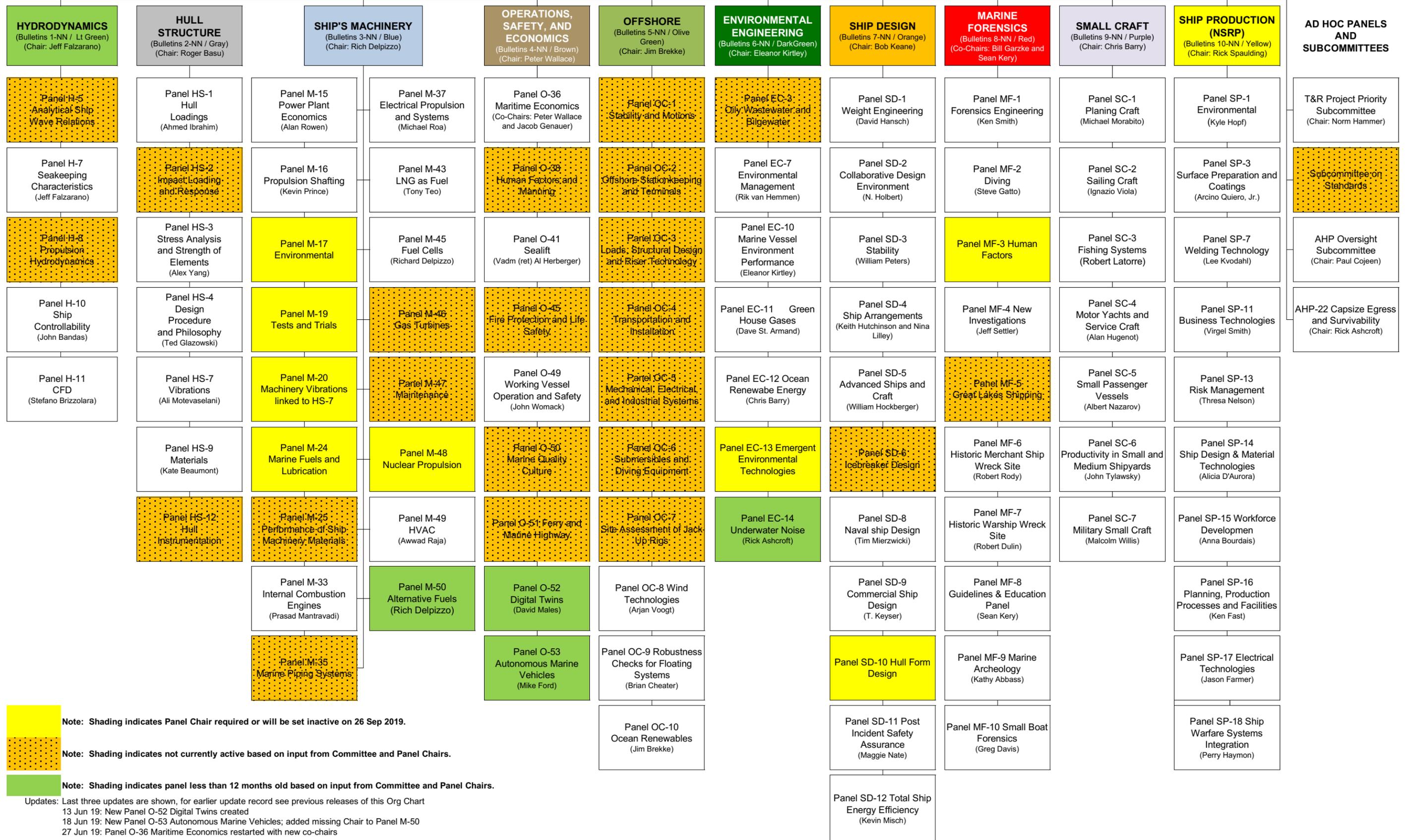# Organization Chart of the Technical and Research Program

SNAME COUNCIL AND EXECUTIVE COMMITTEE
President: Suzanne Beckstoffer

T&R STEERING COMMITTEE
Chair: Rick Ashcroft

HYDRODYNAMICS
(Bulletins 1-NN / Lt Green)
(Chair: Jeff Falzarano)

