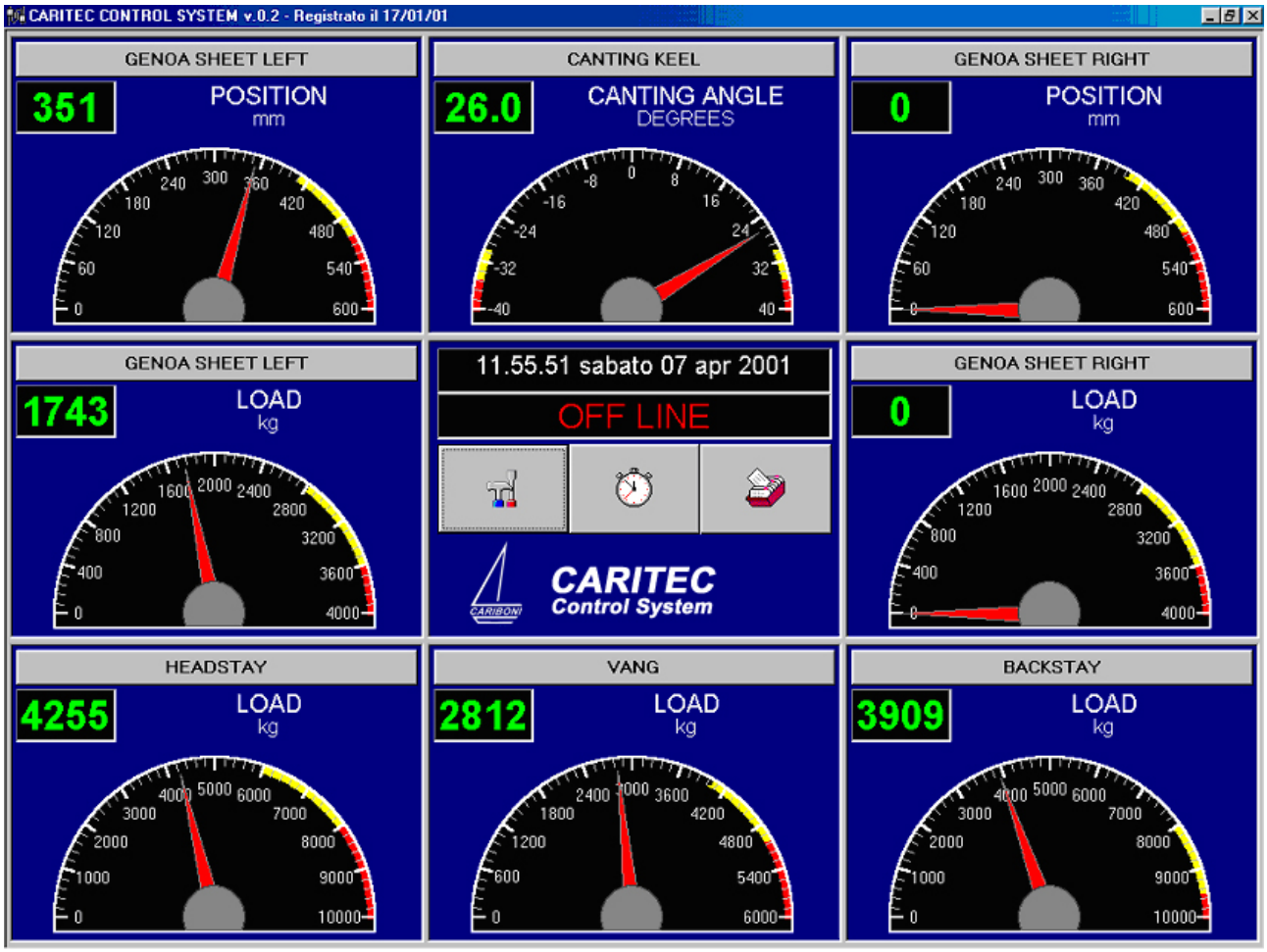
CARITEC MDA is the new powerful monitoring and data acquisition system for an easy reading and recording data on your boat. You can read and record quantities as PRESSURE, LOAD, FLOW, LINEAR POSITION, ANGLE POSITION, TEMPERATURE, LEVEL and every quantity you can measure with a 0÷10 VDC or 4÷20 mA outlet signal.
The standard unit shows on a PC page 8 measure dials, but the system can be improved adding further 8 instruments pages.



