SAFER SEAS RECEIVED THE FINANCIAL SUPPORT OF

the European Union  the Brittany Region

SAFER SEAS is a PARIS 2015 – COP21 event

CONTENT

/3 Editorial
4/5 Introduction
/6 General timing
7/15 Safer Seas Conference
16/17 Meetings and symposiums
18/19 Trade Show and B2B Meetings
/20 Patronages and partners
Between the 26th and 30th October, Brest is the port of call for the international maritime community. Their objective: to be part of the 4th SAFER SEAS event, the major gathering devoted to maritime safety and security.

SAFER SEAS is hosted by Brest métropole local authority and the Technopôle Brest-Iroise Science Park, with the support of the European Union, the Brittany Regional Council and the Pôle Mer Bretagne Atlantique cluster, and other major players in the region including public research bodies and higher education institutions.

The upcoming event, which this year features the overarching theme of Blue Growth and climate-related issues, benefits from the sponsorship and participation of leading international bodies such as the International Maritime Organization and the European Union as well as the French government, and is expecting 500 attendees from around the world.

Alongside a multidisciplinary international conference, the full programme comprises specialist large-scale symposiums and seminars, a trade fair showcasing highly innovative companies and a range of collaborative networks, further consolidating the globally recognised place held by Brest and Brittany in the field of marine science and technology.

The drive of the event in Brest between 26th and 30th October towards “safer and cleaner seas” is in line with the process and issues underlying the World Climate Summit, hence the COP 21 label and the renewed support of the UNESCO Intergovernmental Oceanographic Commission that it enjoys.
INTRODUCTION

For the 4th time since 2002, the international maritime community is gathering at Le Quartz Conference Centre in Brest to discuss - in the conference hall arena, over trade show stands or during coffee breaks - the questions currently fuelling the maritime safety and security debate in our daily working lives. As ever, there will be space for considering questions of search and rescue, pollution, container ships, regulations and technologies. Regular attendees will, however, also hear presentations concerning markets, sectors and, on a less common theme perhaps, climate and human-induced changes.

MARITIME SAFETY, CLIMATE AND BLUE GROWTH

While it is not unusual for the SAFER SEAS event to combine issues of maritime safety and the resulting obstacles and/or opportunities, environmental concerns and responses to major energy and climate challenges are now having a greater than ever influence on the shaping of new maritime safety and security policies. The prospect of new shipping routes linked to melting ice, fresh regulations and technological innovations for ‘green’ ships to counter the greenhouse effect, and the development of offshore activities and exploitation of fossil and biomarine resources and marine energies provide some examples of the extent to which maritime transport and how it is regulated are no longer the only angle from which to approach maritime safety and security.

The 2015 SAFER SEAS event has thus chosen ‘Blue Growth’ as the overarching theme for its work this year in order to develop maritime safety and security issues from the point of view of the sea’s diverse potential.

It is also as a staging post on the route towards the World Climate Summit in Paris in December that the full relevance of the SAFER SEAS event becomes apparent: oceans, climate, maritime safety, etc. - the interconnections are limitless. In addition, it is significant that the European Academy of Sciences (EURASC) and its international leading experts have chosen SAFER SEAS to host this year’s symposium.

PROVEN FORMULA

Space to examine these questions is provided within a proven format: SAFER SEAS is structured around a multidisciplinary international conference (on 27th and 28th October), bringing together leading experts in their fields. More specialised, top-level symposiums and seminars offer an opportunity to raise and examine in greater depth issues dealt with in the main conference.
A total of 6 such forums are included, each one an event in its own right:

- The EURASC symposium (European Academy of Sciences on 27th and 28th October) will bring together scientists of worldwide reputation to examine advanced ocean and climate change research, food security issues and economic impacts, etc. Among the organisations and key contributors are Jean Jouzel, Vice-president of the IPCC, who will be presenting a paper as part of the SAFER SEAS main conference;

- The MarCoPol forum (27th, 28th and 29th October) from the UMR-Amure mixed research unit at the Université de Bretagne Occidentale and the University of Plymouth looking at Blue Growth and maritime policies;

