

## NSRP All Panel Meeting

*Charleston Convention Center, SC*



[www.NSRP.org](http://www.NSRP.org)

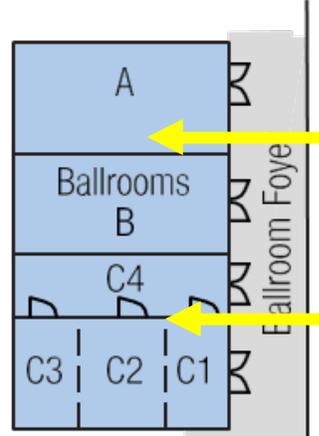
March 28<sup>th</sup> - 30<sup>th</sup>, 2023

# Welcome and Logistics

# APM Spaces March 28-30, 2023

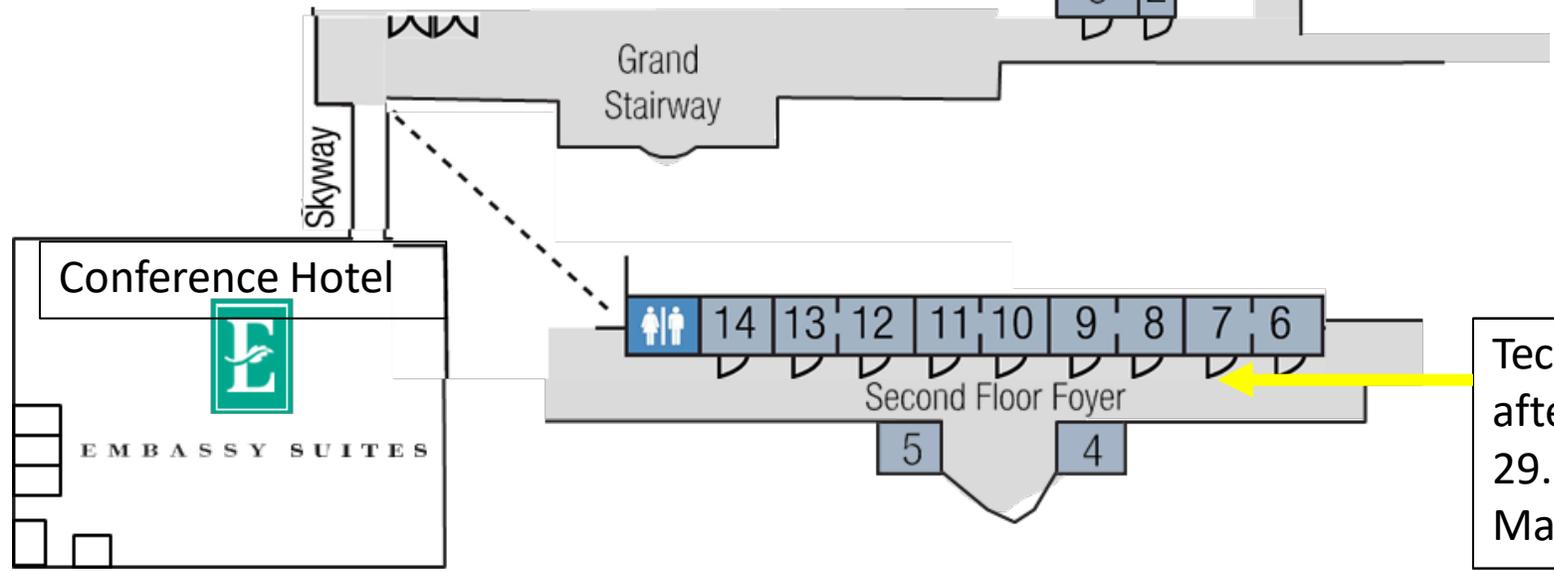
CONVENTION CENTER	Sq. Ft.	Room Size	Ceiling Height	Theater	Classroom
2nd Floor Foyer	5,800			N/A	N/A
Room 1	1,050	30' x 35'	12	84	45
Room 2	480	16' x 30'	12	N/A	N/A
Room 3	1,290	43' x 30'	12	102	54

★ Reserved to support ONR Navy ManTech DDG 51 Program Review Meeting March 29-30, 2023



A&B combined for food, reception, and expo booths.

C combined for General Session.

