**EMSA HEADS TO MARSEILLE FOR THE EUROPEAN SPACE WEEK**

European Space Week kicked off on 3 December, connecting business, policymakers, international experts and space applications user communities — at an event organised by the European Commission and the European Space Agency (ESA) to promote EU-financed projects such as Galileo, Copernicus and EGNOS. EMSA joined the event, giving presentations at two panels. During the first panel on maritime and marine challenges, the focus was on the Agency’s experience in using Earth Observation data to provide enhanced maritime awareness services in the fields of maritime safety, security and pollution prevention and response. The second panel on security and assistance allowed ESA to give an overview of the Copernicus Maritime Surveillance Service, highlighting successful use cases reported by end users.

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**SULPHUR INSPECTORS GIVEN FIELD TRAINING ON BOARD CRUISE SHIP**

On 21–22 October, EMSA organised a two-day advanced training course on Directive (EU) 2016/802 relating to a reduction in the sulphur content of certain liquid fuels. Within this training, EMSA arranged a visit on board the MSC Seaview which was docked in Lisbon for the first time. This visit was organised in cooperation with the Italian authorities. The inspectorate teams were able to verify the required documentation of the ship, examine the fuel system and take a sample of the fuel. In addition, during the visit a demonstration of an active exhaust gas cleaning system was provided. EMSA would like to thank MSC for their support and help in providing this practical training and look forward to furthering this partnership in the future.

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**WISHING ALL OUR READERS A VERY HAPPY 2019!**

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**EQUASIS PUBLISHES ANNUAL REVIEW ON WORLD SHIPPING FLEET**

Equasis published its review of the 2017 World’s Merchant Shipping Fleet on 14 December 2018. This report provides a picture of the world’s merchant fleet in 2017, derived from the data contained in the Equasis database. It examines the structure and characteristics of the fleet and its performance. The statistics are grouped into themes which could be of interest to industry and regulators. The themes cover: the nature of marine accidents, ranging from high level key figures on fatalities, injuries, ships involved, etc. to detailed information on location, contributing factors and consequences analysed by ship type including cargo ships, fishing vessels and passenger ships.

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**EQUASIS PUBLISHES ANNUAL OVERVIEW OF MARINE CASUALTIES AND INCIDENTS 2018**

The series of Annual Overviews of Marine Casualties and Incidents first published by EMSA on its website in 2014 has now been downloaded 522,000 times, according to the combined figures. The latest edition, made available in November 2019, has already been downloaded over 4,000 times. The publication offers a comprehensive analysis of the nature of marine accidents, ranging from high level key figures on fatalities, injuries, ships involved, etc. to detailed information on location, contributing factors and consequences analysed by ship type including cargo ships, fishing vessels and passenger ships.

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**EMSA HEADS TO FUTURE MARITIME SAFETY AND SECURITIES IN SPACE INNOVATION WORKSHOP**

On 1 January 2019, Ms Maja Markovic Kostelac took up the position of Executive Director at EMSA. She joins the Agency after nineteen years at the Ministry of Transport, Infrastructure and the Sea, Transport and Infrastructure since 2016. At the close of 2018, EMSA said farewell to its former head Mr Markku Mylly after six years in the role and took the opportunity to wish him the very best in his retirement and future endeavours.

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**THE SULPHUR DIRECTIVE: INSUFFERABLE!**

The SULPHUR Directive, scheduled to enter into force in January 2020, will have a significant impact on the maritime sector. EMSA National Coordinating Units (NCUs) and the Agency’s own Sulphur Directive Programme are now in the process of identifying and promoting solutions andN solutions and NNCU solutions for the maritime community. After six years in the role and took the opportunity to wish him the very best in his retirement and future endeavours.

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**SOUTH AFRICA LAW BREAKING**

European Maritime Safety Agency

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**ANNUAL OVERVIEW OF MARINE CASUALTIES AND INCIDENTS 2018**

**KEY FIGURES FOR 2019-2017**

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**MARINE CASUALTIES AND INCIDENTS PUBLICATION AVERAGES 30 000 DOWNLOADS PER YEAR**

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**FOURTH WORKSHOP ON AUTOMATED BEHAVIOUR MONITORING TOOLS**

Experts and active users from member states and EU bodies met at this fourth Automated Behaviour Monitoring workshop at EMSA on 5 December. During the event, they provided valuable feedback on the operational use of the tools and shared experience of diverse communities (safety, security, fisheries control). ABM supports various maritime authorities by automatically detecting and alerting anomalous or specific ship behaviour. Referring to the growing use of ABM, participants reviewed further developments and were briefed on machine learning and cloud-based technology projects as well as new functionalities and machine-to-machine interfaces.

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**EMSA WELCOMES MS MAJA MARKOVIC KOSELTAC TO ITS HELM AND BIDS A FOND FAREWELL TO FORMER DIRECTOR**

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**VACANCIES:**

**Head of “Ship Safety” Unit (deadline: 8/1/2019)**

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**QUOTES FROM THE PRESIDENT OF THE SHIP MANAGEMENT COMMUNITY**

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**EMSA NEWSLETTER No. 166 JANUARY 2019**

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**ANNUAL OVERVIEW OF MARINE CASUALTIES AND INCIDENTS 2018**

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