

# Sea-Bird 24 - Way C.T.D. Log Sheet

Cruise JC130

Julian day/ Date J314

Station No. AM-01A

Cast Number JC130\_006

SHIP POSITION: NMEA ON DECK UNIT.

|           | Time (Z) | Latitude  | Longitude | Water Depth | Altimeter Height |
|-----------|----------|-----------|-----------|-------------|------------------|
| In Water  | 0817     | 30° 7.801 | 42° 7.339 | 826         | N/A              |
| At Bottom | 0854     | 30° 7.801 | 42° 7.339 | 814         | 1.8-2.3          |
| On Deck   | 0928     | 30° 7.800 | 42° 7.339 | 823         | N/A              |

(816-833)

↓ 10m ✓  
 ↑ surface ✓  
 ↓ 750m ✓ (alt.int.)  
 ↓ 50m (800m) (alt=20m)  
 ↓ 15m (815) alt=4.4-56  
 ↓ 2m (817m) alt=2.3-38  
 ↓ 1m (818) alt=2.0 settling 1.8-2.3  
 ↑ 480m (13)  
 ↑ 240m (17)  
 ↑ 15m (surface)  
 ↑

| Firing Order | Bottle No. | Depth (db or m) | Fired | Time (Z) | Sample Bottle No. | Comments     |
|--------------|------------|-----------------|-------|----------|-------------------|--------------|
| 1            | 1          | 817.7           | ✓     | 0854     |                   |              |
| 2            | 5          | 817.4           | ✓     | 0855     | 536, 537, 538     |              |
| 3            | 9          | 818.0           | ✓     | 0855     | <del>536</del>    |              |
| 4            | 13         | 482.3           | ✓     | 0905     |                   |              |
| 5            | 17         | 243.2           | ✓     | 0911     |                   | VALVE TIGHT. |
| 6            | 21         | 4.2             | ✓     | 0922     |                   |              |
| 7            |            |                 |       |          |                   |              |
| 8            |            |                 |       |          |                   |              |
| 9            |            |                 |       |          |                   |              |
| 10           |            |                 |       |          |                   |              |
| 11           |            |                 |       |          |                   |              |
| 12           |            |                 |       |          |                   |              |
| 13           |            |                 |       |          |                   |              |
| 14           |            |                 |       |          |                   |              |
| 15           |            |                 |       |          |                   |              |
| 16           |            |                 |       |          |                   |              |
| 17           |            |                 |       |          |                   |              |
| 18           |            |                 |       |          |                   |              |
| 19           |            |                 |       |          |                   |              |
| 20           |            |                 |       |          |                   |              |
| 21           |            |                 |       |          |                   |              |
| 22           |            |                 |       |          |                   |              |
| 23           |            |                 |       |          |                   |              |
| 24           |            |                 |       |          |                   |              |

| Aux Chan | Sensor Type | Serial Number | Aux Chan | Sensor Type | Serial Number |
|----------|-------------|---------------|----------|-------------|---------------|
| 0        |             |               | 4        |             |               |
| 1        |             |               | 5        |             |               |
| 2        |             |               | 6        |             |               |
| 3        |             |               | 7        |             |               |
|          | CTD         |               |          | Carousel    |               |

All information as last cast (tick)  Initials AM

BEACON POSITION AT BOTTOM [2211]  
 30° 7.79265N 42° 7.33742W. (0855)