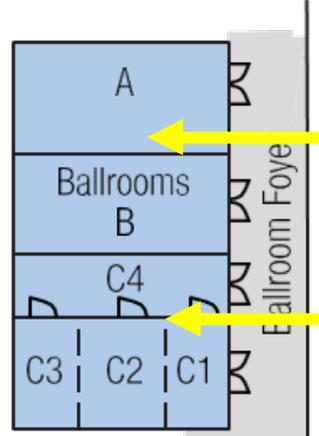


Technical Sessions the afternoons of March 28-29. Panel Meetings on March 30.

# APM Spaces March 28-30, 2023

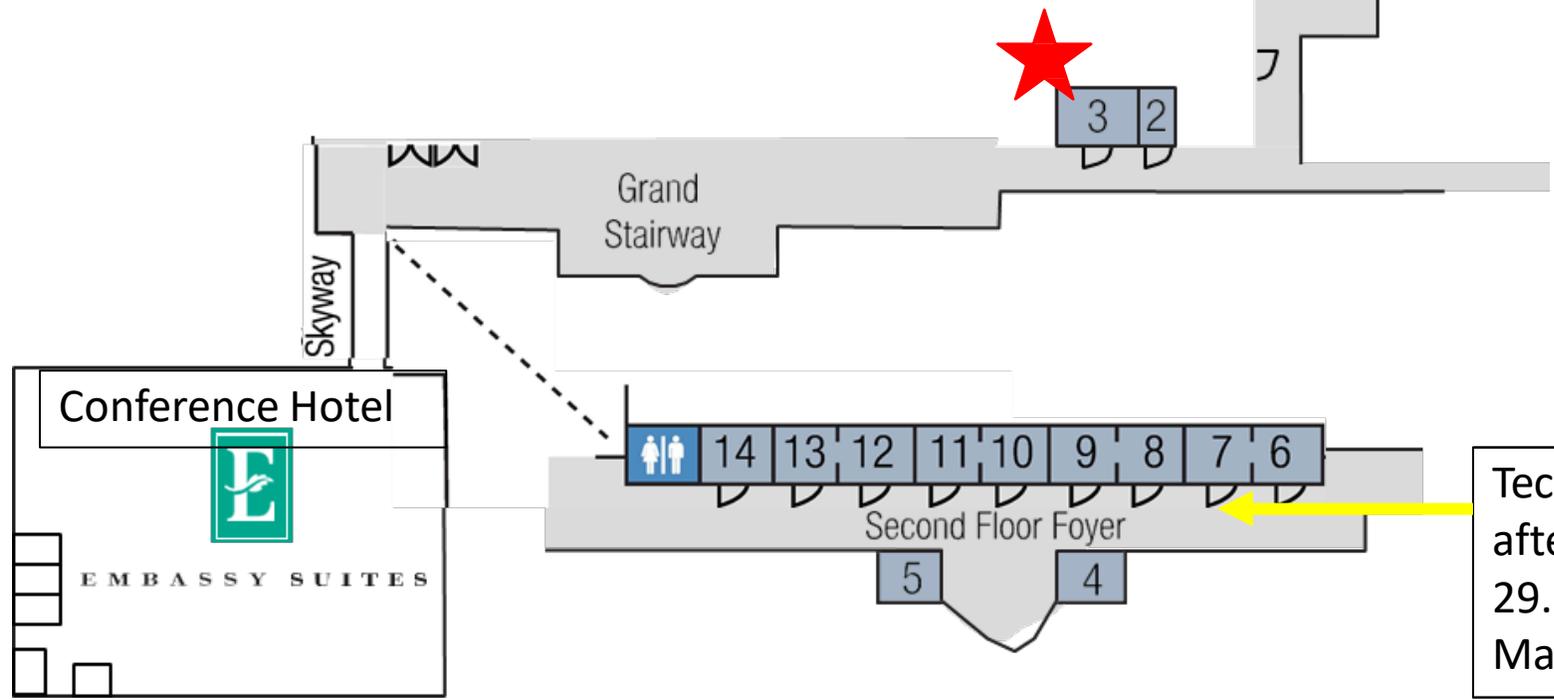
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THE INTERNATIONAL COMMUNITY FOR MARITIME AND OCEAN PROFESSIONALS



# Southeast

SECTION

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## Stevens Towing Co. Inc. / Metal Trades, Inc. (MTI) Shipyard Facility Tour - IN-PERSON EVENT

