

EuroGOOS Tide Gauge TT Status Report to GA, May 2016

Full TT Title	EuroGOOS Tide Gauge Task Team
Established	March 2015
Chair/co-Chairs	Begoña Pérez Gómez (PdE) / Vincent Donato (SHOM)
Current members	12 organizations from 9 countries
Main contact person	Begoña Pérez Gómez
Webpage	http://eurogoos.eu/tide-gauge-task-team/
Meetings 2015	Mallorca (Spain), 12 June, 2015 Madrid (Spain), 8 October, 2015
Next meetings planned	Webex meeting, May-June 2016 La Rochelle, November 2016
Main updates in membership and organization 2015-2016	Co-chair Vincent Donato (SHOM) New membership: Alessandro Anunziato (JRC-European Commission), Karim Hilmi (INRH-Morocco)
Main work areas 2015-2016	Definition of ToR, identification and update of sea level national contacts, review of existing sea level data portals, presentation of the task team to other sea level programs
Successes 2015-2016	<p>The core group has been consolidated during this first year and the national contacts identified.</p> <p>The Task Team was presented at the GLOSS Group of Experts 14th meeting in Goa (India), in October 2015, and at the NEAMTWS ICG (UNESCO) session in Dublin (Ireland) in November 2015.</p> <p>After completion of the national contacts list, a circular letter was sent with the announcement of the TT establishment to more than 110 individuals.</p> <p>The letter was accompanied by a survey on the status of the tide gauge networks in Europe and nearby countries. We have got 38 respondents to this survey, which was also accessible on-line in the EuroGOOS Webpage, with which main conclusions on funding and other problems can now be identified.</p>
Bottle necks / problems	<p>Delays on the answers to the questionnaire were obviously a big issue.</p> <p>Lack of answer at all from several important countries, many of them from a critical area where sea level data have been missed for years: the North of Africa.</p> <p>We found problems to identify adequate national contact or</p>

**Main work plan areas
2016-2017**

responsible person on charge of tide gauges at several countries.

- Organization of a one-day workshop of TG operators and sea level experts in La Rochelle (November 2016).
- This workshop will be held in parallel to the altimetry community OST/ST workshop: a side meeting “Altimetry and tide gauge for sea level” will take place during those days, where the altimetry and tide gauge communities will exchange experiences and needs and will generate a list of recommendations.
- Survey on status of sea level data portals (gaps, duplications, deficiencies)
- Circular to policy-makers about problems of existing tide gauge networks.
- Contribution to the Copernicus Ocean State Report (products from tide gauge data).

**Links / synergies with
other initiatives**

Altimetry community

Eumetnet collaboration – tide gauge data transmission to the GTS

Full TT Title	EuroGOOS HF Radar Task Team
Established	2014
Chair/co-Chairs	Julien Mader (AZTI, Spain)
Current members	Antonio Novellino (ETT, Italy), Annalisa Griffa (CNR-ISMAR, Italy), Johannes Schulz-Stellenfleth (HZG, Germany), Maribel Ruiz (Puertos del Estado, Spain), Lucy Wyatt (Univ. Sheffield, UK), Céline Quentin (MIO-Toulon, France), Anna Rubio (AZTI, Spain), Carlo Mantovani (CNR-ISMAR, Italy), Pedro Montero (INTECMAR, Spain), Michael Hartnett (NUIG, Ireland)
Main contact person	Julien Mader (jmader@azti.es)
Webpage	http://eurogoos.eu/high-frequency-radar-task-team/
Meetings 2015	Webex meeting Feb 6, 2015 Core group in Palma Sep28-Oct1, 2015, Mallorca, Spain
Next meetings planned	September 2016
Main updates in membership and organization 2015-2016	After official request through EuroGOOS Secretariat, Michael Hartnett (NUIG, Ireland) joined the group in Oct2015
Main work areas 2015-2016	<ol style="list-style-type: none"> 1. Management: Setting up of the HFR Task Team, Internal actions in EuroGOOS 2. Strategy: Roadmap (based on Inventory, state-of-the-art, workplan) 3. Networking and coordination activities <ol style="list-style-type: none"> 3.1. Co-operation: promoting/following coordinated actions in projects 3.2. Co-production of HFR data products 3.3. Recommendations 4. Promotion (diffusion, webpage) and representation (Global HFR, EOOS)
Successes 2015-2016	<p>[1.1] ToR writing; Core group definition, Kick-off in EuroGOOS structure.</p> <p>[3.1] <i>Building a community</i>: Joint proposals seeking for funding for networking activities: COST action proposals led by L.Wyatt. ITN CRUSOE proposal led by A. Rubio</p> <p>[3.1] Coordinated actions established in funded projects JERICO-NEXT, INCREASE, EMODNET-Physics that provide outputs and benefits for all the HFR community.</p>

	<p>[3.1] a Pilot web platform (BaseCamp) administrated by P-Montero (INTECMAR) has been used for interacting in a joint task (cf. next success). It gave good results and could be used as a wider level by the HFR TT.</p> <p>[3.2] Successful pilot action for connecting HFR systems with a homogenised THREDDS catalogue (EMODnet Physics framework)</p> <p>[4] Webpage: V0 - in the context of the EuroGOOS conference (EMODnet Physics)</p> <p>[4] EGU April 2015, co-organization and co-chairing of the special session: Oceanography at coastal scales. Modelling , coupling and observations. Oral contribution to the session with a presentation on HFR Task Team activities and plans entitled: European coordination for coastal HF radar data in EMODnet Physics.</p>
<p>Bottle necks / problems</p>	<p>Difficulties in funding a wide networking project (like a COST action).</p> <p>Some operators have difficulties to make their system sustainable (Research funding).</p>
<p>Main work plan areas 2016-2017</p>	<p>[1] Communication and technical exchanges in the Task Team (on-line meetings; use of communication tool).</p> <p>[2] Roadmap will be established based on an Inventory of the current network, state-of-the-art (technology, R&D, existing European and national projects, etc), objectives and strategy for development, integration, applications, workplan for future.</p> <p>[3.1] Harmonization and co-production will be produced in different projects (JERICO-NEXT/INCREASE).</p> <p>[3.2] Progress on connecting existing system to European data systems.</p> <p>[3.2] Progress on defining and developing co-produced applied services.</p> <p>[3.3] Recommendations on metadata, data format and quality control will be available.</p> <p>[4] Developing contents in the webpage; Promoting the ROW2017 in Germany</p>
<p>Links / synergies with other initiatives</p>	<ul style="list-style-type: none"> • EuroGOOS WGs • HFR TT should play a role in EOOS development • Link with Global HFR network, ROW, ROWG