- Meeting of the E-Nav Committee of the International Association of Marine Aids to Navigation and Lighthouse Authorities (IALA), from 26th to 30th October;

- Meeting of the NOE network on funding within the framework of the Horizon 2020 programme (28th October);

- Workshop entitled “Potential uses and innovations for satellite applications in the maritime sector”, led by the French Ministry of Ecology, Sustainable Development and Energy (MEDDE) and by CEREMA (28th October);

- And lastly, on 29th October the Atlantic Stakeholder Conference, organised by the European Commission DG MARE. The Atlantic action plan is setting its sights on Blue Growth.

**ECONOMIC DIMENSION**

As well as featuring the main conference and related symposiums, the structure of SAFER SEAS allows plenty of room for the world of enterprise, innovation and business relations.

This commitment is reflected both in the trade show - which recognises the most innovative companies in the maritime sector - and in B2B meetings, set up by the region’s development agency, Bretagne Développement Innovation.

**LOCAL BASE - INTERNATIONAL SCOPE**

SAFER SEAS is an initiative primarily led by Brest métropole local authority and the Technopôle Brest-Iroise Science Park, with the support of major players in the region, notably through ongoing dialogue with the Pôle Mer Bretagne Atlantique cluster, those working in public sector research, the Higher Education establishments, central and local government services, etc. But the event is not solely limited in scope to local or indeed national issues but examines issues on a global scale. For this reason, previous SAFER SEAS events have consistently benefited from the sponsorship and participation of leading international bodies such as the International Maritime Organization and the European Union.

**ON COURSE FOR COP 21!**

This shared commitment by all experts who, along with European and international partners, represent maritime excellence in Brest and the region of Brittany, will be expressed in October 2015 as a contribution by Brest on the theme of “Oceans, Climate and Maritime Safety”.

INTRODUCTION
### Close from “Le Quartz”

- Meeting of the Noé network “Marine science and technologies in the framework of the Horizon 2020 programme: the funding opportunities for SMEs and research labs”, Wednesday 28th October, 9.00 am - 1.00 pm, CCI of Brest (1 place du 19 RI, Brest);

- Workshop led by the French MEDDE and by CEREMA, entitled “Potential uses and innovations for satellite applications in the maritime sector”, Wednesday 28th October, 11.30 am - 4.30 pm, Faculté des Lettres, Room B001 (20 rue Duquesnes, Brest);
The SAFER SEAS conference takes place on 27th and 28th October 2015, exclusively in the Méridienne Room. Translation devices supplied at the Méridienne’s doors.