- Panel H-5 Analytical Ship Wave Relations
- Panel H-7 Seakeeping Characteristics (Jeff Falzarano)
- Panel H-8 Propulsion Hydrodynamics
- Panel H-10 Ship Controllability (John Bandas)
- Panel H-11 CFD (Stefano Brizzolara)

HULL STRUCTURE
(Bulletins 2-NN / Gray)
(Chair: Roger Basu)

- Panel HS-1 Hull Loadings (Ahmed Ibrahim)
- Panel HS-2 Impact Loading and Response
- Panel HS-3 Stress Analysis and Strength of Elements (Alex Yang)
- Panel HS-4 Design Procedure and Philosophy (Ted Glazowski)
- Panel HS-7 Vibrations (Ali Motevaselani)
- Panel HS-9 Materials (Kate Beaumont)
- Panel HS-12 Hull Instrumentation

SHIP'S MACHINERY
(Bulletins 3-NN / Blue)
(Chair: Rich Delpizzo)

- Panel M-15 Power Plant Economics (Alan Rowen)
- Panel M-16 Propulsion Shafting (Kevin Prince)
- Panel M-17 Environmental
- Panel M-19 Tests and Trials
- Panel M-20 Machinery Vibrations linked to HS-7
- Panel M-24 Marine Fuels and Lubrication
- Panel M-25 Performance of Ship Machinery Materials
- Panel M-33 Internal Combustion Engines (Prasad Mantravadi)
- Panel M-35 Marine Piping Systems

- Panel M-37 Electrical Propulsion and Systems (Michael Roa)
- Panel M-43 LNG as Fuel (Tony Teo)
- Panel M-45 Fuel Cells (Richard Delpizzo)
- Panel M-46 Gas Turbines
- Panel M-47 Maintenance
- Panel M-48 Nuclear Propulsion
- Panel M-49 HVAC (Awwad Raja)
- Panel M-50 Alternative Fuels (Rich Delpizzo)

OPERATIONS, SAFETY, AND ECONOMICS
(Bulletins 4-NN / Brown)
(Chair: Peter Wallace)

- Panel O-36 Maritime Economics (Co-Chairs: Peter Wallace and Jacob Genauer)
- Panel O-38 Human Factors and Manning
- Panel O-41 Sealift (Vadm (ret) Al Herberger)
- Panel O-45 Fire Protection and Life Safety
- Panel O-49 Working Vessel Operation and Safety (John Womack)
- Panel O-50 Marine Quality Culture
- Panel O-51 Ferry and Marine Highway
- Panel O-52 Digital Twins (David Males)
- Panel O-53 Autonomous Marine Vehicles (Mike Ford)

OFFSHORE
(Bulletins 5-NN / Olive Green)
(Chair: Jim Brekke)

- Panel OC-1 Stability and Motions
- Panel OC-2 Offshore Stationkeeping and Terminals
- Panel OC-3 Loads, Structural Design and Riser Technology
- Panel OC-4 Transportation and Installation
- Panel OC-5 Mechanical, Electrical, and Industrial Systems
- Panel OC-6 Submersibles and Diving Equipment
- Panel OC-7 Site Assessment of Jack-Up Rigs
- Panel OC-8 Wind Technologies (Arjan Voogt)
- Panel OC-9 Robustness Checks for Floating Systems (Brian Cheater)
- Panel OC-10 Ocean Renewables (Jim Brekke)

ENVIRONMENTAL ENGINEERING
(Bulletins 6-NN / DarkGreen)
(Chair: Eleanor Kirtley)

- Panel EC-3 Oily Wastewater and Bilgewater
- Panel EC-7 Environmental Management (Rik van Hemmen)
- Panel EC-10 Marine Vessel Environment Performance (Eleanor Kirtley)
- Panel EC-11 Green House Gases (Dave St. Armand)
- Panel EC-12 Ocean Renewabe Energy (Chris Barry)
- Panel EC-13 Emergent Environmental Technologies
- Panel EC-14 Underwater Noise (Rick Ashcroft)

