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### Additional Contact:
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### SHIP: NEW HORIZON

### STS CTD POC: Robert Thombley

### SIO CRUISE ID:
NH1008

### DATES:
8 July 2010 to 25 July 2010

### PORTS:
San Diego to San Diego

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### STS/RT PERSONNEL REQUIRED:
2 Research Technician-Marine & Electronics

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### Equipment Required:

#### CTD SBE system with acquisition computer, SeaBird programs:
- **Sea-Bird SEASAVE for Windows**
- **Sea-Bird Data Processing programs Windows based.**
- **Sea-Bird Data Processing Manual**
- **Sea-Bird Data Acquisition Manual**
- Current calibrations entered into the *.con file.
- Calibration sheets, copy, and pdf files
- Calibrations, temperature and conductivity are performed ~4 months
- Calibrations, pressure and oxygen performed ~once a year
- Computer with keyboard/mouse/color monitor

<table>
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<tr>
<th>1 each</th>
<th>CTD, Sea-Bird 911plus</th>
<th>09P21561-0569</th>
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<tbody>
<tr>
<td></td>
<td>w/Pressure sensor</td>
<td>401K-105</td>
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<td>sensors included:</td>
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<td>Temperature Sensor, Sea-Bird SBE3Plus</td>
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<td>Deck Unit, Sea-Bird, V.2 SBE11</td>
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<td>1 each</td>
<td>Altimeter, Benthos, 1-99.9m PSA-916D</td>
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<td>Carousel, Sea-Bird Pylon 24-place SBE32</td>
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<td>Fluorometer, Seapoint, 6km Chlorophyll SCF2748</td>
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<td>Transmssimeter, Wetlabs, 25cm CSTAR</td>
<td>CST-1094DR</td>
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<td>Transmssimeter, Wetlabs, 25cm CSTAR</td>
<td>CST-492DR</td>
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<td>2 each</td>
<td>Adaptors for MCIL cable (Fluorometer and Altimeter)</td>
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<tr>
<td>1 each</td>
<td>CTD cable spares kit</td>
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### ROSETTE:

1 each 12/24 place rosette
14 each bottle (10 liter) includes 2 spares.
   Nitrile (Buna-n) o-rings are installed on the bottles.

### SAMPLES FOR SHORE ANALYSIS, INDEX #IOD19DC

100 each nutrient sampling tubes
10 each oxygen samples (Pickling rig and reagents, O2 flasks)

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1 each MOCNESS System

4/20/2010 Email indicated a Underwater Video Profiler (UVP-5) may be attached to the rosette. Correspondence forwarded to Research Technicians Electronics and Marine.

Additional Information:
SEE: http://shipsked.ucsd.edu
Shipping Details (Approx.Dates,etc.): N/A
Be advised serial numbers may differ with actual setup.
STS CTD has the wet pluggable MCBH-6 connectors.

Taken by: Email, 20 April 2010 Request by: K. Sanborn, 4 June 2010
Copies to: Sutherland/Durkin/Joyce/Lockhart/Files(Administration);
Oceanographic Data Facility (all-at-odf@sts.ucsd.edu);
Swift; Requestor/PI;
Research Technicians-Marine & Electronics (restech@ucsd.edu);
Ship Scheduling (shipsked@ucsd.edu);
Master NEW HORIZON (master@rv-newhorizon.ucsd.edu);
Captain Zoltan Kelety (zkelety@ucsd.edu)

** Notify Robert Thombley or Kristin Sanborn of additions or changes.
All other requests should be directed to Research Technicians.

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