

Station Number:

Meas. No: 0

Station Name: Propria - 15 Campanha - Fev-2012 - CHESF

Date: 02/22/2012

|                      |                             |                                    |
|----------------------|-----------------------------|------------------------------------|
| Party:               | Width: 783.5 m              | Processed by:                      |
| Boat/Motor:          | Area: 4176.3 m <sup>2</sup> | Mean Velocity: 0.641 m/s           |
| Gage Height: 0.000 m | G.H.Change: 0.000 m         | Discharge: 2,680 m <sup>3</sup> /s |

|                            |                            |                                  |               |
|----------------------------|----------------------------|----------------------------------|---------------|
| Area Method: Avg. Course   | ADCP Depth: 0.250 m        | Index Vel.: 0.00 m/s             | Rating No.: 1 |
| Nav. Method: Bottom Track  | Shore Ens.:10              | Adj.Mean Vel: 0.00 m/s           | Qm Rating: U  |
| MagVar Method: None (0.0°) | Bottom Est: Power (0.1667) | Rated Area: 0.000 m <sup>2</sup> | Diff.: 0.000% |
| Depth Sounder: Not Used    | Top Est: 3-Pt. Slope       | Control1: Unspecified            |               |
|                            |                            | Control2: Unspecified            |               |
|                            |                            | Control3: Unspecified            |               |

|                              |                                 |                 |
|------------------------------|---------------------------------|-----------------|
| Screening Thresholds:        | ADCP:                           |                 |
| BT 3-Beam Solution: YES      | Type/Freq.: Rio Grande/1200 kHz |                 |
| WT 3-Beam Solution: NO       | Serial #: 10614                 | Firmware: 10.17 |
| BT Error Vel.: 0.10 m/s      | Bin Size: 50 cm                 | Blank: 25 cm    |
| WT Error Vel.: 1.07 m/s      | BT Mode: 5                      | BT Pings: 1     |
| BT Up Vel.: 0.30 m/s         | WT Mode: 1                      | WT Pings: 1     |
| WT Up Vel.: 2.00 m/s         | WV : 200                        |                 |
| Use Weighted Mean Depth: YES | Max. Vel.: 1.66 m/s             |                 |
|                              | Max. Depth: 8.67 m              |                 |
|                              | Mean Depth: 5.33 m              |                 |
|                              | % Meas.: 71.93                  |                 |
|                              | Water Temp.: None               |                 |
|                              | ADCP Temp.: 27.9 °C             |                 |

Performed Diag. Test: NO

Project Name: Propria - 15 Campanha - F

Performed Moving Bed Test: NO

Software: 2.01

Performed Compass Test: NO

Meas. Location:

| Tr.#        |   | Edge Distance |      | #Ens. | Discharge |        |        |       |       |       | Width | Area   | Time         |       | Mean Vel. |       | % Bad |      |
|-------------|---|---------------|------|-------|-----------|--------|--------|-------|-------|-------|-------|--------|--------------|-------|-----------|-------|-------|------|
|             |   | L             | R    |       | Top       | Middle | Bottom | Left  | Right | Total |       |        | Start        | End   | Boat      | Water | Ens.  | Bins |
| 000         | L | 5.00          | 30.0 | 835   | 428       | 1906   | 293    | 2.51  | 14.8  | 2644  | 788.6 | 4166.0 | 13:59        | 14:08 | 1.39      | 0.64  | 7     | 1    |
| 001         | R | 5.00          | 30.0 | 572   | 442       | 1945   | 305    | 3.41  | 15.4  | 2711  | 778.4 | 4186.7 | 14:08        | 14:15 | 1.97      | 0.65  | 12    | 1    |
| <b>Mean</b> |   | 5.00          | 30.0 | 703   | 435       | 1926   | 299    | 2.96  | 15.1  | 2677  | 783.5 | 4176.3 | <b>Total</b> | 00:15 | 1.68      | 0.64  | 9     | 1    |
| <b>SDev</b> |   | 0.00          | 0.00 | 186   | 10.3      | 27.4   | 8.46   | 0.640 | 0.399 | 47.1  | 7.23  | 14.68  |              |       | 0.41      | 0.01  |       |      |
| <b>R/M%</b> |   | 0.00          | 0.00 | 37.4  | 3.3       | 2.0    | 4.0    | 30.6  | 3.7   | 2.5   | 1.3   | 0.5    |              |       | 34.45     | 1.87  |       |      |

Remarks: Cota Inicial = 2,78 as 14:00hs

Cota Final = 2,78 as 14:40hs