CAPTAIN'S DATA SHEET
USC STATION: SPOT

Date: Wed, March 29, 2006
Vessel: Sea Watch
Weather/cloud Cover: CLR 27
Bottom Depth: 900m

Captain: Kenny Kivett
Deck: VNC/K AT
Sea State (m/direction): 1.5 W SW
Wind Speed (knts)/direction: 10-15 W

CTD (900m) CAST 1
Time (local): In 0941 Out 0945
Lat In: 33° 32.969
Long In: 118° 24.081
Lat Bottom: 33° 32.940
Long Bottom: 118° 24.061
Lat Out: 33° 32.942
Long Out: 118° 23.877

Plankton Drift: Cmax for D. Hammond
Time (local): In 1215 Out 1230
Lat In: 33° 33.011
Long In: 118° 24.6101
Lat Out: 33° 33.023
Long Out: 118° 23.420

CTD (900m) CAST 2
Time (local): In 1015 Out 1045
Lat In: 33° 33.020
Long In: 118° 24.080
Lat Bottom: 33° 33.012
Long Bottom: 118° 24.015
Lat Out: 33°
Long Out: 118°

Plankton Tow: 100m Vertical #1
Time (local): In Out
Lat In: 33°
Long In: 118°
Lat Out: 33°
Long Out: 118°

CTD (900m) CAST 3
Time (local): In Out
Lat In: 33°
Long In: 118°
Lat Bottom: 33°
Long Bottom: 118°
Lat Out: 33°
Long Out: 118°

Plankton Tow: 100m Vertical #2
Time (local): In Out
Lat In: 33°
Long In: 118°
Lat Out: 33°
Long Out: 118°
CTD CAST SHEET

CRUISE ID: 060329
DATE: March 29, 2006
VESSEL: RV Sea Watch
CAPT.: K. Kivett
CAST #:
CAST DEPTH (m): 885m
SEA STATE:
DIRECTION:
CLOUD COVER:

STATION: SPOT
LAT: 33 33.00
LONG: 118°24.00
CREW:
BOTTOM DEPTH (m): 900
WIND SPEED (knts):
DIRECTION:
SURFACE TEMP (c):

OPERATORS/SAMPLERS: J. Steele, T. Gunderson (for A. Jones)

Equipment Information:
CTD SN: ________________________ Cond./Temp. SN: ________________________
Oxygen SN: YSI/SeaBird Seapoint Fluorometer:
C STAR SN: ________________________ CONFIG FILE: Oct05cal.cfg
COMPUTER: Dell Inspiron 5000 Software Version: SeaSave

Disk Backup: (YES) (NO)
File Names:
Other Instruments/Comments: bottom contact switch

Date: (add.

<table>
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<tr>
<th>NISKIN #</th>
<th>DEPTH(m)</th>
<th>ACTUAL DEPTH (m)</th>
<th>TIME FIRED</th>
<th>TEMP</th>
<th>SALINITY/O2/Ph</th>
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<tr>
<td>1</td>
<td>885</td>
<td>885</td>
<td>09:03</td>
<td>5.59</td>
<td>34.40/0.65/7.61</td>
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<td>5</td>
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O2 (ml/L) = 0.5 @ ≤ 411 m

Time In: 08:40 (CST)
**CTD CAST SHEET**

**CRUISE ID:** 060329  
**DATE:** March 29, 2006  
**VESSEL:** RV SEA WATCH  
**CAPT:** K. Kivett  
**CAST DEPTH (m):** 885  
**SEA STATE:**  
**DIRECTION:**  
**CLOUD COVER:**  

**OPERATORS/SAMPLERS:** T. Gunderson, R. Hamersley

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**Equipment Information:**

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<tr>
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**Disk Backup:** (YES)  
**File Names:**  
**Other Instruments/Comments:** bottom contact switch

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**NISKIN # | DEPTH(m) | ACTUAL DEPTH (m) | TIME FIRED | TEMP | SALINITY/Comments**

| 1 | 885 | 885 | 10:33 | 5.12 | 34.399/0.03/7.62 |
| 2 | 885 | 885 | 10:33 | 5.12 | 34.399/0.03/7.62 |
| 3 | 885 | 885 | 10:33 | 5.12 | 34.399/0.03/7.62 |
| 4 | 885 | 885 | 10:33 | 5.12 | 34.399/0.03/7.62 |
| 5 | 650 | 650.5 | 10:33 | 5.12 | 34.365/0.07/7.64 |
| 6 | 500 | 500 | 10:33 | 5.12 | 34.365/0.07/7.64 |
| 7 | 500 | 500 | 10:33 | 5.12 | 34.365/0.07/7.64 |
| 8 | 500 | 500 | 10:33 | 5.12 | 34.365/0.07/7.64 |
| 9 | 420 | 420 | 10:33 | 5.12 | 34.365/0.07/7.64 |
| 10 | Chl.max. | 260 | 10:33 | 5.12 | 34.365/0.07/7.64 |
| 11 | Chl.max. | 260 | 10:33 | 5.12 | 34.365/0.07/7.64 |
| 12 | Chl.max. | 260 | 10:33 | 5.12 | 34.365/0.07/7.64 |

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**Chl. max. at 25 m**

**Time In:** 10:14 (Local)
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Operators/Sample: T. Gunderson, J. Steele, W. Beamont, R. Hamersey

Station: Spoi

Deck Hands: K. Kiyeti

File: 060329C

Date: March 29, 2006

Vessel: R/V Sea Watch

TIME SERIES SAMPLE SHEET
PLANKTON TOW CAST SHEET
SPOT 2006

Date: March 29, 2006
Vessel: R/V Sea Watch

100m Vertical Tow – Cast # 1
PHYTO Plankton Tow: 100m Vertical
Time (local): In Out
Depth: 100m
Net Mesh Size: 50cm x 35um
Flowmeter ID: 16910
Begin:
End:
Preserved in 1% Formalin

100m Vertical Tow – Cast # 2
ZOO Plankton Tow:
Time (local): In Out
Depth: 100m
Net Mesh Size: 50cm x 200um
Flowmeter ID: 16906
Begin:
End:
Preserved in 1% Formalin

Plankton Drift: Cmax for D.Hammond
Time (local): In 12:15 Out 12:32
Depth: Chla Max @
Net Mesh Size: 50cm x 200um