

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/mo/yr Time (GMT) Dry bulb Wet Bulb Press (mb) Sea State Vis
CTD001 56 16.5N 169.263W 8/9/98 0116 8.5 Cloud Amt Type Weather Bottom Depth Sta Name/ID

Wind Dir/Speed 300/19

258 m

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
1	245						10
2	100						69
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 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/year

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

Sal.

Nut. Chl.

3

1

72

Pressure

Pri. Temp

Sec. Temp

Salinity

Sample Bottle Data

Salinity

Sample Bottle Number

Sal.

Nut. Chl.

3

2

60

Pressure

Pri. Temp

Sec. Temp

Salinity

Sample Bottle Data

Salinity

Sample Bottle Number

Sal.

Nut. Chl.

3

3

50

Pressure

Pri. Temp

Sec. Temp

Salinity

Sample Bottle Data

Salinity

Sample Bottle Number

Sal.

Nut. Chl.

3

4

40

Pressure

Pri. Temp

Sec. Temp

Salinity

Sample Bottle Data

Salinity

Sample Bottle Number

Sal.

Nut. Chl.

3

5

30

Pressure

Pri. Temp

Sec. Temp

Salinity

Sample Bottle Data

Salinity

Sample Bottle Number

Sal.

Nut. Chl.

3

6

20

Pressure

Pri. Temp

Sec. Temp

Salinity

Sample Bottle Data

Salinity

Sample Bottle Number

Sal.

Nut. Chl.

3

7

10

Pressure

Pri. Temp

Sec. Temp

Salinity

Sample Bottle Data

Salinity

Sample Bottle Number

Sal.

Nut. Chl.

3

8

10

Pressure

Pri. Temp

Sec. Temp

Salinity

Sample Bottle Data

Salinity

Sample Bottle Number

Sal.

Nut. Chl.

3

9

10

Pressure

Pri. Temp

Sec. Temp

Salinity

Sample Bottle Data

Salinity

Sample Bottle Number

Sal.

Nut. Chl.

3

10

10

Pressure

Pri. Temp

Sec. Temp

Salinity

Sample Bottle Data

Salinity

Sample Bottle Number

Sal.

Nut. Chl.

3

11

10

Pressure

Pri. Temp

Sec. Temp

Salinity

Sample Bottle Data

Salinity

Sample Bottle Number

Sal.

Nut. Chl.

3

12

10

Pressure

Pri. Temp

Sec. Temp

Salinity

Sample Bottle Data

Salinity

Sample Bottle Number

Sal.

Nut. Chl.

3

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

fired

71 m

Seacat on

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	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 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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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
							C70010
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

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 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

2-2.5m

Bottom Depth

Sta. Name/ID

CTD 012

Wind Dir/Speed

000/16

Remarks 30m bottle

Max Depth 66m

Cleared 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

66

Pressure

CTD Converted Monitor Values

Salinity

Sample Bottle Data

Salinity

Sample Bottle Number

Sal.

Nut.

Chl.

2

50

Pressure

CTD Converted Monitor Values

Salinity

Sample Bottle Data

Salinity

Sample Bottle Number

Sal.

Nut.

Chl.

3

30

Pressure

CTD Converted Monitor Values

Salinity

Sample Bottle Data

Salinity

Sample Bottle Number

Sal.

Nut.

Chl.

4

20

Pressure

CTD Converted Monitor Values

Salinity

Sample Bottle Data

Salinity

Sample Bottle Number

Sal.

Nut.

Chl.

5

10

Pressure

CTD Converted Monitor Values

Salinity

Sample Bottle Data

Salinity

Sample Bottle Number

Sal.

Nut.

Chl.

6

0

Pressure

CTD Converted Monitor Values

Salinity

Sample Bottle Data

Salinity

Sample Bottle Number

Sal.

Nut.

Chl.

7

0

Pressure

CTD Converted Monitor Values

Salinity

Sample Bottle Data

Salinity

Sample Bottle Number

Sal.

Nut.

Chl.

8

0

Pressure

CTD Converted Monitor Values

Salinity

Sample Bottle Data

Salinity

Sample Bottle Number

Sal.

Nut.

Chl.

9

0

Pressure

CTD Converted Monitor Values

Salinity

Sample Bottle Data

Salinity

Sample Bottle Number

Sal.

Nut.

Chl.

10

0

Pressure

CTD Converted Monitor Values

Salinity

Sample Bottle Data

Salinity

Sample Bottle Number

Sal.

Nut.

Chl.

11

0

Pressure

CTD Converted Monitor Values

Salinity

Sample Bottle Data

Salinity

Sample Bottle Number

Sal.

Nut.

Chl.

12

0

Pressure

CTD Converted Monitor Values

Salinity

Sample Bottle Data

Salinity

Sample Bottle Number

Sal.