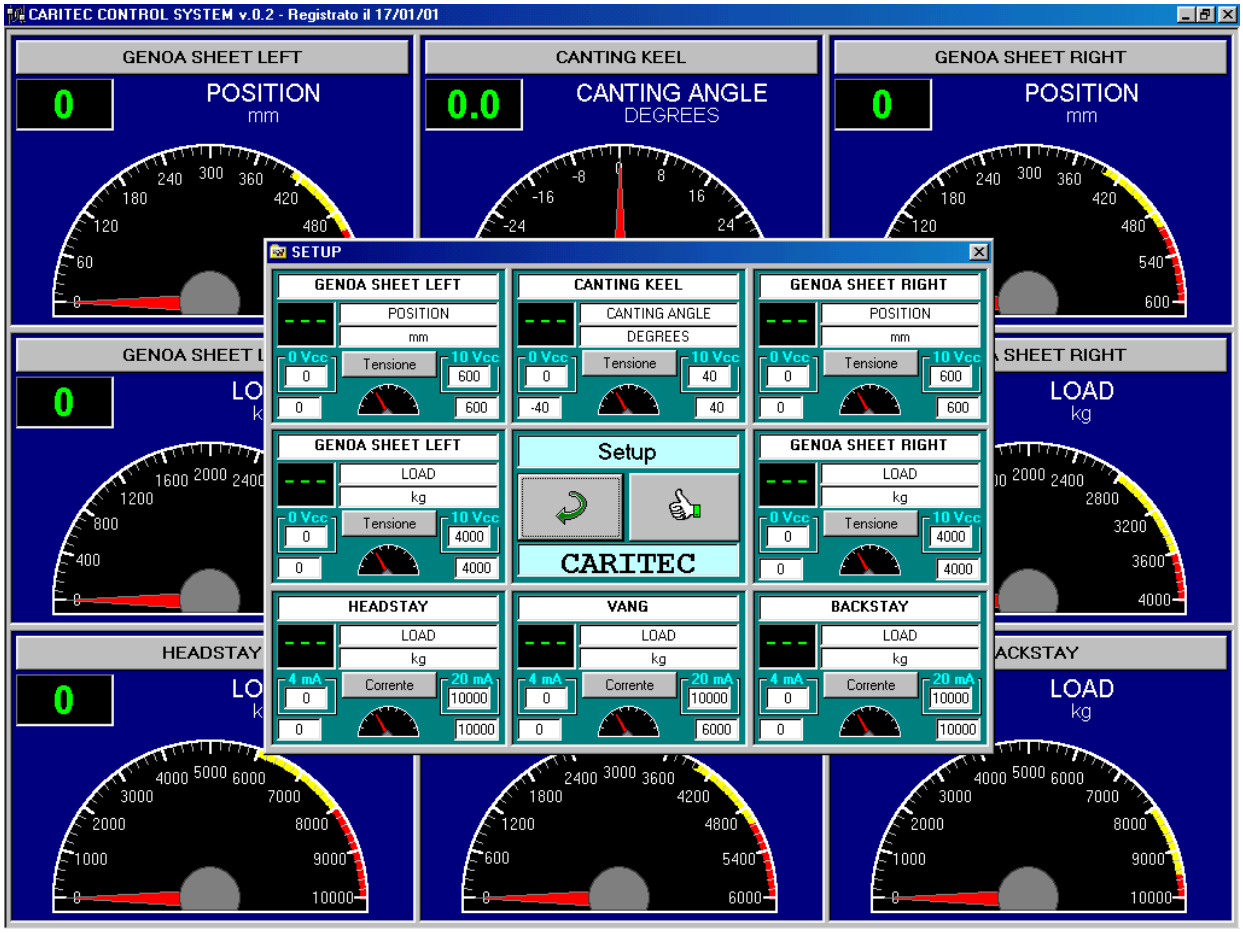
Note: the *CARITEC MDA* system is designed just to read and record data, not to control quantities and steer your boat.

SOFTWARE

On a PC page you can simultaneously read 8 mesurements with both analogic and digital visualization.

