

AKELA NOTES

WORD FROM OUR CUSTOMERS, FRIENDS AND PARTNERS

European Maritime Safety Agency | LAMOR CORPORATION AB

AKELA

We are passionate about our work. At Akela we help individuals and companies in Health, Safety and Environment. Our main focus is on offshore oil, gas and energy sector to help the industry to develop and implement better skills and training.

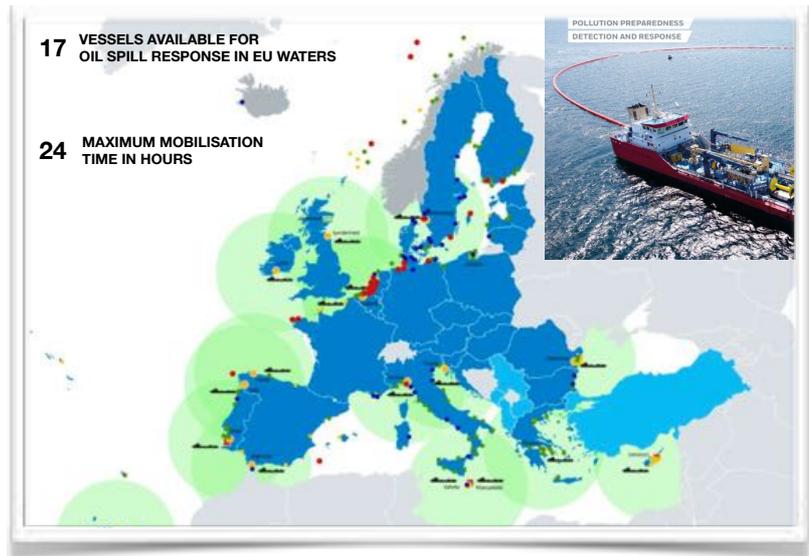


Our Environment

Our natural environment is worth protecting. The exploration and industrial production of oil and gas is a risky business. We at Akela assist in minimising the risks and provide support for establishing and developing best possible transfer of skills and expertise to people involved in offshore activities.

Our Commitment

Akela is committed to help our customers to improve work place safety and protect the environment by introducing new ideas, equipment and training methods.



FIGHT AGAINST OIL POLLUTION European Maritime Safety Agency (EMSA)

Since 2004 EMSA has helped coastal States around Europe to respond quickly and efficiently to oil or chemical marine pollution incidents from ships and oil and gas installations. EMSA “toolbox” allows the requesting State can pick and choose the most suitable response means. To support the affected coastal States in the response to oil or chemical marine pollution incidents, EMSA offers the following operational services:

- ✦ A network of stand-by oil spill response vessels, with different types of oil-combatting equipment arrangements
- ✦ An equipment assistance service, offering dedicated stockpiles of stand-alone equipment
- ✦ A satellite-based oil spill monitoring service known as CleanSeaNet
- ✦ The MAR-ICE Network, a service for chemical emergencies providing expert information and advice
- ✦ The MAR-CIS database of substance-specific marine



Facts

EMSA

The European Maritime Safety Agency is one of the EU's decentralised agencies. Based in Lisbon, the Agency provides technical assistance and support to the European Commission and Member States in development and implementation of EU legislation on maritime safety, pollution by ships and maritime security. EMSA has also been given operational tasks in the field of oil pollution response, vessel monitoring and in long range identification and tracking of vessels.

A major political impetus to the setting up of EMSA in 2002 was the fallout from the Erika (1999) and the Prestige (2002) accidents and their resulting oil spills. These incidents resulted in huge environmental and economic damage to the coastlines of Spain and France.

These accidents also acted as a reminder to decision-makers that Europe needed to invest in better preparation for a large-scale oil spill, i.e. above-and-beyond the resources available at individual Member State level.

TASKS

EMSA undertakes a number of mainly preventive, but also reactive tasks

- implementation of EU legislation
- operates, maintains and develops maritime information capabilities
- marine pollution preparedness, detection and response
- technical and scientific advice

Once activated, the relevant services are operated under the control and responsibility of the requesting party. The services are available at the request of EU member states, EFTA/EEA countries and neighbouring countries sharing a regional sea basin with the EU.

EMSA network of stand-by oil spill response vessels operates through contracts with commercial vessel operators whose vessels have been specifically adapted for oil spill response operations and are on stand-by, carrying out their usual commercial activities.



In the event of an oil spill, the selected vessel will cease its normal activities and will be made available to the requesting party fully-equipped for oil spill response services under established terms and conditions and tariffs. Following a request for assistance, the maximum time for the oil spill response vessel to be ready to sail is 24 hours.

Regardless of their area of commercial operations, all vessels in the EMSA network can be mobilised for response to an oil spill anywhere in European waters and shared sea basins.

To further support EU member states, EMSA has established and maintains three EAS stockpiles, one in Aberdeen, UK (EAS North Sea), one in Gdansk, Poland (EAS Baltic Sea) and one in Ravenna, Italy (EAS Adriatic Sea). Following a request for assistance, the maximum time for the mobilisation of equipment (i.e. equipment loaded on trailers and ready to be shipped) is 12 hours, excluding the transit time.