**TUESDAY 27th OCTOBRE**

9.00 > 9.45 am Opening session

OCEAN, CLIMATE AND MARITIME SECURITY

9.45 > 11.00 am

SAFER SEAS welcomes EURASC

11.00 > 11.20 am / Coffee break

**STRAND 1**

DEVELOPMENT OF MARITIME SAFETY AND SECURITY POLICIES AND REGULATIONS

11.20 am > 12.45 pm Session 1, round table 1

MARITIME SAFETY - CURRENT STATE OF PLAY AND EXISTING OBSTACLES

**LUNCH BREAK**

2.00 > 3.10 pm Session 1, round table 2

MARITIME SAFETY - CURRENT STATE OF PLAY AND EXISTING OBSTACLES

3.10 > 4.10 pm Session 2, round table 1

EVOLUTION OF THE GEOSTRATEGIC CONTEXT AND MARITIME SAFETY, AN APPRAISAL AND NEW CHALLENGES

4.10 > 4.30 pm / Coffee break

4.30 > 6.00 pm Session 2, round table 2

EVOLUTION OF THE GEOSTRATEGIC CONTEXT AND MARITIME SAFETY, AN APPRAISAL AND NEW CHALLENGES

6.00 > 6.45 pm

DISCUSSIONS ON GOVERNANCE OF THE SEAS AND OCEANS

6.45 > 9.00 pm Drinks reception

**WEDNESDAY 28th OCTOBRE**

**STRAND 2**

MARITIME SAFETY: AN OPPORTUNITY TO DEVELOP NEW MARKETS

9.00 > 9.30 am Introduction

QUALITATIVE AND QUANTITATIVE ANALYSIS OF BLUE GROWTH

9.30 > 11.00 am Session 3

IMPROVING KNOWLEDGE, MONITORING AND PROTECTION

11.00 > 11.20 am / Coffee break

11.20 am > 1.00 pm Session 4

ROUTES AND SHIPS OF THE FUTURE IN EXTREME ZONES

**LUNCH BREAK**

2.30 > 4.00 pm Session 5

DEVELOPING AND MANAGING PORT ACTIVITIES

4.00 > 5.00 pm Synthesis and expectations

5.00 > 5.30 pm / Coffee break

5.00 > 6.30 pm Site visits

7.00 > 10.30 pm Evening at Océanopolis

Departure of shuttle buses from 6.30 pm, Le Quartz
9.00 > 9.45 am

**Opening session**

**WELCOME BY THE LOCAL AUTHORITIES FOLLOWED BY INTRODUCTORY SPEECHES**

In the presence of representatives from the European Union, UNESCO Intergovernmental Oceanographic Commission and the International Maritime Organization-IMO

- Presentation by Squadron Vice-admiral Emmanuel de Oliveira, Atlantic Maritime Prefect
- Presentation by Michel Aymeric, Secretary general for the Sea

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9.45 > 11.00 am

**SAFER SEAS welcomes EURASC**

**Session chair:** Paul Tréguer, Emeritus Professor, European University Institute of the Sea-IUEM

- Pascal Olivard, president of the Université de Bretagne Occidentale
- Claude Debru, president of the European Academy of Sciences-EURASC. “The EURASC Brest declaration”
- Jean-Marie Flaud, representative of the Research and Innovation department of the French Ministry for Research
- Presentation by Jean Jouzel, vice-president of the Intergovernmental Panel on Climate Change-IPCC. “Climate changes on planet Earth: from the past to the present and the future”
- Leonardo da Vinci medal awarded to Jean Jouzel by the president of EURASC

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11.00 > 11.20 am

**Coffee break**
Since the last SAFER SEAS event in 2011, maritime activities and international regulations have evolved and changed. Accessing hydrocarbons requires the development of gigantic structures, container ships transport increasing volumes of goods, cruise liners carry more and more passengers, new routes are opening up in the far north, and so on. These changes entail new paradigms in terms of the safety of humans and assets, as well as the marine environment and, thus, biological resources.

Implementing and even ratifying certain texts may, however, be a source of concern for stakeholders from both the institutional and economic communities. Questions may be raised about the Erika legislative packages and the extending of EMSA missions at a European level, or about the coming into force of new international instruments, particularly in the environmental field where they relate to clean ships, ship breaking and recycling, ballast water management, etc.

Session 1 provides a comprehensive picture of present-day maritime activities and international regulations. On the basis of this, experts will discuss the difficulties of implementing the regulations and ways of ensuring they are more effective.

11.20 am > 12.45 pm

Round table N°1

THE INCREASING SCALE AND TECHNICAL SOPHISTICATION OF CARGO, CONTAINER AND PASSENGER SHIPS

Session chair: Damien Perisse, director of maritime affairs, Conference of Peripheral Maritime Regions-CPMR

Keynote: Overview of international regulations by Frederick Kenney, Director, Legal and External Affairs, IMO

Round table:
- Hubert Ardillon, president of the Confederation of European Shipmasters’ Associations, CESMA
- Philippe Boisson, legal adviser, Bureau Veritas
- José Manuel Diaz Perez, training and certification programmes manager, Centre Jovellanos maritime training centre, Sociedad de Salvamento y Seguridad Maritima (Spain)
- Michel Fortin, representative of the Corporation of Mid St Lawrence Pilots, CMSLP (Quebec, Canada)
- Daniel Le Direach, administrator general for maritime affairs, Deputy Atlantic Maritime Prefect with responsibility for State action at sea
- Patrick Rondeau, Head of Environment, Safety and Security for French Shipowners’ Federation, Armateurs de France

