

Comment to:

Meteo and hydrodynamic data in the Mar Grande and Mar Piccolo by the LIC Survey, winter and summer 2015

by Michele Mossa, Elvira Armenio, Mouldi Ben Meftah, Maria Francesca Bruno, Diana De Padova, Francesca De Serio

General comment: The paper has been improved, but not all the referees' questions have been addressed. The authors are invited to answer to questions and also review the english.

Specific comments:

1) The paragraph 3 is not easy to read. I suggest to synthesise the information in a unique table such as:

		Mare Piccolo	Mare Grande
waves	Progressive data number		
	Date (year/month/day/hour/minute)	x	x
	Position ???	Significant wave height Hs Significant wave period Ts Significant wave incoming direction (in degree, referenced to North) Average of the 1/10 highest waves H1/10 (m) Average wave period Tmean (s).	
Currents	Progressive data number		
	Date (year/month/day/hour/minute)	x	x
	Position ???	Cell of measurement with indication of its depth from surface (z=0); cell current intensity (m/s) cell current direction	
Temp.	Progressive data number		
	Date (year/month/day/hour/minute)	x	
	Position???	Water Potential Temperature measured in ITS-90 degrees Celsius (°C)	
Meteo	Progressive data number		
	Date (year/month/day/hour/minute)		x
	Position ???	Average wind velocity (m/s) ; Max wind velocity (m/s); Wind incoming direction NE (deg); Air temperature (°C);	

			Dew point (°C); Atmospheric pressure (mbar); Relative humidity (%).
Wat Qual	Progressive data number		
	Date (year/month/day/hour/minute)		x
	Position???		Water Potential Temperature measured in ITS-90 degrees Celsius (°C);  Conductivity (S/m); Pressure (dbar);  Practical Salinity (PSU) using PSS-78 algorithm Density (kg/m <sup>3</sup> );  Dissolved oxygen (ml/l);  Chlorophyll (µg/l): Turbidity (NTU) CDOM (RFU) Crude oil (RFU) Refined oil (RFU)

Referee Iona in ‘comments on data files’ suggest to add also ‘position’ in the data files. This information must be in the table. The referee, in practice, ask for interoperability, i.e. the possibility to exchange data following international agreed metadata content and data formats (Oceav Data View is cited).

2) The other important referee comment is the n.5. Here is a request to use common vocabularies (e.g. the SeaDataNet common vocabularies such as the P02). These vocabularies must be used in the table, and must be presented in the text.

3) Flags and quality control: the authors are presenting succinctly the quality assurance procedures, but the quality control is lacking. Also, in this case, the authors could refer to SeaDataNet Quality control. It must also be said how the data were flagged.

The authors are asked to answer to all Iona questions and include their answers in the text.

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