The requesting party may choose one or multiple equipment sets from those available through the EAS. In addition to the equipment, the requesting party can also hire technical support personnel to assist in the equipment handover and familiarisation process.



Facts

LAMOR

The source of knowledge is experience, and Lamor has over 35 years developed its expertise in oil spill response and recovery, especially in Arctic and offshore operations.

Lamor patented and certified solutions guarantee reliable and efficient oil spill recovery operations in any environment. Members of Lamor Response Team (LRT) have acted as on-scene commanders at numerous oil spill incidents and the LRT has extensive managerial knowledge and expertise of oil spill accidents in various environments and weather conditions such as offshore, on land, Arctic and desert climate.

Lamor has extensive experience in cooperation with governmental agencies worldwide, e.g. European Union environmental administrations, (EMSA), authorities and representative agencies in North America, Russia, Chinese governmental and maritime departments and Middle Eastern environmental and representative agencies in several countries.

Lamor is ISO 9001:2008, ISO 14001:2004 and OHSAS 18001:2007 compliant and the company has efficient Quality, Health, Safety and Environment Management System (QHSE).

LOVE FOR ENVIRONMENT

The Lamor brand is based on the delivery and reliability of high quality, effective and efficient products.

Working in partnership with customers is the driving force for Lamor's leading position in the market.

LAMOR CORPORATION

GLOBAL LEADER IN OIL SPILL RESPONSE AND ENVIRONMENTAL SOLUTIONS

Lamor Corporation, headquartered in Porvoo, Finland with strategically located offices, hubs and partners worldwide, is a global market leader in oil spill response and environmental solutions for a wide range of scenarios and climatic conditions. Lamor is committed to oil spill response (OSR), recovery and clean-up operations worldwide. Moreover, the company provides soil and water treatment services globally.

The extensive portfolio of products and services also includes industrial applications. Lamor has sold oil spill response equipment to 120 countries and more than 1,800 vessel mounted systems have been delivered to customers worldwide. Lamor solutions include a complete range of skimmers, oil booms, pumps, power packs, landing crafts, workboats, storage and ancillary equipment.



The Lamor Vessel Mounted Advancing Oil Recovery Systems are based on the proven chain brush conveyor technology that offers the highest possible performance and safety for offshore oil spill recovery operations.

Lamor has a long, successful and continuing track record with supplying services and equipment to EMSA. The relationship started by first winning the oil spill response vessel tenders in 2005 and 2006 on both Baltic Sea and Atlantic, with both contracts continuing for the second term. Since 2007 Lamor has focused on equipment supply and has thereafter successfully supplied complete mechanical oil pollution response equipment and support to EMSA contractors and service stockpiles.



Facts

OIL SPILL RESPONSE

The response to oil pollution at sea may call on several techniques, i.e. containment and mechanical recovery of the pollutant on the sea surface, dispersion in order to facilitate the transfer of the pollutant into the water column where it is broken down by natural processes, or in situ burning.

The choice of technique depends on the physical/chemical properties of the pollutant and the prevailing meteorological conditions of each incident, as well as on the national policies in place authorising or prohibiting such techniques. It is also important for the affected State to benefit from regular aerial or satellite pictures of the polluted area in order to conduct an effective response.

When responding to incidents involving hazardous and noxious substances (HNS) or chemical spills, the first concern is to identify the substances involved in order to assess their behaviour and the hazard they may create for the crew, the nearby population, and the marine environment.

EMERGENCY RESPONSE

Questions such as ‘How will the substance spread in seawater?’, ‘What are the existing safeguards on board of the ship?’, ‘How to control the situation?’ need to be answered in order to identify and prioritise the hazards and associated risks before deploying emergency response teams.

Ref. EMSA 2017

Over the years, more than 80% of all the winners for EMSA Vessel Tenders have received assistance or equipment from Lamor with the good advice and support from Akela.



In 2017 EMSA has opened new Equipment Assistance Service stockpiles and now the stockpiles will be equipped with High Capacity Skimmers from Lamor as part of the recent eight million euro (8 Million €) framework agreement.

The advanced and robust design allows oil response in harsh climates, offshore and Arctic conditions. The fully independent system can be operated from a vessel or barge and comprises integrated telescopic lifting arm, umbilical hydraulic and oil recovery hose, offshore skimmers and EX power packs. All functions are controlled via the control panel or remote.



Lamor and Akela share a long and close relationship with EMSA. “We have a strong commitment and desire to fulfil the EMSA requirements. We put a high value on the ongoing support and co-operation with Akela”, Rune Högström, COO of Lamor, quoted during a long christmas lunch celebrating the recent successes with EMSA, Lamor and Akela. Rune is a driving force behind the R&D and operations at Lamor and, as shown in the picture above, first on the right, is always ready to take the helm when things need to be done. Also pictured in 2013 is Pekka from Akela with Bernd Bluhm (retired) and Markku Mylly from EMSA.