12.45 > 2.00 pm

Lunch break
SHIP-SOURCE ACCIDENTAL AND OPERATIONAL POLLUTION

Session chair: Yann Rabuteau, Réseau Allegans
Keynote: Barbara Sellier, deputy Head of Maritime Safety Unit, responsible for relations with the European Maritime Safety Agency, European Commission, DG MOVE

Round table:
- Sophie Bahé, director of the joint association of local authorities VIGIPOL
- Cécile Bellord, deputy Delegate General for French Shipowners’ Federation, Armateurs de France
- Julien Hay, senior lecturer, Université de Bretagne Occidentale
- Pauline Marchand, senior claims coordinator, International Tanker Owners Pollution Federation-ITOPF
- Christophe Rousseau, deputy Director, CEDRE

EVOLUTION OF THE GEOSTRATEGIC CONTEXT AND MARITIME SAFETY, AN APPRAISAL AND NEW CHALLENGES

The fight against piracy and illicit activities at sea mobilises significant human, material and financial resources. Since 2011, those involved in illicit actions and activities have adapted their practices to counter the responses already provided by the international community, and such activities now affect other geographical areas.

The issue is now being raised of privately mobilised responses to ensure ships, seafarers and goods are protected. The spread of offshore installations leads to questions about their security. Developing international cooperation and an appropriate humanitarian policy are fundamental in the face of the dramatic shipwrecks of illegal immigrants.

Session 2 reviews the progress in combating illicit activities and the new challenges to be met in view of the changing geostrategic context. Particular attention will be paid to cyber crime in maritime operations, an even greater threat now that ships and ports are connected.

Session chair: Eric Frécon, Doctor, Department of Human Sciences, Naval Academy
Keynote: Lieutenant-colonel Barnabé Watin-Augouard, in charge of maritime security issues at the Secretariat General for the Sea

PIRACY AND OTHER NON-TRADITIONAL THREATS

Round table:
- Dominique Baltmitgere, director of the department of Safety, Security and Environment, CMA-CGM
- Thierry Houette, president of Prorisk Group
- Frederick Kenney, director, Legal and External Affairs, IMO
- Jean-Michel Kergoat, International expert in Maritime Safety and Economic Intelligence
**Coffee break**

**Round table N°2**

**CYBERSECURITY**

*Keynote:* Vice-admiral Anne Cullerre, deputy Chief of Staff for Maritime Air Operations, French Naval Cyber-defence Authority, Naval Chief of Staff

*Round table:*

- **Christophe Claramunt**, director of the Research Institute of the French Naval Academy, representing the chair of naval cyber-defence systems
- **Pierre Karleskind**, vice-president responsible for Europe, the sea and the littoral, Brittany Regional Council
- **Emil A. Muccin**, assistant Professor, Department of Marine Transportation, US Merchant Marine Academy
- **Guillaume Prigent**, co-founder of Diateam
- **Rear-admiral Dominique Riban**, deputy General Director, National Agency for Information Systems Security, ANSSI
- **Rik Verhaegen**, Commander of the Port of Antwerp

**6.00 > 6.45 pm**

**DISCUSSIONS ON GOVERNANCE OF THE SEAS AND OCEANS; SAFER SEAS AND MARCOPOL WELCOME:**

- **Eudes Riblier**, president of the French Institute of the Sea
- **Serge Ségura**, Ambassador for the oceans, French Ministry of Foreign affairs and International development

*Presentation by Denis Bailly, commissary general of the MarCoPol Forum*

**Drinks reception**
STRAND 2 - MARITIME SAFETY: AN OPPORTUNITY
TO DEVELOP NEW MARKETS

9.00 > 9.30 am  Introduction

QUALITATIVE AND QUANTITATIVE ANALYSIS OF BLUE GROWTH
Qualitative analysis and assessment of future developments by Hervé Moulinier, vice-president of the maritime cluster Pôle Mer Bretagne Atlantique
Quantitative analysis by Thomas du Payrat, deputy Director of the consultancy firm Cabinet Odyssée Développement

9.30 > 11.00 am  Session 3

IMPROVING KNOWLEDGE, MONITORING AND PROTECTION
Knowledge of our marine environment is essential if we are to respond to current issues relating to maritime safety and security, environmental economy and protection (including coastal ecosystems) and the marine heritage. We need to acquire a vast amount of information if we are to make maritime and port activities safe, in terms of infrastructure and transport, at a time of major expansion, and if we are to use ocean resources sustainably.

