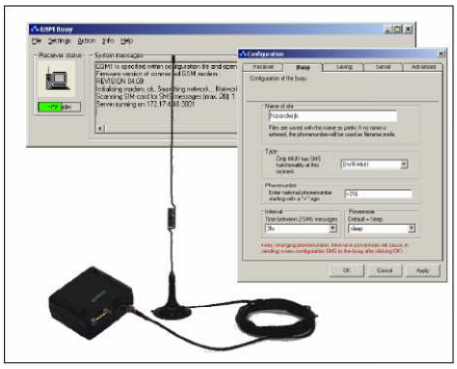
Allegato B)

Scheda tecnica del sistema boa ondametrica Nausicaa della Regione Emilia-Romagna.

Directional Waverider MK III 	• Wave motion sensor based on a stabilised platform, accelerometers, and magnetic compass • **measures wave height** for wave periods of 1.6 to 30 seconds, accuracy 0.5 % of measured value • **measures wave direction** • measures water temperature • GPS for buoy monitoring and tracking through HF link • internal logger • LED flash antenna • 0.9 m (0.7 m) diameter spherical hull of AISI 316 • optional Cunifer hull, warranted not to corrode • 3 years (1 year) battery life • HF transmitter range 50 km over sea • optional GSM module for data transmission via the GSM network
Directional Waverider® Receiver RX-C 	• receiver for the Directional Waverider® and the WR-SG • compact: 230 x 100 x 200 mm (W x H x D), dedicated, and transparent data transfer • backlit LCD display shows signal quality • increased dynamic range and more forgiving to noise and interference • 25.5 - 35.5 MHz, electronically tuneable reception frequency (PLL + DDS) • memory for 6 different buoy frequencies • radio range 50 km • RS232 interface for connection with a PC • low power makes battery supply practical (optional)
Datawell GSM SMS 	• Datawell GSM receiver software “gsmBuoy” for buoy (re)configuration and collecting incoming messages • GSM module + desktop antenna