Wednesday, 29 March

5:00- 7:00 PM

Metal Trades Shipyard

4170 Highway 165

Yonges Island, SC 29449

Shawn Henderson (Section Chair) (305) 281-9255

# NSRP 101



# NSRP Mission

- The National Shipbuilding Research Program's mission is to **employ a unique collaborative framework to research, develop, mature, and implement industry-relevant shipbuilding and sustainment technologies and processes, improving efficiency across the U.S. shipyard industrial base and meeting future demand.**
- The NSRP's Government impact is primarily on U. S. Navy ships, but the program is also intended to benefit other Federal Government organizations such as the U.S. Coast Guard (USCG), National Oceanic and Atmospheric Administration (NOAA), Maritime Administration (MARAD), Military Sealift Command (MSC), and Army Corps of Engineers (ACoE).
- The NSRP considers unmanned and optionally-manned vessels to be types of ships fully within the mission scope. The NSRP's mission equally includes reducing the total ownership costs of and delivering capability improvements to U.S.-flag commercial ships.

# Anti-Trust-Why Do We Mention It?

4708

Federal Register / Vol. 64, No. 19 / Friday, January 29, 1999 / Notices

Act on September 29, 1998 (63 FR 51955).

**Constance K. Robinson,**

*Director of Operations, Antitrust Division.*

[FR Doc. 99-2079 Filed 1-28-99; 8:45 am]

BILLING CODE 4410-11-M

## DEPARTMENT OF JUSTICE

### Antitrust Division

#### Notice Pursuant to the National Cooperative Research and Production Act of 1993—National Electronics Manufacturing Initiative (“NEMI”)

Notice is hereby given that, on October 8, 1998, pursuant to Section 6(a) of the National Cooperative Research and Production Act of 1993, 15 U.S.C. 4301 *et seq.* (“the Act”), National Electronics Manufacturing Initiative (“NEMI”) has filed written notifications simultaneously with the Attorney General and the Federal Trade Commission disclosing changes in its membership status. The notifications were filed for the purpose of extending the Act’s provisions limiting the recovery of antitrust plaintiffs to actual damages under specified circumstances. Specifically, Industrial Computer Corporation, Atlanta, GA; Thermoset Plastics, Indianapolis, IN; Lambda Technologies, Morrisville, NC; and Unicom Software, Inc., Portsmouth, NH have been added as parties to this venture. The following member has changed its address: Cimatrix, Inc., Salt Lake City, UT. CAM/LOT/Electrovert/MPM, Haverhill, MA has been acquired by Speedline Fluids Dispensing Systems, Haverhill, MA. Also, IBM Corporation, Hopewell Junction, NY; Lawrence Livermore National Laboratory, Livermore, CA; Texas Instruments Incorporated, Temple, TX; Three-Five Systems, Inc., Tempe, AZ; MCNC, Raleigh, NC; and Sheldahl, Inc., Northfield, MN have been dropped as parties to this venture.

No other changes have been made in either the membership or planned activity of the group research project. Membership in this group research project remains open, and NEMI intends to file additional written notification disclosing all changes in membership.

On June 6, 1996, NEMI filed its original notification pursuant to Section 6(a) of the Act. The Department of Justice published a notice in the **Federal Register** pursuant to Section 6(b) of the Act on June 28, 1996 (61 FR 33774).

The last notification was filed with the Department on June 25, 1997. A notice was published in the **Federal Register** pursuant to Section 6(b) of the

Act on September 10, 1997 (62 FR 47691).

**Constance K. Robinson,**

*Director of Operations, Antitrust Division.*

[FR Doc. 99-2099 Filed 1-28-99; 8:45 am]

BILLING CODE 4410-11-M

## DEPARTMENT OF JUSTICE

### Antitrust Division

#### Notice Pursuant to The National Cooperative Research and Production Act of 1993—The National Shipbuilding Research Program (“NSRP”)

Notice is hereby given that, on **March 13, 1998**, pursuant to Section 6(a) of the National Cooperative Research and Production Act of 1993, 15 U.S.C. 4301 *et seq.* (“the Act”), the National Shipbuilding Research Program (“NSRP”) has filed written notifications simultaneously with the Attorney General and the Federal Trade Commission disclosing (1) the identities of the parties and (2) the nature and objectives of the venture. The notifications were filed for the purpose of invoking the Act’s provisions limiting the recovery of antitrust plaintiffs to actual damages under specified circumstances. Pursuant to Section 6(b) of the Act, **the identities of the parties are Atlantic Marine Holding Company, Jacksonville, FL; Avondale Industries, Incorporated, New Orleans, LA; Bath Iron Works Corporation, Bath, ME; Electric Boat Corporation, Groton, CT; Halter Marine, Incorporated, Gulfport, MS; Ingalls Shipbuilding, Incorporated, Pascagoula, MS; National Steel and Shipbuilding Company, San Diego, CA; Newport News Shipbuilding and Dry Dock Company, Newport News, VA; and Todd Pacific Shipyard Corporation, Seattle, WA.** The nature and objectives of the venture are the utilization of complementary research interest, talent and experience to obtain, manage and focus national shipbuilding funding on technologies to reduce costs to the United States Navy and/or promote United States international shipbuilding competitiveness.