The response has been to develop innovative operational services, such as those linked to remote sensing technologies. Although a vast array of information sources is now available, the number of services managing and using this data is still relatively small. Data interpretation sometimes lacks accuracy, particularly in applications to predict, prevent and manage crises. And yet these services do possess considerable potential and high added value (real time, observation capacity, etc.) in detecting, tracking and predicting in order to understand, prevent and intervene more effectively.

Session 3 features satellite data providers and proven and potential users, who will discuss the operational remote-sensing services available today, and the advantages and key challenges relating to them.

Session chair: René Garello, Institut Mines-Telecom Bretagne, president of the Institute of Electrical and Electronics Engineers - Oceanic Engineering Society and director of the Scientific Interest Group-GIS Bretel
Session organised by: Copernicus Regional Contact Office Bretagne, GIS Bretel, Télécom Bretagne, Pôle Mer Bretagne Atlantique
Keynotes: “Strategic context and its application at Brittany regional level” by René Garello and “Copernicus from an operational perspective” by Hervé Jeanjean, French Space Studies Centre-CNES
Round table:
- Jean-François Filipot, head of research into characterising marine energy resources, France Energies Marines
- Mathias Herberts, co-founder, Cityzen Data
- Vincent Kerbaol, director for radar applications and head of Brest site of CLS
- Loïc Laisné, deputy Director, Marine Protected Areas Agency-AAMP
- Yann Le Moan, Administrator of SafeSeaNet Project, European Maritime Safety Agency-EMSA
- Thomas Strasser, policy officer, European Commission, DG MARE
The Arctic and Antarctic – both immense expanses of ice – do however have their own specific characteristics. Recently described as the “advanced guard of climate change” (L. Fabius and B. Brende, 17/03/15, Paris), the Arctic region is now accessible to human activity, and economic and geopolitical balances are shifting as a result.

Current concerns focus on the Polar Code, “the International Code for ships operating in polar waters”, drawn up by the IMO. Its section on safety and the SOLAS amendments were adopted in November 2014.

In 2011, SAFER SEAS devoted a session to new Arctic maritime routes. Following on from this, Session 4 of the 2015 event firstly addresses the development of the regulatory framework for the polar zones and the implications of this for navigation.

Given the general public’s increased awareness of the uniqueness and fragility of these regions, the session secondly focuses on the development of polar tourism in particular. Maritime and coastal tourism is one of the five key sectors for Blue Growth as defined by the EU and the one which possesses the greatest added value in terms of generating revenue and creating employment.

The structure of the polar tourism products on offer raises questions concerning knowledge of the polar environment and passenger vessel safety.

**Session chairs:** Noémie Giguere, general director of the cluster Technopole Maritime du Québec and Eric Vandenbroucke, director of the Technopôle Brest-Iroise Science Park.

**Keynote:** Francis Zachariae, general secretary of the International Association of Marine Aids to Navigation and Lighthouse Authorities-IALA

**Round table:**
- Anne Choquet, lecturer and researcher, Brest Business School
- Kim Crosbie, executive director of the International Association of Antarctic Tour Operators-IATO
- Michel Even, director of Operations, Production and Services at the Hydrography and Oceanography Service of the French Navy-SHOM, representing the International Hydrographic Organization-IHO
- Frederick Kenney, director, Legal and External Affairs-IMO
- Martin Kramp, ship coordinator, JCOMMS in-situ Observation and Support Centre of UNESCO and of the World Meteorological Organization-JCOMMOPS
- Alain Richard, master mariner, expert and associate with Innovation Maritime (Québec, Canada)
DEVELOPING AND MANAGING PORT ACTIVITIES

Ports are not simply an interface for freight. Their development is shaped by complex phenomena associated with logistics and urban integration. Ports are becoming veritable toolkits designed to utilise the full potential of the sea.

