

Station Number:

Meas. No: 0

Station Name: Piaçabuçu - 20 Campanha - Julho-2012 - CHESF

Date: 07/27/2012

|                      |                             |                                  |
|----------------------|-----------------------------|----------------------------------|
| Party:               | Width: 1022.3 m             | Processed by:                    |
| Boat/Motor:          | Area: 4534.2 m <sup>2</sup> | Mean Velocity: 0.141 m/s         |
| Gage Height: 0.000 m | G.H.Change: 0.000 m         | Discharge: 638 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.: 0.672 m/s            |                 |
|                              | Max. Depth: 7.91 m              |                 |
|                              | Mean Depth: 4.44 m              |                 |
|                              | % Meas.: 69.70                  |                 |
|                              | Water Temp.: None               |                 |
|                              | ADCP Temp.: 25.0 °C             |                 |

Performed Diag. Test: NO

Project Name: Piaçabuçu - 20 Campanha

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 | 20.0  | 1019      | 134    | 509    | 95.8 | 0.353  | 3.32  | 743   | 1023.9 | 4507.3 | 07:34        | 07:45     | 1.48  | 0.17  | 5    | 1 |
| 001         | R             | 5.00 | 20.0  | 905       | 84.2   | 380    | 66.3 | -0.434 | 2.70  | 533   | 1020.7 | 4561.0 | 07:45        | 07:55     | 1.68  | 0.12  | 5    | 1 |
| <b>Mean</b> |               | 5.00 | 20.0  | 962       | 109    | 445    | 81.0 | -0.041 | 3.01  | 638   | 1022.3 | 4534.2 | <b>Total</b> | 00:21     | 1.58  | 0.14  | 5    | 1 |
| <b>SDev</b> |               | 0.00 | 0.00  | 81        | 35.4   | 90.9   | 20.9 | 0.556  | 0.436 | 148   | 2.28   | 37.97  |              |           | 0.14  | 0.03  |      |   |
| <b>R/M%</b> |               | 0.00 | 0.00  | 11.9      | 45.8   | 28.9   | 36.4 | 1943.2 | 20.5  | 32.9  | 0.3    | 1.2    |              |           | 12.33 | 34.04 |      |   |

Remarks: Cota Inicial = 3,76 as 07:30

Cota Final = 3,76 as 08:00

Discharge for transects in *italics* have a total Q more than 5% from the mean