You can quickly and easily set for each instrument:

- Name
- Measure unit
- Signal end of scale
- Instrument end of scale
- Alarm and prealarm limit (visual and sound alarms)
- Type of signal (Tension or Current)



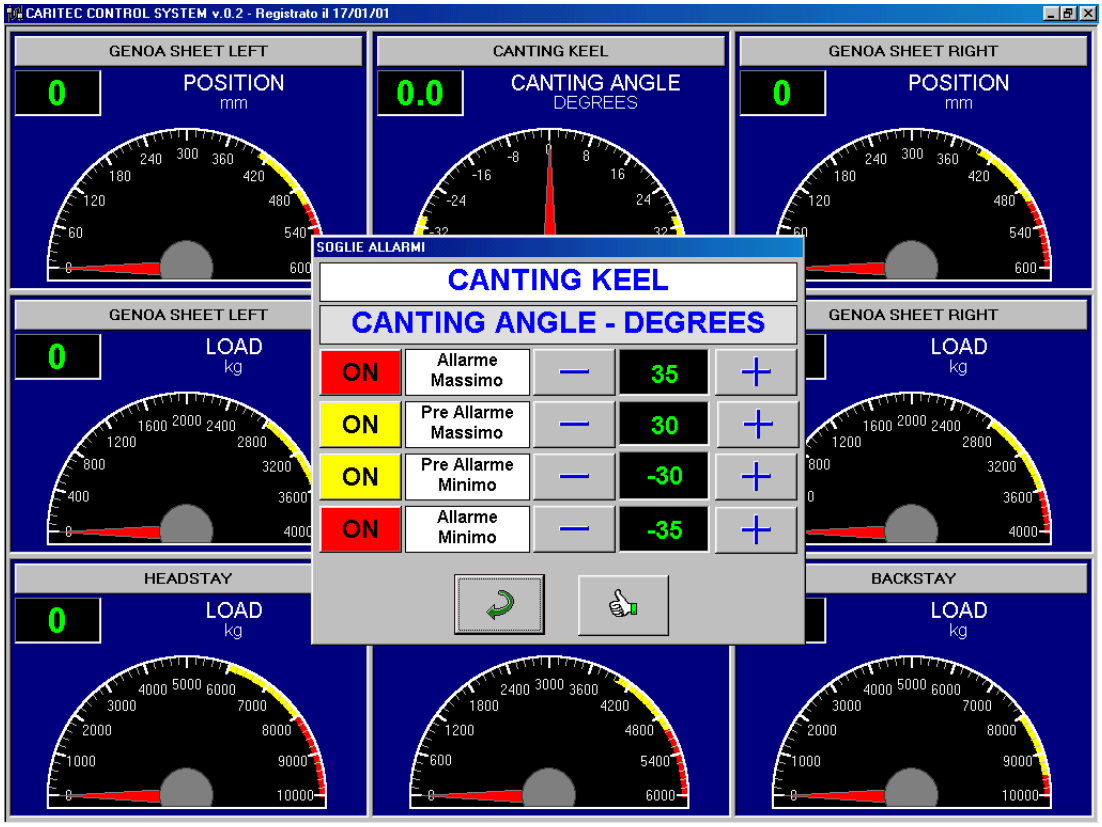
Also the data sampling frequency can be set, and the software saves automatically a daily file in chronological order.

The recorded data are stored in a *.xls* format table for further elaboration.

The data and alarm setting are protected by password.

CARITEC MDA system requirements: Windows 95/98/2000 or NT.

The system is available also with a touch screen control.



