

9/28/06

SAMOS Instrument Metadata form

Version 01

| Primary Instrument Metadata         |                      |            |       | Vessel Name |                          |                      |                                      |                      |                        |   |              |                    |                          |                                   |  |
|-------------------------------------|----------------------|------------|-------|-------------|--------------------------|----------------------|--------------------------------------|----------------------|------------------------|---|--------------|--------------------|--------------------------|-----------------------------------|--|
| Logging System Name                 |                      |            |       |             |                          |                      | System Version                       |                      |                        |   |              |                    |                          |                                   |  |
| Wind direction convention (to/from) |                      |            |       |             |                          |                      | Anemometer zero-line reference (deg) |                      |                        | Pressure adjusted to sea level (yes/no) |              |                    |                          |                                   |  |
| Parameter                           | Designator for SAMOS | Instrument |       | Units       | Distance (nearest 0.1 m) |                      |                                      | Measured/ Calculated | Data Averaging         |   |              | Sampling rate (Hz) | Data precision (decimal) | Date in/last calibration (YYMMDD) |  |
|                                     |                      | Make       | Model |             | From bow                 | P/S from center line | Height /depth                        |                      | Spot vs. Average Value | Value Time Center                       | Length (sec) |                    |                          |                                   |  |
| Time                                |                      |            |       |             |                          |                      |                                      |                      |                        |   |              |                    |                          |                                   |  |
| Latitude                            |                      |            |       |             |                          |                      |                                      |                      |                        |   |              |                    |                          |                                   |  |
| Longitude                           |                      |            |       |             |                          |                      |                                      |                      |                        |   |              |                    |                          |                                   |  |
| Heading                             |                      |            |       |             |                          |                      |                                      |                      |                        |   |              |                    |                          |                                   |  |
| Course over ground                  |                      |            |       |             |                          |                      |                                      |                      |                        |   |              |                    |                          |                                   |  |
| Speed over ground                   |                      |            |       |             |                          |                      |                                      |                      |                        |   |              |                    |                          |                                   |  |
| Speed over water                    |                      |            |       |             |                          |                      |                                      |                      |                        |   |              |                    |                          |                                   |  |
| Vessel-relative wind direction      |                      |            |       |             |                          |                      |                                      |                      |                        |   |              |                    |                          |                                   |  |
| Vessel-relative wind speed          |                      |            |       |             |                          |                      |                                      |                      |                        |   |              |                    |                          |                                   |  |
| Earth-relative wind direction       |                      |            |       |             |                          |                      |                                      |                      |                        |   |              |                    |                          |                                   |  |
| Earth-relative wind speed           |                      |            |       |             |                          |                      |                                      |                      |                        |   |              |                    |                          |                                   |  |
| Atm. pressure                       |                      |            |       |             |                          |                      |                                      |                      |                        |   |              |                    |                          |                                   |  |
| Air temperature                     |                      |            |       |             |                          |                      |                                      |                      |                        |   |              |                    |                          |                                   |  |
| Wet-bulb temperature                |                      |            |       |             |                          |                      |                                      |                      |                        |   |              |                    |                          |                                   |  |
| Dewpoint temperature                |                      |            |       |             |                          |                      |                                      |                      |                        |   |              |                    |                          |                                   |  |
| Relative humidity                   |                      |            |       |             |                          |                      |                                      |                      |                        |   |              |                    |                          |                                   |  |
| Specific humidity                   |                      |            |       |             |                          |                      |                                      |                      |                        |   |              |                    |                          |                                   |  |
| Precipitation                       |                      |            |       |             |                          |                      |                                      |                      |                        |   |              |                    |                          |                                   |  |
| Shortwave radiation (up/dn)         |                      |            |       |             |                          |                      |                                      |                      |                        |   |              |                    |                          |                                   |  |
| Longwave radiation (up/dn)          |                      |            |       |             |                          |                      |                                      |                      |                        |   |              |                    |                          |                                   |  |
| Visibility                          |                      |            |       |             |                          |                      |                                      |                      |                        |   |              |                    |                          |                                   |  |
| Ceiling height                      |                      |            |       |             |                          |                      |                                      |                      |                        |   |              |                    |                          |                                   |  |
| Sea temperature                     |                      |            |       |             |                          |                      |                                      |                      |                        |   |              |                    |                          |                                   |  |
| Salinity                            |                      |            |       |             |                          |                      |                                      |                      |                        |   |              |                    |                          |                                   |  |
| Conductivity                        |                      |            |       |             |                          |                      |                                      |                      |                        |   |              |                    |                          |                                   |  |

Use this form to provide primary sensor information for each available parameter.