The ports of the future are also subject to extreme weather conditions and rising water levels, both of which are intensifying as a result of climate change.

In addition, port spaces are often viewed as potential terrorist targets and also, depending on circumstances, as interfaces between land and sea, offering direct and open access to their cities, populations and activities. Issues such as the security of people and assets, industrial risks and health, regional attractiveness, tourism and urban and economic development come into play as well. In this respect, port cities and territories are the focus of shared, cross-wise concerns, touching on both safety and security, which must be reconciled. The development of future port locations will need to incorporate all these dimensions.

Session 5 is based, on the one hand, on the conclusions of the 2015 national conference on the Port of the Future – the Assises du Port du futur (development of the port and its hinterland, the connected port and the port as agent of energy and environmental transition) – and the implications for issues of maritime safety. Discussion will deal, on the other hand, with the security concerns of port cities. A key element will be sharing and comparing opinions and views based on the experience of diverse port locations around the world.

Session chair: Patrick Anvroin, director for transport, Conference of Peripheral Maritime Regions-CPMR

Session organised by: Centre for Studies and Expertise on Risks, Environment, Mobility and Development, French Ministry for Ecology, Sustainable Development and Energy, CEREMA

Keynote: Conclusion of the national conference on the port of the future - the Assises du Port du futur by Philippe Joscht from the Water, Sea and Rivers Directorate, CEREMA

Round table:

- Jean-Philippe Casanova, president of the French Federation of Maritime Pilots, FFPM
- José Maria Costa, Mayor of Viana do Castelo in Portugal, President of the Conference of Atlantic Arc Cities, CAAC
- Mériadec Le Mouillour, director of the Brest Chamber of Commerce and Industry
- Greta Marini, International Development and leader of the Port Centre Network Project, Worldwide Network of Port Cities, AlVP
- Timo Rosenberg, deputy director of the Maritime Port of Kiel (Germany)
- Ulf Siwe, head of communication, Mona Lisa 2.0 Project

With the participation of Haiphong (Vietnam) and Tuxpan (Mexico) port authorities.
SAFER SEAS WELCOMES THE ATLANTIC STAKEHOLDERS CONFERENCE: “FOCUS ON BLUE GROWTH AND COOPERATION ACROSS THE ATLANTIC”

Gather on the forecourt of Le Quartz conference centre for departure of shuttle buses from 6.30 pm.

7.00 > 7.40 pm, Amphitheatre Kerguelen

- Céline Liret, scientific director of Océanopolis
- George Farrah, Secretary General for Maritime Affairs (Québec) – presentation of Québec maritime strategy
- Santiago Miguelez, Minister in charge of Sciences, Technologies and Innovation of the Chubut province (Argentina) – presentation of the “Pampa Azul” strategy
- Juan Ronco, DG MARE, European Commission
- Free visit of the tropical and polar wards, and reception.
2ND ATLANTIC STAKEHOLDER CONFERENCE

Thursday 29th October 2015. On registration.

- Thursday 29th October, 9.00 > 10.45 am and 4.30 > 6.30 pm: plenary session, Méridienne
- Thursday 29th October, 11.30 am > 1.00 pm and 2.30 > 4.00 pm: workshops, Méridienne and Lunch rooms
- Organisation: DG MARE, European Commission
- Contact: Gildas Borel, focalpointfrance@atlanticstrategy.eu
  Information: www.atlanticstrategy.eu

E-NAV COMMITTEE OF THE INTERNATIONAL ASSOCIATION OF MARINE AIDS TO NAVIGATION AND LIGHTHOUSE AUTHORITIES

From Monday 26th to Friday 30th October 2015. Members only.

