Introduction to the Ballastwater Equipment Manufacturers' Association

6. Ballastwasser Workshop
Donnerstag, 31. Mai 2018, MARIKO Leer

Lars Nupnau, Evoqua Water Technologies

BEMA Mission

BEMA is an independent, non-profit trade organization representing:

- vendors, suppliers, and key partners in the ballast water treatment industry

BEMA provides coordinated, technical, non-commercial guidance to:

- the ballast water market, the regulating community, ship owners, and the testing community

BEMA aspires to disseminate accurate information about:

- how ballast water treatment systems work, how they are designed, and what the reasonable expectations are in regard to their performance

BEMA Purpose

The purpose of BEMA is to:

- provide manufacturers and service providers in the ballast water equipment market with leadership and a unified voice;
- promote the application of effective technology in ballast water treatment operations consistent with local, state, federal and international regulations and sound engineering practice;
- work on behalf of its members to serve as a central point for regulatory agencies, the testing community, and general public to obtain technical information on effective ballast water treatment to prevent aquatic invasive species transfer by ships;

BEMA Purpose, continued

- provide the shipping industry with design & operational expertise to balance the numerous perspectives from regulators, ship owner organizations, scientific testing networks, and environmental organizations that influence the requirements that directly impact manufacturers;
- participate at the IMO and represent the industry to advance knowledge about the design, manufacture, installation, maintenance, and long-term functionality of ballast water treatment systems;
- provide and stimulate authoritative organized research, education and information exchange within the industry and with other industries, government bodies and interested organizations;

BEMA Purpose, continued

- mobilize and finance voluntary, staff and professional expertise to provide the required range of service to members; and
- liaise and cooperate with governmental agencies as well as allied trade and professional associations throughout the world.

BEMA Members

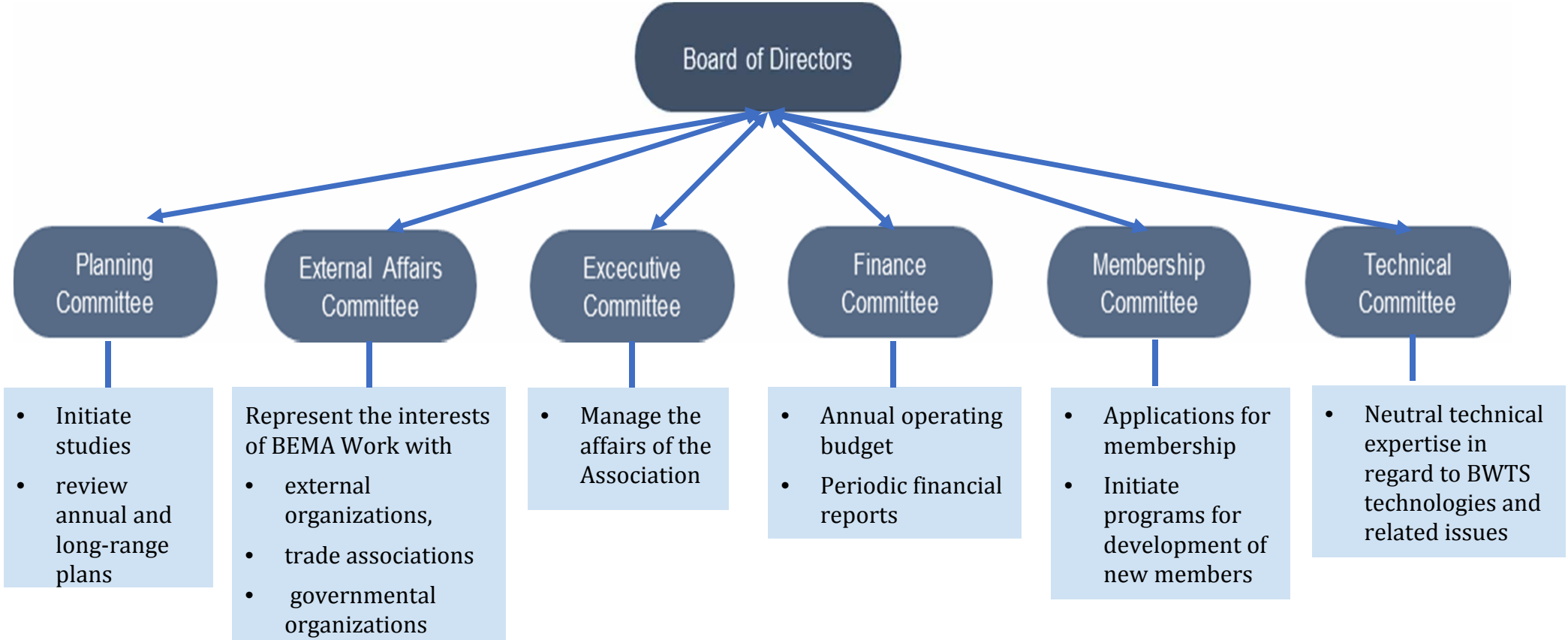
- BEMA members represent all major ballast water treatment technology types:
  - Electrochlorination
  - UV
  - Chemical injection
  - Physical / other disinfection methods
- BEMA Charter members have at least one BWMS with a valid IMO Type Approval
- BEMA Associate members include major component & service providers
- BEMA members are globally positioned:
  - Europe
  - Asia
  - North America

BEMA Leadership

- BEMA Board of Directors:
  - Mark Riggio – BEMA President (Hyde Marine, UV)
  - Efi Tsolaki – BEMA Vice President (ERMA FIRST, electrochlorination)
  - Andrew Marshall – BEMA Secretary (Coldharbour Marine, physical/inert gas)
  - Birgir Nilsen – BEMA Treasurer (Optimarin, UV)
  - Craig Patrick – Board member (Wärtsilä, UV & electrochlorination)
  - Steve Candito – Board member (Ecochlor, chemical injection)
  - James S. Han – Board member (Panasia, UV)
  - Rasmus Folsø – Board member (DESMI OceanGuard, UV)
  - Matthias Voigt- Board Member (Cathelco, UV)
  - Lars Nupnau – Board member (Evoqua, electrochlorination)
  - Marcie Merksamer – BEMA Secretary General (EnviroManagement, Inc., Consultant)

BEMA has equal representation geographically and major technology types

BEMA Leadership



What can BEMA do for you?

To promote an open and transparent dialogue with stakeholders…

- Opportunity for BEMA to hear from event participants:
  - What information do participants need access to?
  - Relevant concerns and topics BEMA may assist with?

How to reach us?

- Contact the Association at Info@BWEMA.org
- Visit our website www.BWEMA.org.
- Follow us in Twitter for Ballast water News @BEMAssociation

BEMA

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