

## ***Interaction Between Offshore Wind Farms and Maritime Navigation***

PIANC or the World Association for Waterborne Transport Infrastructure announced early in April that its MarCom Working Group report 161, *Interaction Between Offshore Wind Farms and Maritime Navigation*, has been released.

The objective of this report is to provide information and recommendations on good practice. Conformity is not obligatory and engineering judgement should be used in its application, especially in special circumstances. This report should be seen as an expert guidance and state of the art on this particular subject. PIANC disclaims all responsibility in case this report should be presented as an official standard.

Of 81 pages the price is € 95,00 (€ 35,00 for students).

*Interaction Between Offshore Wind Farms and Maritime Navigation* provides an approach, guidelines and recommendations to assess the required manoeuvring space for ships in the vicinity of offshore wind farms (OWF) and the minimum recommended distance between shipping lanes and sea areas for OWF in order to ensure a minimal risk to navigation.

Furthermore, the document specifically addresses issues with OWF regarded as a subset of Offshore Renewable Energy Installations (OREI) and some of the recommendations will have a wider application to other OREI.

This report provides references to international conventions and regulations. In addition it:

- Provides guidelines to define an appropriate safe distance to navigation for different situations.
- Describes the electromagnetic radiation effect on radio navigation and radio communication systems.
- Indicates mitigating measures to be taken into account for the safe navigation of shipping.
- Covers emergency situations that may occurred within or close to an OWF.

Further information can be found at: [www.pianc.org/technicalreportsbrowseall](http://www.pianc.org/technicalreportsbrowseall)