Nut.

Chl.

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

Sta Name/ID

CTD013

Wind Dir/Speed
000/16

Remarks

30 m bottle
bottle

Max Depth 65 m

Cleared 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.
1	550						122	/
2	400						124	/
3	300						123	/
4	200						119	/
5	100						118	✓
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

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

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	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

G10017/57° 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							
6	6						2182	✓
7								
8								
9								
10								
11								
12								

C-T18. Next
19. Next

Vessel Professor Kaganovsky

Project & Leg PK-98-01

Station Designation C-1

Page 19 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

Time (GMT)

Dry bulb

Wet Bulb

Press (mb)

Sea State

Vis

41-1

57° 06.6 N 169° 43.8 W

11/9/98

0857

7.0

Cloud Amt

Type

Bottom Depth

Sta. Name/ID

Wind Dir/Speed

320/4

Cloud Amt

Type

Weather

Bottom Depth

Sta. Name/ID

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

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

2194

2194

2192

2191

N. Brown #1150
s/n 01-1172

[illegible]

Wind Dir/Speed	Cloud Amt	Type	Weather	Bottom Depth	Sta.Name/ID

510/4

Remarks

Max Depth 070m

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	92						2202	
2	70						2201	
3	50						2200	✓
4	50						2199	✓
5	30							
6	30							
7	30							
8	30							
9	20						2198	✓
10	20						2197	✓
11	10							
12	0							

Vessel Professor Kaganovsky

Project & Leg PK-98-01

Station Designation

B-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/mo/yr Time (GMT) Dry bulb Wet Bulb Press (mb) Sea State Vis

CTD 02156 54.73N

170.2379W

12/9/98

0236

9.0

Cloud Amt

Type

Weather

Bottom Depth

Sta. Name/ID

99 54-1

Wind Dir/Speed
310/4

Remarks

Max Depth 91

Cleaned Air bleed Valve ✓

Pos.	Trip Depth	Pressure	CTD Converted Monitor Values	Salinity	Sample Bottle Data	Sample Bottle Number
1	91		Pri. Temp		Salinity	Nut. Chl.
2	80					2201
3	70					2206
4	60					2205
5	50					2204
6	40					2203
7	30					
8	20					
9	10					
10	0					
11						
12						

[illegible]

Vessel Professor Kaganovsky

Project & Leg PK-98-01

Station Designation

B-6

Page 24 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

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

71 m

56-1

Max Depth

63 m

Cleared Air bleed Valve

✓

2219

2218

2217

2216

2215

2214

2213

2212

2211

2210

2209

2208

2207

2206

2205

2204

2203

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

2169

2168

2167

2166

2165

2164

2163

2162

2161

2160

2159

2158

2157

2156

2155

2154

2153

2152

2151

2150

2149

2148

2147

2146

2145

2144

2143

2142

2141

2140

2139

2138

2137

2136

2135

2134

2133

2132

2131

2130

2129

2128

2127

2126

2125

2124

2123

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2120

2119

2118

2117

2116

2115

2114

2113

2112

2111

2110

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2108

2107

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2105

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2102

2101

2100

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2019

2018

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1918

1917

1916

1915

1914

1913

1912

1911

1910

1909

1908

1907

1906

1905

1904

1903

1902

1901

Vessel Professor Kaganovsky

Project & Leg PK-98-01

Station Designation B-7

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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

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

350/4

0.7-1.0

39m

58-1

Remarks

Cleared 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

1

31

20

10

0

224

224

224

224

224

2

20

10

0

224

224

224

224

224

224

3

20

10

0

224

224

224

224

224

224

4

20

10

0

224

224

224

224

224

224

5

20

10

0

224

224

224

224

224

224

6

20

10

0

224

224

224

224

224

224

7

20

10

0

224

224

224

224

224

224

8

20

10

0

224

224

224

224

224

224

9

20

10

0

224

224

224

224

224

224

10

20

10

0

224

224

224

224

224

224

11

20

10

0

224

224

224

224

224

224

12

20

10

0

224

224

224

224

224

224

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

300/3

Type

Weather

Bottom Depth

73m

70-1

Remarks

Max Depth 65m

Cleared 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

65

Pressure

Pri. Temp

Sec. Temp

Salinity

Sample Bottle Data

Salinity

Sample Bottle Number

Sal.

Nut. Chl.

2233

✓

2

60

Pressure

Pri. Temp

Sec. Temp

Salinity

Sample Bottle Data

Salinity

Sample Bottle Number

Sal.

Nut. Chl.

2233

✓

3

40

Pressure

Pri. Temp

Sec. Temp

Salinity

Sample Bottle Data

Salinity

Sample Bottle Number

Sal.

Nut. Chl.