- Monday 26th October, 1.30 > 6.00 pm: plenary session, Petit Théâtre
- Tuesday 27th, Wednesday 28th and Thursday 29th October, 9.00 am > 6.00 pm: workshops, rooms 1, 3, 4, 5 and 6 (and Petite Galerie on Wednesday 28th)
- Friday 30th October, 9.00 am > 1.00 pm: plenary session, Méridienne
- Contact: Michel Cousquer – CEREMA, michel.cousquer@cerema.fr

SYMPOSIUM OF THE EUROPEAN ACADEMY OF SCIENCES – EURASC

From Tuesday 27th to Wednesday 28th October 2015. On registration.

- Tuesday 27th October, 9.00 am > 11.00 am: opening session, Méridienne (live video stream in the Petit Théâtre)
- Tuesday 27th October, 11.00 am > 6.00 pm: conferences, Petit Théâtre
- Wednesday 28th October, 9.00 am > 3.00 pm: ceremony of awards, Room 2
- Wednesday 28th October, 3.00 > 6.00 pm: site visits
- Organisation: EURASC in partnership with the Université de Bretagne Occidentale and Brest métropole
- Contact: Paul Tréguer – EURASC, paul.treguer@univ-brest.fr
  Information: http://eurasc2015.sciencesconf.org
MEETINGS AND SYMPOSIUMS

MarCoPol
Forum
Brest - France
27-28 Oct 2015

3rd Marine and Coastal Policy Forum – MARCOPOL

From Tuesday 27th to Thursday 29th October 2015. On registration.

- Tuesday 27th October, 2.00 > 7.00 pm: SAFER SEAS plenary session, Méridienne.
- Wednesday 28th October, 9.00 > 11.00 am, 2.30 > 4.30 pm and 5.30 > 6.00 pm: plenary session, Petit Théâtre.
- Wednesday 28th October, 11.20 am > 12.45 pm and 4.00 > 5.30 pm: workshops, Petit Théâtre and rooms 7 and 8.
- Thursday 29th October, 9.00 am > 6.00 pm: Atlantic Stakeholder Conference.
- Organisation: UMR-Amure mixed research unit at the Université de Bretagne Occidentale in association with the University of Plymouth and in partnership with Brest métropole.
- Contact: Denis Bailly – UMR-Amure, denis.bailly@univ-brest.fr
- Information: www.umr-amure.fr

MEDDE–CEREMA Workshop
“Potential Uses and Innovations for Satellite Applications in the Maritime Sector”

Thursday 28th October 2015. On registration.

- Thursday 28th October, 9.00 am > 11.00 am: SAFER SEAS plenary session, Méridienne.
- Thursday 28th October, 11.30 am > 4.15 pm: workshop at the Université de Bretagne Occidentale, Faculté des Lettres, room B001.
- Organisation: French Ministry of Ecology, Sustainable Development and Energy (MEDDE) and CEREMA
- Contact: Céline Foudrilis – MEDDE, celine.foudrilis@developpement-durable.gouv.fr and Yann Guichoux – CEREMA, yann.guichoux@cerema.fr
- Information: www.developpement-durable.gouv.fr/etat-des-lieux-les-potentiels-d.html

Meeting of the NOé Network
“Marine Science and Technologies in the Framework of the Horizon 2020 Programme”

Wednesday 28th October 2015. On registration.

- Wednesday 28th October, 9.00 am > 1.00 pm: meeting at the Brest Chamber of commerce and industry.
- Organisation: Noé Network
- Contact: Jérémie Bazin – Technopôle Brest-Iroise, jeremie.bazin@tech-brest-iroise.fr
AATASH NORCONTROL LTD (BOOTH N°2)
Activities: Vessel Tracking and Port Management System (VTPMS), and Tracking and Warning System (TWS)
Head: Jinofer Bhujwala, Chairman & M.D.
Contact: Jinofer Bhujwala, Chairman & M.D.
Address: 213, Dev Arc Complex, Nr.Iskcon Temple, S.G.Highway, Ahmedabad 380 059 – INDIA
Tel: +91-79-26923982/83 / Email: jino@aatash.com / Website: www.aatash.com