CARITEC CONTROL SYSTEM v.0.2 - Registrato il 17/01/01

martedì 20 febbraio 2001

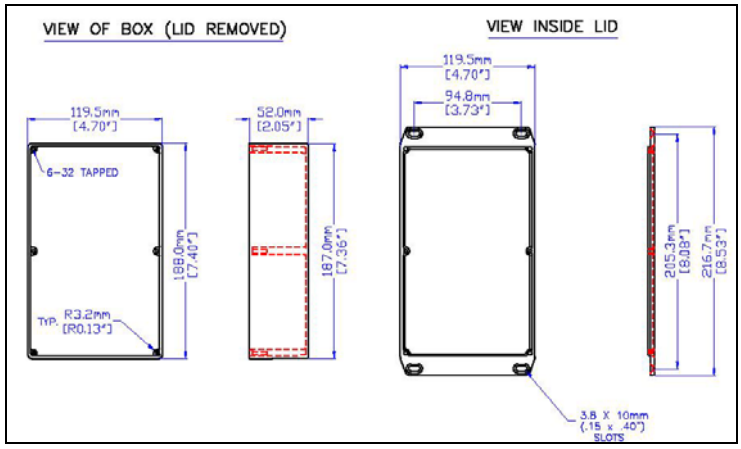
ORA	GENOA SHEET LEFT POSITION mm	GENOA SHEET LEFT LOAD kg	HEADSTAY LOAD kg	CANTING KEEL CANTING ANGLE DEGREES	VANG LOAD kg	GENOA SHEET RIGHT POSITION mm	GENOA SHEET RIGHT LOAD kg	BACKSTAY LOAD kg
10:22:50	0	210	13	0.8	0	0	0	0
10:23:00	0	210	13	18.3	0	0	0	0
10:23:10	0	210	13	-7.4	0	0	0	0
10:23:20	0	210	13	-7.5	0	0	0	0
10:23:30	0	210	13	-1.1	0	0	0	0
10:23:40	0	210	13	7	0	0	0	0
10:23:50	0	210	13	0.8	0	0	0	0
10:24:00	0	210	13	0.1	0	0	0	0
10:24:10	0	210	13	0.2	0	0	0	0
10:24:20	0	210	13	0.2	0	0	0	0
10:24:30	0	210	13	0.1	0	0	0	0
10:24:40	0	210	13	0	0	0	0	0
10:24:50	0	210	13	0	0	0	0	0
10:25:00	0	210	13	0	0	0	0	0
10:25:10	0	210	13	0	0	0	0	0
10:25:20	0	210	14	0.1	0	0	0	0
10:25:30	0	210	14	-0.1	0	0	0	0
10:25:40	0	210	14	-0.1	0	0	0	0
10:25:50	0	210	14	-0.1	0	0	0	0
10:26:00	0	210	14	0	0	0	0	0
10:26:10	0	210	14	-0.1	0	0	0	0
10:26:20	0	210	14	0	0	0	0	0
10:26:30	0	210	14	-0.1	0	0	0	0
10:26:40	0	210	14	-0.1	0	0	0	0
10:26:50	0	210	14	0.1	0	0	0	0
10:27:00	0	210	14	-0.5	0	0	0	0
10:27:10	0	210	14	2.4	0	0	0	0
10:27:20	0	210	14	2.4	0	0	0	0
10:27:30	0	210	14	2.4	0	0	0	0
10:27:40	0	0	22	2.5	0	0	0	0
10:27:50	0	0	122	2.4	0	0	0	0

HARDWARE

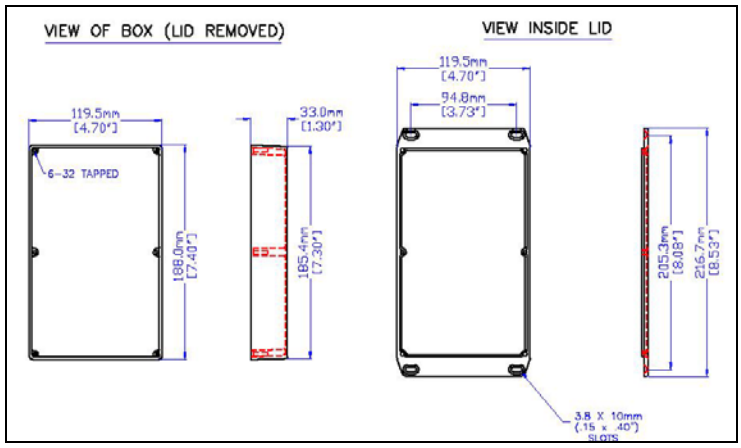
The interface unit is composed by the 8 analogical data inlet modules and the converter module RS485/RS232.

The master unit is complete with a 16 poles connection for transducers, a serial cable for PC connection and a power supply connection. Each auxiliary unit can be connected directly to the master unit or to another auxiliary unit.

Power supply 10÷30VDC. You can acquire both 0÷10 VDC and 4÷20 mA signals.



Interface master unit box (0.9 kg)



Auxiliary unit box for each further 8 instruments module (0.4 kg)

MASTER BOX UNIT