2233

✓

4

30

Pressure

Pri. Temp

Sec. Temp

Salinity

Sample Bottle Data

Salinity

Sample Bottle Number

Sal.

Nut. Chl.

2233

✓

5

20

Pressure

Pri. Temp

Sec. Temp

Salinity

Sample Bottle Data

Salinity

Sample Bottle Number

Sal.

Nut. Chl.

2235

✓

6

0

Pressure

Pri. Temp

Sec. Temp

Salinity

Sample Bottle Data

Salinity

Sample Bottle Number

Sal.

Nut. Chl.

2234

✓

7

Pressure

Pri. Temp

Sec. Temp

Salinity

Sample Bottle Data

Salinity

Sample Bottle Number

Sal.

Nut. Chl.

8

Pressure

Pri. Temp

Sec. Temp

Salinity

Sample Bottle Data

Salinity

Sample Bottle Number

Sal.

Nut. Chl.

9

Pressure

Pri. Temp

Sec. Temp

Salinity

Sample Bottle Data

Salinity

Sample Bottle Number

Sal.

Nut. Chl.

10

Pressure

Pri. Temp

Sec. Temp

Salinity

Sample Bottle Data

Salinity

Sample Bottle Number

Sal.

Nut. Chl.

11

Pressure

Pri. Temp

Sec. Temp

Salinity

Sample Bottle Data

Salinity

Sample Bottle Number

Sal.

Nut. Chl.

12

Pressure

Pri. Temp

Sec. Temp

Salinity

Sample Bottle Data

Salinity

Sample Bottle Number

Sal.

Nut. Chl.

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

Type

Weather

Bottom Depth

Sta. Name/ID

Wind Dir/Speed

Cloud Amt

Remarks

68 m

71-1

300/3

Max Depth

60 m

Cleaned Air bleed Valve

Pos.

Trip Depth

Pressure

CTD Converted Monitor Values

Pri. Temp

Sec. Temp

Sample Bottle Data

Sal.

Sample Bottle Number

Nut. Chl.

1

60

Pressure

CTD Converted Monitor Values

Pri. Temp

Sec. Temp

Sample Bottle Data

Sal.

Sample Bottle Number

Nut. Chl.

2

50

Pressure

CTD Converted Monitor Values

Pri. Temp

Sec. Temp

Sample Bottle Data

Sal.

Sample Bottle Number

Nut. Chl.

3

40

Pressure

CTD Converted Monitor Values

Pri. Temp

Sec. Temp

Sample Bottle Data

Sal.

Sample Bottle Number

Nut. Chl.

4

30

Pressure

CTD Converted Monitor Values

Pri. Temp

Sec. Temp

Sample Bottle Data

Sal.

Sample Bottle Number

Nut. Chl.

5

20

Pressure

CTD Converted Monitor Values

Pri. Temp

Sec. Temp

Sample Bottle Data

Sal.

Sample Bottle Number

Nut. Chl.

6

10

Pressure

CTD Converted Monitor Values

Pri. Temp

Sec. Temp

Sample Bottle Data

Sal.

Sample Bottle Number

Nut. Chl.

7

0

Pressure

CTD Converted Monitor Values

Pri. Temp

Sec. Temp

Sample Bottle Data

Sal.

Sample Bottle Number

Nut. Chl.

8

0

Pressure

CTD Converted Monitor Values

Pri. Temp

Sec. Temp

Sample Bottle Data

Sal.

Sample Bottle Number

Nut. Chl.

9

0

Pressure

CTD Converted Monitor Values

Pri. Temp

Sec. Temp

Sample Bottle Data

Sal.

Sample Bottle Number

Nut. Chl.

10

0

Pressure

CTD Converted Monitor Values

Pri. Temp

Sec. Temp

Sample Bottle Data

Sal.

Sample Bottle Number

Nut. Chl.

11

0

Pressure

CTD Converted Monitor Values

Pri. Temp

Sec. Temp

Sample Bottle Data

Sal.

Sample Bottle Number

Nut. Chl.

12

0

Pressure

CTD Converted Monitor Values

Pri. Temp

Sec. Temp

Sample Bottle Data

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/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

Sta. Name/ID

Wind Dir/Speed

Cloud Amt

Type

Weather

Bottom Depth

72-1

300/4

Remarks

Max Depth

58 m

Cleared 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

58

969

✓

2

50

3

30

4

20

5

10

6

10

7

10

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

9.0

Cloud Amt

Type

Weather

Bottom Depth

Sta Name/ID

Wind Dir/Speed

300/4

58m

73-1

Remarks

Max Depth 50m

Cleaned Air bleed Valve

Pos. Trip Depth

Pressure

CTD Converted Monitor Values

Salinity

Sample Bottle Data

Salinity

Sal.

Sample Bottle Number 15

Nut. Chl.