**Constance K. Robinson,**

*Director of Operations, Antitrust Division.*

[FR Doc. 99-2098 Filed 1-28-99; 8:45 am]

BILLING CODE 4410-11-M

## DEPARTMENT OF JUSTICE

### Antitrust Division

#### Notice Pursuant to the Cooperative Research Act of 1993—The Open

Notice is hereby given October 28, 1998, pursuant to Section 6(a) of the National Cooperative Research and Production Act of 1993, 15 U.S.C. 4301 *et seq.* (“the Act”), the National Shipbuilding Research Program (“NSRP”) has filed written notifications simultaneously with the Attorney General and the Federal Trade Commission disclosing membership status. The

were filed for the purpose of the Act’s provisions in recovery of antitrust plaintiffs damages under specific. Specifically, Associate Technology Standards PA; Distributed System Centre (DSTC Pty Ltd.) AUSTRALIA; ESIGETE FRANCE; France Telecom FRANCE; Moscow State Physics Institute (MEP) RUSSIA; NORTEL Nor Ltd., Alpharetta, GA; S Laboratories, Albuquerque Distributed Systems Agency SAUDI ARABIA; SCSS de la Securite et des Sy d’Information), Moulin Security Dynamics Tec including RSA Security City, CA; Sequel Tech Corporation, Bellevue, Dairy Farm Group, Cau HONG KONG have been parties to this venture.

No other changes have either the membership activity of the group re Membership in this group project remains open, Group, L.L.C. intends t written notification dis changes in membership

On April 21, 1997, T L.L.C. filed its original pursuant to Section 6(a) Department of Justice f in the **Federal Register** Section 6(b) of the Act (62 FR 32371).

The last notification the Department on July notice was published i **Register** pursuant to Se Act on October 6, 1997 **Constance K. Robinson,** *Director of Operations, Ar* [FR Doc. 99-2089 Filed 1- BILLING CODE 4410-11-M

additional notice of appearance during this final phase. The Secretary will maintain a public service list containing the names and addresses of all persons, or their representatives, who are parties to the investigations.

*Limited disclosure of business proprietary information (BPI) under an administrative protective order (APO) and BPI service list.*—Pursuant to section 207.7(a) of the Commission’s rules, the Secretary will make BPI gathered in the final phase of these

filing is June 28, 2019. Parties may also file written testimony in connection with their presentation at the hearing, as provided in section 207.24 of the Commission’s rules, and posthearing briefs, which must conform with the provisions of section 207.25 of the Commission’s rules. The deadline for filing posthearing briefs is July 15, 2019. In addition, any person who has not entered an appearance as a party to the investigations may submit a written statement of information pertinent to

BILLING CODE 7020-02-P

## DEPARTMENT OF JUSTICE

### Antitrust Division

#### Notice Pursuant to the National Cooperative Research and Production Act of 1993—National Shipbuilding Research Program

Notice is hereby given that, on March 19, 2019, pursuant to Section 6(a) of the

18864

Federal Register

National Cooperative Research and Production Act of 1993, 15 U.S.C. 4301 *et seq.* (“the Act”), National Shipbuilding Research Program (“NSRP”) has filed written notifications simultaneously with the Attorney General and the Federal Trade Commission disclosing changes in its membership. The notifications were filed for the purpose of extending the Act’s provisions limiting the recovery of antitrust plaintiffs to actual damages under specified circumstances. Specifically, Vigor Marine LLC, Seattle, WA, has been added as a party to this venture.

No other changes have been made in either the membership or planned activity of the group research project. Membership in this group research project remains open, and NSRP intends to file additional written notifications disclosing all changes in membership.

On March 13, 1998, NSRP filed its original notification pursuant to Section 6(a) of the Act. The Department of Justice published a notice in the **Federal Register** pursuant to Section 6(b) of the Act on January 29, 1999 (64 FR 4708).

The last notification was filed with the Department on January 16, 2019. A notice was published in the **Federal Register** pursuant to Section 6(b) of the Act on February 12, 2019 (84 FR 3492).

