)

Sea State Vis

Wind Dir/Speed

Cloud Amt

Type

Weather

Bottom Depth

Sta. Name/ID

Remarks

Max Depth

Cleaned Air bleed Valve

Pos. Trip Depth

Pressure

CTD Converted Monitor Values

Pri. Temp

Sec. Temp

Salinity

Sample Bottle Data

Salinity

Sample Bottle Number

Nut. Chl.

1

200

Pressure

Pri. Temp

Sec. Temp

Salinity

Sample Bottle Data

Salinity

Sal.

Nut.

Chl.

2388

2387

2386

2385

2

150

Pressure

Pri. Temp

Sec. Temp

Salinity

Sample Bottle Data

Salinity

Sal.

Nut.

Chl.

2384

2383

2382

2381

3

100

Pressure

Pri. Temp

Sec. Temp

Salinity

Sample Bottle Data

Salinity

Sal.

Nut.

Chl.

2380

2379

2378

2377

4

75

Pressure

Pri. Temp

Sec. Temp

Salinity

Sample Bottle Data

Salinity

Sal.

Nut.

Chl.

2376

2375

2374

2373

5

50

Pressure

Pri. Temp

Sec. Temp

Salinity

Sample Bottle Data

Salinity

Sal.

Nut.

Chl.

2372

2371

2370

2369

6

30

Pressure

Pri. Temp

Sec. Temp

Salinity

Sample Bottle Data

Salinity

Sal.

Nut.

Chl.

2368

2367

2366

2365

7

20

Pressure

Pri. Temp

Sec. Temp

Salinity

Sample Bottle Data

Salinity

Sal.

Nut.

Chl.

2364

2363

2362

2361

8

10

Pressure

Pri. Temp

Sec. Temp

Salinity

Sample Bottle Data

Salinity

Sal.

Nut.

Chl.

2360

2359

2358

2357

9

0

Pressure

Pri. Temp

Sec. Temp

Salinity

Sample Bottle Data

Salinity

Sal.

Nut.

Chl.

2356

2355

2354

2353

10

0

Pressure

Pri. Temp

Sec. Temp

Salinity

Sample Bottle Data

Salinity

Sal.

Nut.

Chl.

2352

2351

2350

2349

11

0

Pressure

Pri. Temp

Sec. Temp

Salinity

Sample Bottle Data

Salinity

Sal.

Nut.

Chl.

2348

2347

2346

2345

12

0

Pressure

Pri. Temp

Sec. Temp

Salinity

Sample Bottle Data

Salinity

Sal.

Nut.

Chl.

2344

2343

2342

2341

Vessel Professor Kaganovsky

Project & Leg PK-98-01

Station Designation

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Type & SN SBE 19 s/n 650

N. Brown #1150

Press SN 194208-650

s/n 01-1172

Consc Cast # Lat

Lon

Date: day/month/year

Time (GMT)

Dry bulb

Wet Bulb

Press (mb)

Sea State Vis

CTD065 55 22.34 N

168

18/9/98 0158

Wind Dir/Speed

Cloud Amt

Type

Weather

Bottom Depth

Sta Name/ID

230/26

3/8

C-A-C

4 m 10 m

488 m 131-1

Remarks

Max Depth

480 m

Cleaned Air bleed Valve

Pos. Trip Depth

Pressure

CTD Converted Monitor Values

Pri. Temp

Sec. Temp

Salinity

Sample Bottle Data

Sample Bottle Number

1 480

Pressure

CTD Converted Monitor Values

Pri. Temp

Sec. Temp

Salinity

Sample Bottle Data

Salinity

Sample Bottle Number

Nut. Chl.

2 300

Pressure

CTD Converted Monitor Values

Pri. Temp

Sec. Temp

Salinity

Sample Bottle Data

Salinity

Sample Bottle Number

Nut. Chl.

3 250

Pressure

CTD Converted Monitor Values

Pri. Temp

Sec. Temp

Salinity

Sample Bottle Data

Salinity

Sample Bottle Number

Nut. Chl.

4 200

Pressure

CTD Converted Monitor Values

Pri. Temp

Sec. Temp

Salinity

Sample Bottle Data

Salinity

Sample Bottle Number

Nut. Chl.

5 150

Pressure

CTD Converted Monitor Values

Pri. Temp

Sec. Temp

Salinity

Sample Bottle Data

Salinity

Sample Bottle Number

Nut. Chl.

6 100

Pressure

CTD Converted Monitor Values

Pri. Temp

Sec. Temp

Salinity

Sample Bottle Data

Salinity

Sample Bottle Number

Nut. Chl.

7 75

Pressure

CTD Converted Monitor Values

Pri. Temp

Sec. Temp

Salinity

Sample Bottle Data

Salinity

Sample Bottle Number

Nut. Chl.

8 50

Pressure

CTD Converted Monitor Values

Pri. Temp

Sec. Temp

Salinity

Sample Bottle Data

Salinity

Sample Bottle Number

Nut. Chl.

9 40

Pressure

CTD Converted Monitor Values

Pri. Temp

Sec. Temp

Salinity

Sample Bottle Data

Salinity

Sample Bottle Number

Nut. Chl.

10 30

Pressure

CTD Converted Monitor Values

Pri. Temp

Sec. Temp

Salinity

Sample Bottle Data

Salinity

Sample Bottle Number

Nut. Chl.

11 20

Pressure

CTD Converted Monitor Values

Pri. Temp

Sec. Temp

Salinity

Sample Bottle Data

Salinity

Sample Bottle Number

Nut. Chl.

12 10

Pressure

CTD Converted Monitor Values

Pri. Temp

Sec. Temp

Salinity

Sample Bottle Data

Salinity

Sample Bottle Number

Nut. Chl.

0

Pressure

CTD Converted Monitor Values

Pri. Temp

Sec. Temp

Salinity

Sample Bottle Data

Salinity

Sample Bottle Number

Nut. Chl.