

EMECrid Chair

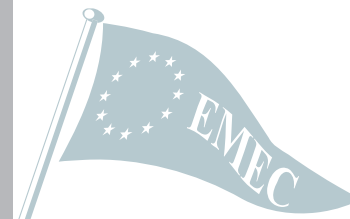
Patrick Person - EMECrid Chairman
Duncan Forbes - Chairman of the Technical Working Groups
Paola Lancellotti - EMEC Secretary General

EMECrid
The R&D Group of EMEC



For more information and how to participate in EMECrid activities, please contact:

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R&D Activities within EMEC

EMECrid has 4 objectives:

1. enhancement of EMEC as one of the main actors of the European policy
2. promotion of project proposals
3. dissemination of information and results of projects
4. development of a vision for the future

R&D Activities within EMEC

BASIC PRINCIPLES

EMECrid, the Group of European Equipment Suppliers for Innovation, Research and Development, is the group of EMEC in charge of the matters devoted to R, D and I. The fundamental requirements related to the activities and structure of EMECrid are defined by the EMEC General Assembly.

MISSION STATEMENT

EMECrid primary mission is to provide support on RDI matters, which can benefit to the European Equipment manufacturers. The main objective is the acquiring and implementing of new knowledge and technology in the design and production processes of the systems and functions, as well as of components installed on board ships or devoted to operation and maintenance of ships, shipyards or ports.

STRUCTURE AND WORKING GROUPS

EMECrid is structured in 2 working Groups (WG) covering the 4 above described objectives. The Leader of WG1 and WG2 together with the Secretary General of EMEC chair EMECrid.

WG1 – COMMUNICATION and LOBBYING is divided into 3 tasks: Lobbying, Management and Reporting, Communication,

This working group is chaired by a Working Group Leader who is also Chairman of EMECrid.

WG2 – PROMOTION OF PROJECT PROPOSALS, DEVELOPMENT OF A VISION These activities cover 3 tasks: Promotion of Project Proposals, Short term: STRATEGIC RESEARCH AGENDA, Mid / Long term: Development of a VISION.

This working group is also chaired by a Working Group Leader who is also Chairman of 7 Technical Working Groups (TWG) each lead by a Leader.

The 7 Technical Working groups have been divided with reference to ship systems:

Group A	Group B	Group C	Group D	Group E	Group F	Group G
Power And Propulsion Systems	Steering And Stability	Control Navigation And Communication Systems	Electricity Automation And Safety Systems	Cargo Handling – Shipshore Interface – Special Ships Equipment	Environmental Systems – Ducting And Pipework	Materials, processes and accommodation
Complete Systems Diesel Engines Gas Reciprocating Gas Turbines Steam Turbines and main Boilers Fuel cells Mechanical Drive Reduction Gears Electric propulsion Nuclear propulsion Pods Waterjets Electrical power generating equipment Propellers – Thrusters Shaft lines Other propulsion related equipment (separators, pumps, compressors...) Others mechanical auxiliaries (boilers ...)	Complete Systems Steering Stabilisation Mooring Anchoring	Complete Systems Radars Sonars Logs – Compasses Dynamic Positioning Other Navigation Equipment Internal Telecommunication Outside Telecommunications Satellites Other sensors – Electronics – Optronics	Complete Electric Systems Electric Distribution – Cables and Lighting Switchboards and Components Sound and Light Electric motors batteries – Accumulators Automation Data Management Complete Safety / Security Systems Evacuation and Rescue Fire detection Fire fighting Flood control Water fighting	Complete systems Cranes – Cargo Handling Systems Ramps – Doors – Car decks Port infrastructures LNG equipment Dredging Equipment Offshore and Submarine Equipment Haliotic Equipment Navy Ships Equipment	Complete Systems Waste Management Ballast Treatment Noise and Vibration Control Systems Exhaust Emissions Systems HVAC Pipe Systems – Pumps Cold rooms	Steel Other materials (alu-titanium) Products linked to building process Engineering Maintenance Recycling Coatings Deck Coverings Insulation Openings- Doors- Windows-Glasses- Portholes- lifts Ceilings – buckheads – alleyways- signing Cabins – Toilets Furniture – Curtains Galleys – bars Public spaces