**Suzanne Morris,**

*Chief, Premerger and Division Statistics Unit, Antitrust Division.*

[FR Doc. 2019-08995 Filed 5-1-19; 8:45 am]

BILLING CODE 4410-11-P

# Anti-Trust Rules

- Regarding your company's and/or your competitor's **product & services**:
  - Do not discuss current or future prices.
  - Do not discuss any increase or decrease in price.
  - Do not discuss pricing procedures.
  - Do not discuss standardizing or stabilizing prices.
  - Do not discuss controlling sales or allocating markets for any product.
  - Do not discuss future design or marketing strategies.

# Anti-Trust Rules

- Regarding your company's and/or your competitors' selection of their **supplier companies**:
  - Do not discuss refusing to deal with a company because of its pricing or distribution practices.
  - Do not discuss strategies or plans to award business to remove business from a specific company.
- Regarding your company's and/or competitors' **trade secrets**:
  - Do not discuss trade secrets or confidential information of your company or any other participant.

# NSRP Collaboration



# NSRP Navy Sponsors



# Stakeholders and Participants



Shipbuilding / Ship Repair Industry  
ECB Members

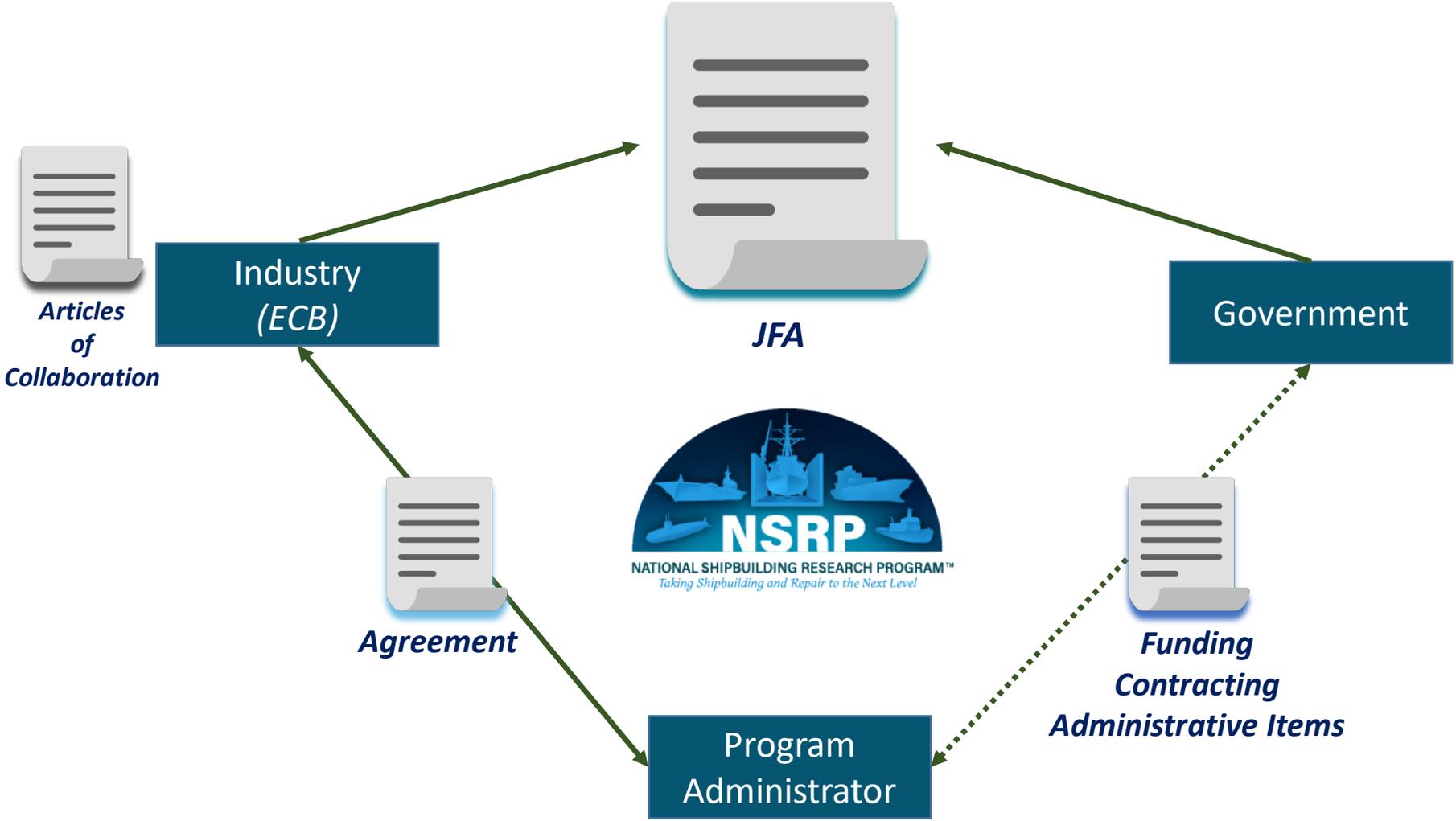


- Navy Centers of Excellence

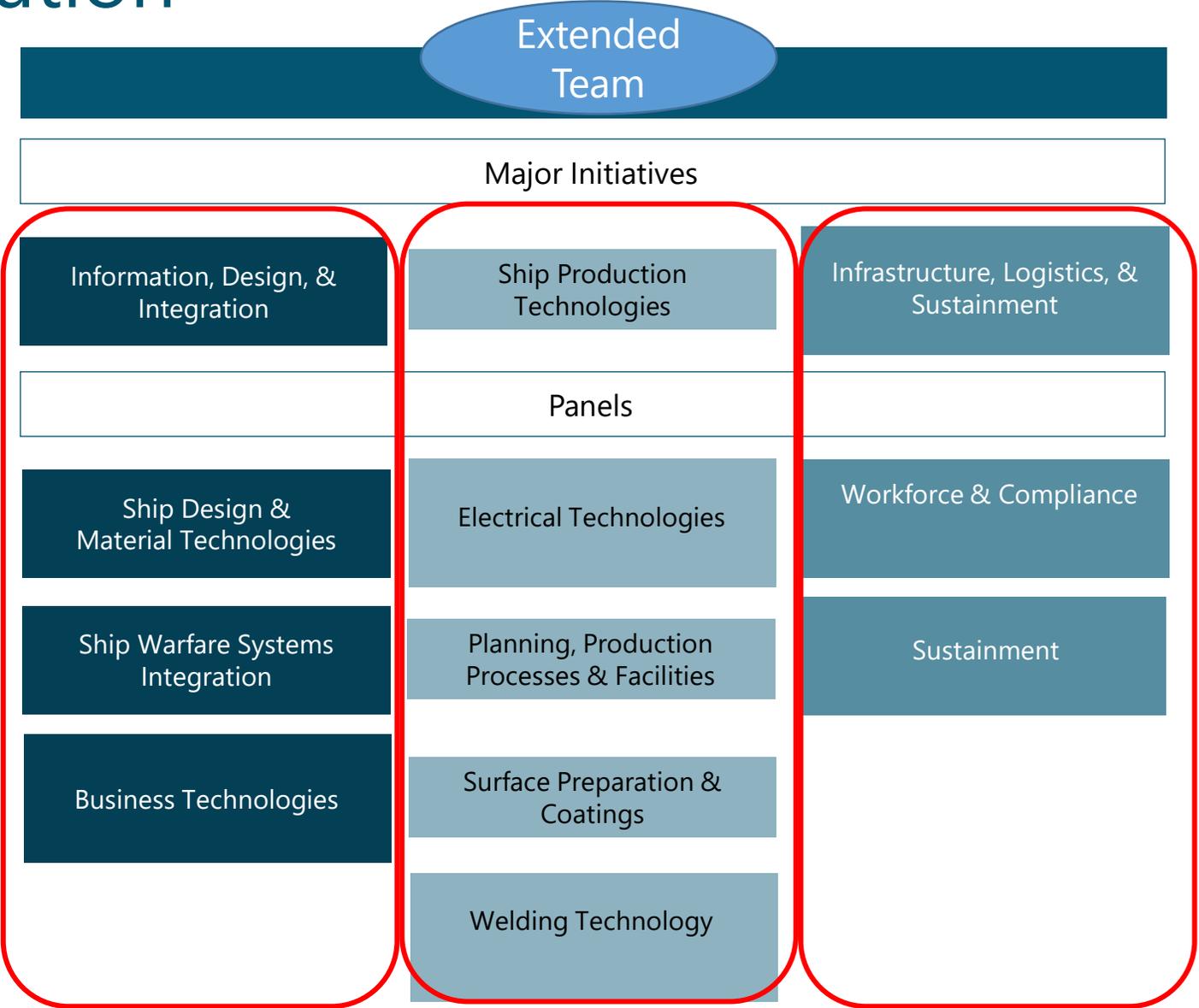


- Professional, trade and classification societies