CEREMA (BOOTH N°3)
Activities: Expertise in energy transition and climate change, management of natural resources and environmental protection, risk prevention, well-being and nuisances reduction, mobility and transport, infrastructures asset management and optimization, and housing and building
Heads: Bernard Larrouturou, General director; Philippe Joscht, Director of the Water, sea and rivers technical direction
Contact: Ronan Taburet, communication officer
Address: 134, rue de Beauvais - CS60039 - 60280 Margny-Lès-Compiègne – FRANCE
Tel: +33(0)3 44 92 60 00 / Email: contact@cerema.fr / Website: www.cerema.fr

CLS (BOOTH N°4)
Activities: High value-added applications and services using satellite data
Head: Christophe Vassal, chairman of the management board of CLS
Contact: Marianna Childress-Poli, communication officer
Address: 11, rue Hermès - Parc Technologique du Canal - 31520 Ramonville-St-Agne - FRANCE
Tel: +33 (0)5 61 39 47 26 / Email: mchildress@cls.fr / Website: www.cls.fr

GIS EUROPOLE MER (BOOTH N°7)
Activities: Network of centers of research and higher education establishments dedicated to marine sciences from western France
Head: Antoine Dosdat, Director
Contact: Dominique Simon, national and international networks officer
Address: Rue Dumont d’Urville - 29280 Plouzané - FRANCE
Tel :+33 (0)2 98 49 87 06 / Email : dominique.simon@univ-brest.fr / Website : www.europolemer.eu

KENTA (BOOTH N°5)
Activities: Designer, manufacturer and system integrator for any GMDSS (Global Maritime Distress and Safety System) coast stations projects
Head: Pascal Olivier
Contact: Pascal Olivier
Address: Le Rouillen - Route du Stangala - 29500 Ergué-Gabéric – FRANCE
Tel: +33 298 521 602 / Email: contact@kenta.fr / Website: www.kenta.fr

PÔLE MER BRETAGNE ATLANTIQUE (BOOTH N°1)
Activities: Network of companies, research institutes and centers of high-level teaching, for innovative projects and fulfilling the new needs of the market
Heads: Dominique Sennedot, President; Patrick Poupon, Director
Contact: Nisha Le Joliff, communication and media officer
Address: 40, rue Jim Sévellec - CS 83809 - 29238 Brest Cedex 3 - FRANCE
Tel: +33 (0)2 98 05 63 17 / Email: contact@polemer-ba.com / Website: www.pole-mer-bretagne-atlantique.com
TRADE SHOW AND B2B MEETINGS

SEALITE PTY LTD (BOOTH N°6)
Activities: Global manufacturer of marine aids to navigation
Head: Chris Procter, CEO
Contact: Jess Quinn, Global Marketing Executive
Address: 1 Industrial Drive, Somerville, VIC 3912 - AUSTRALIA
Tel: +61 (0)3 5977 6128 / Email: j.quinn@sealite.com / Website: www.sealite.com.au

TECHNOPÔLE BREST-IROISE (BOOThS N°1 ET N°8)
Activities: Network of 200 structures (Companies, research centers, colleges, professional bodies) for the implementation of the economic development of the territory through innovation
Heads: Pierre Karleskind, President and Eric Vandenbroucke, Director
Contact: Murièle Couchezellou, communication officer
Address: Maison du Technopôle - Site du Vernis - 40, rue Jim Sévellec - Brest - FRANCE
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TIDE LAND SIGNAL PTY (BOOTH N°9)
Activities: Innovative aids to marine navigation products and services, and support our customers
Head: Matt Scheuing, CEO
Contact: James West
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B2B MEETINGS
From Tuesday 27th to Wednesday 28th October 2015. On registration.
- Tuesday 27th October: 2.00 pm > 5.00 pm
- Wednesday 28th October: 9.00 > 12.00 am and 2.00 pm > 5.00 pm
- Organisation: Bretagne Développement Innovation and Enterprise Europe Network
- Contact: Yombo Rahman, Bretagne Développement Innovation, y.rahman@bdi.fr