SHIP DESIGN
(Bulletins 7-NN / Orange)
(Chair: Bob Keane)

- Panel SD-1 Weight Engineering (David Hansch)
- Panel SD-2 Collaborative Design Environment (N. Holbert)
- Panel SD-3 Stability (William Peters)
- Panel SD-4 Ship Arrangements (Keith Hutchinson and Nina Lilley)
- Panel SD-5 Advanced Ships and Craft (William Hockberger)
- Panel SD-6 Icebreaker Design
- Panel SD-8 Naval ship Design (Tim Mierzwicki)
- Panel SD-9 Commercial Ship Design (T. Keyser)
- Panel SD-10 Hull Form Design
- Panel SD-11 Post Incident Safety Assurance (Maggie Nate)
- Panel SD-12 Total Ship Energy Efficiency (Kevin Misch)

MARINE FORENSICS
(Bulletins 8-NN / Red)
(Co-Chairs: Bill Garzke and Sean Kery)

- Panel MF-1 Forensics Engineering (Ken Smith)
- Panel MF-2 Diving (Steve Gatto)
- Panel MF-3 Human Factors
- Panel MF-4 New Investigations (Jeff Settler)
- Panel MF-5 Great Lakes Shipping
- Panel MF-6 Historic Merchant Ship Wreck Site (Robert Rody)
- Panel MF-7 Historic Warship Wreck Site (Robert Dulin)
- Panel MF-8 Guidelines & Education Panel (Sean Kery)
- Panel MF-9 Marine Archeology (Kathy Abbass)
- Panel MF-10 Small Boat Forensics (Greg Davis)

SMALL CRAFT
(Bulletins 9-NN / Purple)
(Chair: Chris Barry)

- Panel SC-1 Planing Craft (Michael Morabito)
- Panel SC-2 Sailing Craft (Ignazio Viola)
- Panel SC-3 Fishing Systems (Robert Latorre)
- Panel SC-4 Motor Yachts and Service Craft (Alan Hugenot)
- Panel SC-5 Small Passenger Vessels (Albert Nazarov)
- Panel SC-6 Productivity in Small and Medium Shipyards (John Tylawsky)
- Panel SC-7 Military Small Craft (Malcolm Willis)

SHIP PRODUCTION (NSRP)
(Bulletins 10-NN / Yellow)
(Chair: Rick Spaulding)

- Panel SP-1 Environmental (Kyle Hopf)
- Panel SP-3 Surface Preparation and Coatings (Arcino Quiero, Jr.)
- Panel SP-7 Welding Technology (Lee Kvodahl)
- Panel SP-11 Business Technologies (Virgel Smith)
- Panel SP-13 Risk Management (Thresa Nelson)
- Panel SP-14 Ship Design & Material Technologies (Alicia D'Aurora)
- Panel SP-15 Workforce Developmen (Anna Bourdais)
- Panel SP-16 Planning, Production Processes and Facilities (Ken Fast)
- Panel SP-17 Electrical Technologies (Jason Farmer)
- Panel SP-18 Ship Warfare Systems Integration (Perry Haymon)

AD HOC PANELS AND SUBCOMMITTEES

- T&R Project Priority Subcommittee (Chair: Norm Hammer)
- Subcommittee on Standards
- AHP Oversight Subcommittee (Chair: Paul Cojeen)
- AHP-22 Capsize Egress and Survivability (Chair: Rick Ashcroft)

Note: Shading indicates Panel Chair required or will be set inactive on 26 Sep 2019.

Note: Shading indicates not currently active based on input from Committee and Panel Chairs.

Note: Shading indicates panel less than 12 months old based on input from Committee and Panel Chairs.

Updates: Last three updates are shown, for earlier update record see previous releases of this Org Chart
13 Jun 19: New Panel O-52 Digital Twins created
18 Jun 19: New Panel O-53 Autonomous Marine Vehicles; added missing Chair to Panel M-50
27 Jun 19: Panel O-36 Maritime Economics restarted with new co-chairs

_TR Organization Chart - Ashcroft - Rev 27 June 2019(1).xlsx