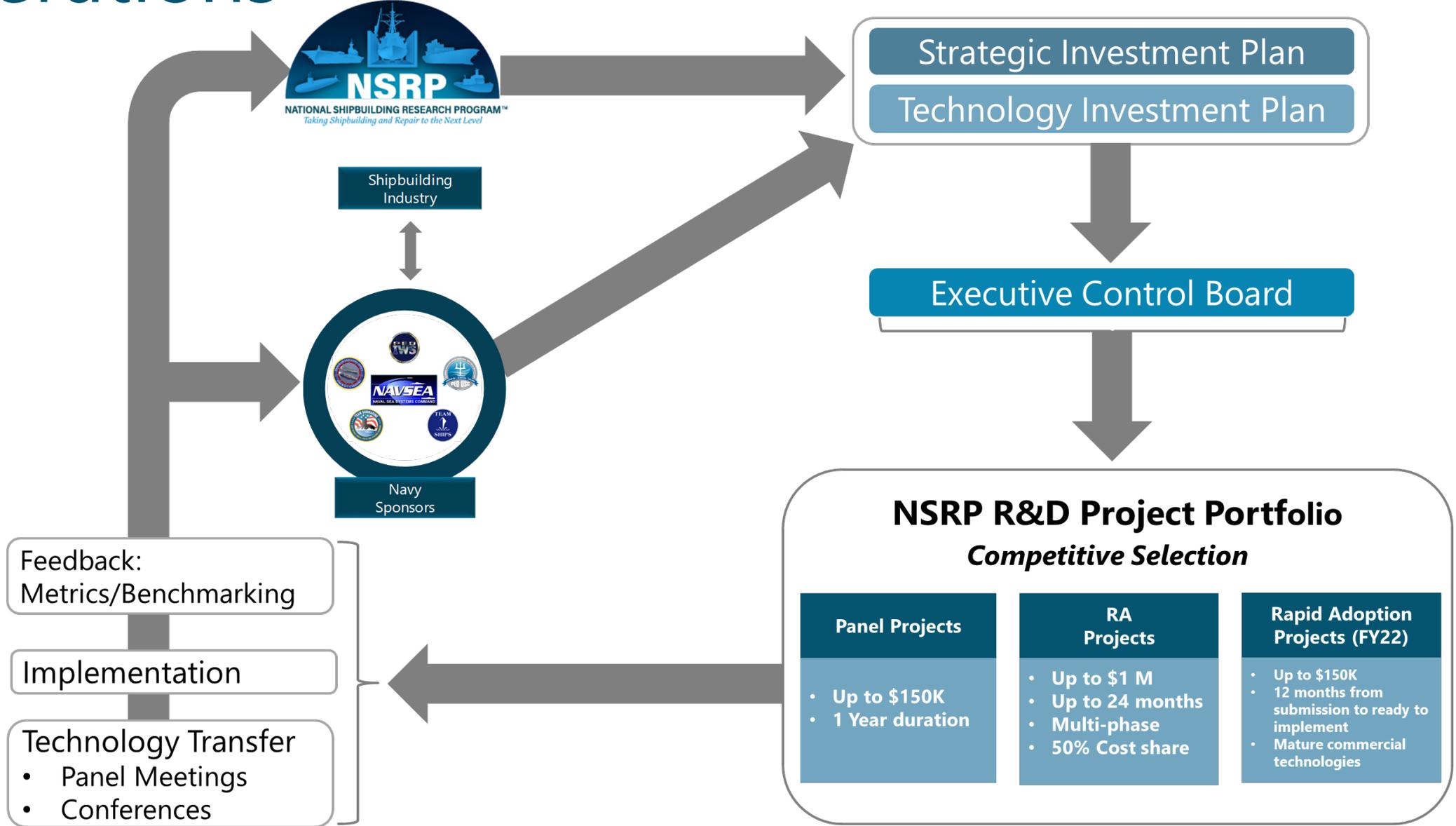
# Contractual Agreements



# NSRP Organization



# Operations



# Strategic Investment Plan

NSRP | National Shipbuilding Research Program

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## Strategic Investment Plan

MISSION

- ❖ The mission of the National Shipbuilding Research Program (NSRP) is to reduce the total ownership cost and improve the capabilities of both United States Government and U. S.-flag commercial ships.
- ❖ The Program accomplishes this mission by providing a collaborative framework to manage, focus, develop, and share research and development and leverage best practices in shipbuilding and ship repair.