1

50

Pressure

Pri. Temp

Sec. Temp

Salinity

Sample Bottle Data

Sal.

Nut. Chl.

2

40

Pressure

Pri. Temp

Sec. Temp

Salinity

Sample Bottle Data

Sal.

Nut. Chl.

3

30

Pressure

Pri. Temp

Sec. Temp

Salinity

Sample Bottle Data

Sal.

Nut. Chl.

4

20

Pressure

Pri. Temp

Sec. Temp

Salinity

Sample Bottle Data

Sal.

Nut. Chl.

5

10

Pressure

Pri. Temp

Sec. Temp

Salinity

Sample Bottle Data

Sal.

Nut. Chl.

6

0

Pressure

Pri. Temp

Sec. Temp

Salinity

Sample Bottle Data

Sal.

Nut. Chl.

7

0

Pressure

Pri. Temp

Sec. Temp

Salinity

Sample Bottle Data

Sal.

Nut. Chl.

8

0

Pressure

Pri. Temp

Sec. Temp

Salinity

Sample Bottle Data

Sal.

Nut. Chl.

9

0

Pressure

Pri. Temp

Sec. Temp

Salinity

Sample Bottle Data

Sal.

Nut. Chl.

10

0

Pressure

Pri. Temp

Sec. Temp

Salinity

Sample Bottle Data

Sal.

Nut. Chl.

11

0

Pressure

Pri. Temp

Sec. Temp

Salinity

Sample Bottle Data

Sal.

Nut. Chl.

12

0

Pressure

Pri. Temp

Sec. Temp

Salinity

Sample Bottle Data

Sal.

Nut. Chl.

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

CTD 031

57° 19.42' N

170° 08.52' W

13/9/98

0329

9.0

Cloud Amt

Type

Weather

Bottom Depth

Sta. Name/ID

Wind Dir/Speed

300/04

1029.8

0.7 m

57 m

74-1

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

Wind Dir/Speed

330/4

Remarks

Max Depth

31m

Cleared 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

985

984

983

982

2

20

10

0

985

984

983

982

3

20

10

0

985

984

983

982

4

20

10

0

985

984

983

982

5

20

10

0

985

984

983

982

6

20

10

0

985

984

983

982

7

20

10

0

985

984

983

982

8

20

10

0

985

984

983

982

9

20

10

0

985

984

983

982

10

20

10

0

985

984

983

982

11

20

10

0

985

984

983

982

12

20

10

0

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° 18.67 N

170° 13.11 W

13/9/98

0502

9.0

Cloud Amt

Type

Weather

Bottom Depth

Sta Name/ID

29 m

78-1

Wind Dir/Speed

330/4

330/4

Remarks

Max Depth

21 m

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

8.6

Pressure

Pri. Temp

Sec. Temp

Salinity

Sample Bottle Data

Salinity

Sample Bottle Number

Nut. Chl.

991

990

2

1.0

Pressure

Pri. Temp

Sec. Temp

Salinity

Sample Bottle Data

Salinity

Sample Bottle Number

Nut. Chl.

989

989

3

0

Pressure

Pri. Temp

Sec. Temp

Salinity

Sample Bottle Data

Salinity

Sample Bottle Number

Nut. Chl.

988

988

4

0

Pressure

Pri. Temp

Sec. Temp

Salinity

Sample Bottle Data

Salinity

Sample Bottle Number

Nut. Chl.

987

987

5

0

Pressure

Pri. Temp

Sec. Temp

Salinity

Sample Bottle Data

Salinity

Sample Bottle Number

Nut. Chl.

986

986

6

0

Pressure

Pri. Temp

Sec. Temp

Salinity

Sample Bottle Data

Salinity

Sample Bottle Number

Nut. Chl.

985

985

7

0

Pressure

Pri. Temp

Sec. Temp

Salinity

Sample Bottle Data

Salinity

Sample Bottle Number

Nut. Chl.

984

984

8

0

Pressure

Pri. Temp

Sec. Temp

Salinity

Sample Bottle Data

Salinity

Sample Bottle Number

Nut. Chl.

983

983

9

0

Pressure

Pri. Temp

Sec. Temp

Salinity

Sample Bottle Data

Salinity

Sample Bottle Number

Nut. Chl.

982

982

10

0

Pressure

Pri. Temp

Sec. Temp

Salinity

Sample Bottle Data

Salinity

Sample Bottle Number

Nut. Chl.

981

981

11

0

Pressure

Pri. Temp

Sec. Temp

Salinity

Sample Bottle Data

Salinity

Sample Bottle Number

Nut. Chl.

980

980

12

0

Pressure

Pri. Temp

Sec. Temp

Salinity

Sample Bottle Data

Salinity

Sample Bottle Number

Nut. Chl.

979

979