- Consensus on industry-wide technology and process improvements that have the highest potential to achieve gains in Navy ship affordability
- Industry/Navy participation in its development
- Workshop held Jan 2023. New revision published
- Aligns “up” to the Mission Statement

# Technology Investment Plan

NSRP | National Shipbuilding Research Program

## Technology Investment Plan FY22



### MISSION

- ❖ Employ a unique collaborative framework to research, develop, mature, and implement industry-relevant shipbuilding and sustainment technologies and processes, improving efficiency across the U.S. shipyard industrial base and meeting future demand.

- First annual Technology Investment Plan Working Group held 2017
- Used to identify highest priority issues and current industry challenges for the next 12 months
- Aligns “up” to the SIP
- Workshop held Jan 2023. New revision published.

# NSRP LinkedIn Page and Mailing Lists



Follow NSRP on LinkedIn to get the latest Program updates, event notifications, shipyard updates, and networking opportunities.



Email [NSRP@ati.org](mailto:NSRP@ati.org) to subscribe to the NSRP General Info mailing lists or individual panel mailings lists.

[NSRP LinkedIn Page](#)

# NSRP YouTube Page

Proudly Celebrating **50** Years of Innovation

[Website](#) [in](#)



National Shipbuilding Research Program

32 subscribers

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## Created playlists

**Propeller Blade Build**  
• Stainless steel high-slew propeller blade  
• Design  
• 42-in. tall  
• 142-lb with 16-in. thick wall  
• 270 lbs  
• ER300LSi wire, 0.045-in. diameter  
• Type 304L build plate, 3-in. thick  
• Large-scale Multi-process Robotic Gantry DED System

**EWI Robotic Arc DED AM  
Advanced Capabilities Workshop**  
[VIEW FULL PLAYLIST](#)

4

**Project Workshops**  
[VIEW FULL PLAYLIST](#)

1

**Highlights**  
[VIEW FULL PLAYLIST](#)

2

**2021 Virtual NSRP All Panel Meeting**  
[VIEW FULL PLAYLIST](#)

5

**2015 L&D Innovation Project Meeting**  
[VIEW FULL PLAYLIST](#)

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# Important QR Codes



**Website**



**LinkedIn**



**YouTube**



## Emil Casciano

Vice President of Nuclear Operations and Fleet Support  
General Dynamics Electric Boat

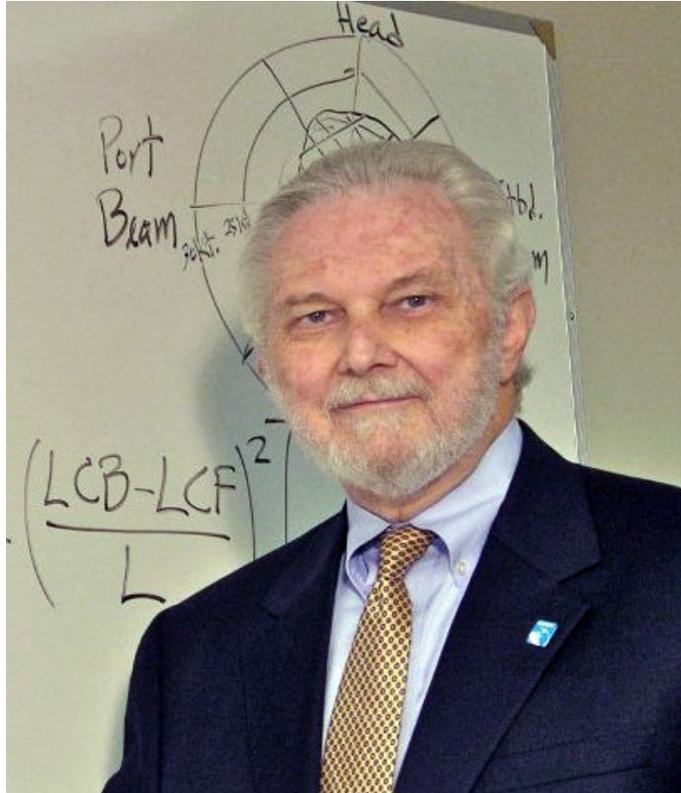
**GENERAL DYNAMICS**  
Electric Boat

Chair, NSRP Executive Control Board



## Ben Canilang

NAVSEA NSRP Program Manager



## Mr. Bob Keane

Senior Executive Service, USN (retired)  
President, Ship Design USA

BREAK

