



DEPARTMENT OF THE NAVY
OFFICE OF THE SECRETARY
1000 NAVY PENTAGON
WASHINGTON DC 20350-1000

DCN 8689

8 August 2005

The Honorable Anthony J. Principi
Chairman
Base Realignment and Closure Commission
2521 South Clark Street
Arlington, VA 22202

Dear Chairman Principi:

This is in response to a request from Mr. Furlow of your staff for command briefs on Naval Sea Systems Command's Norfolk Naval Shipyard Detachments in Annapolis, MD and Philadelphia, PA.

I trust this information satisfactorily addresses your concerns. If we can be of further assistance, please let me know.

Sincerely,

A handwritten signature in cursive script that reads "Anne Rathmell Davis".

Anne Rathmell Davis
Special Assistant to the Secretary of the Navy
For Base Realignment and Closure



DCN 8689

***Norfolk Naval Shipyard Detachment
Plant Equipment Support Office
Annapolis, Maryland***



Plant Equipment Support Office - PESO OCN 8686

Detachment of Norfolk Naval Shipyard (Code 1180) Located in US Naval Station Annapolis, MD

Mission

Provide Centralized Technical Support to NAVSEA and the Fleet in the Management of Industrial Based Programs.

-NAVSEAINST 5450.63 of 17 Jan 92

Vision

- We Are a Professional Organization Providing Industrial Management Services to Fleet Maintenance Activities.**
- We Provide Our Customers Quality, Cost Effective, Management and Services to Facilitate Accomplishment of Their Mission.**



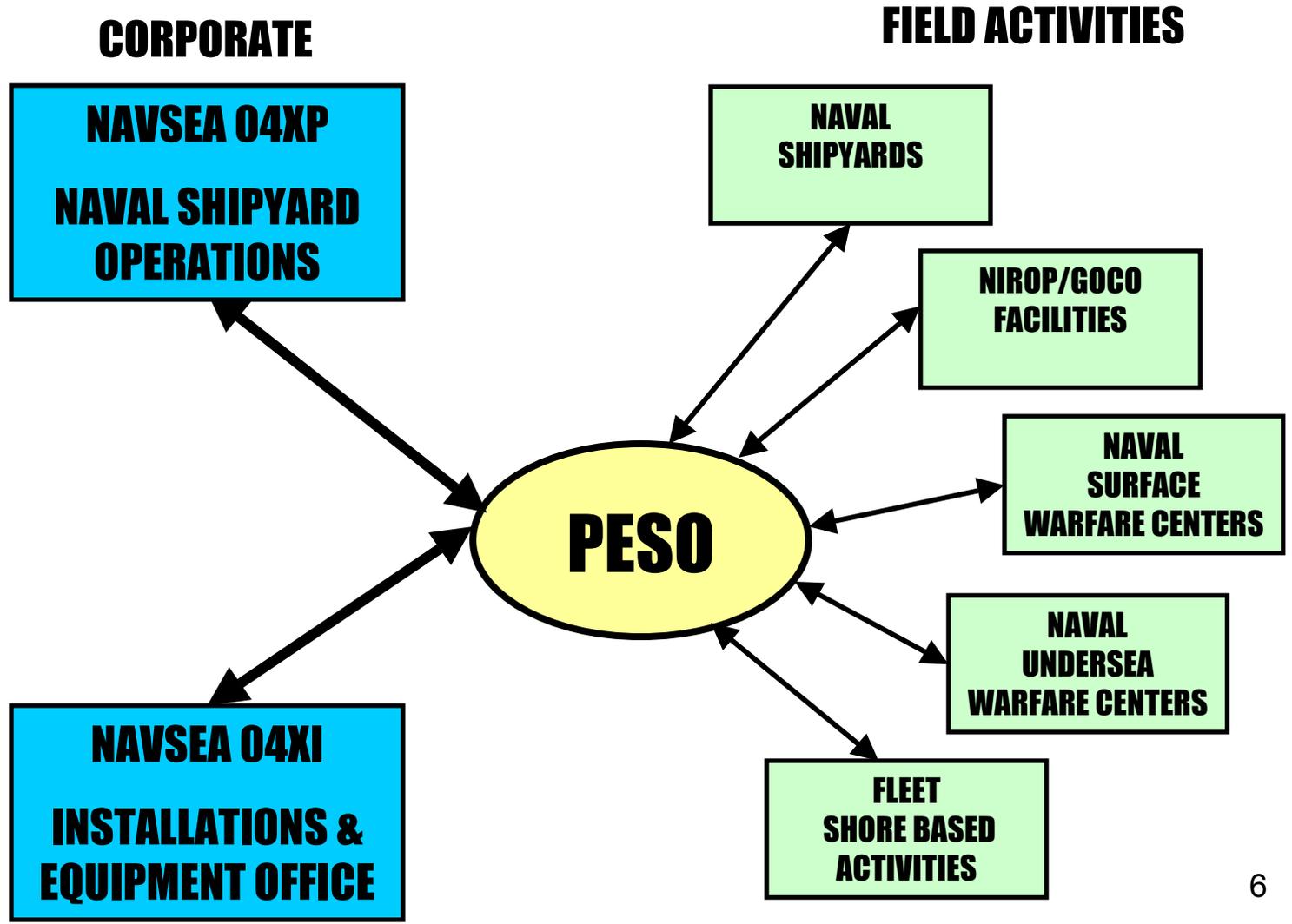
SERVICES

- **Industrial Engineering Technical Support**
- **Industrial Equipment Acquisition (*cradle to grave*)**
- **Equipment Life-Cycle Management (*cradle to grave*)**
- **Capital Purchases Program (CPP) Management & Analysis**
- **OPN Equipment Program Management & Analysis**
- **Naval Industrial Reserve Ordnance Plant/Government Owned Contractor Operated (NIROP/GOCO) Facility Program Management Support & Analysis**
- **Budget & Execution Database Development (CATS)**
- **NAVSEA 04XI3 Support For Facilities, Equipment & Maintenance Database (FEM/MAXIMO)**
- **SEA04XI3 Interface With DLA (DSCR & DSCP)**
- **Excess Equipment Disposition Management For SEA 04XI3**
- **Participant in NAVSEA 04XPE Shipyard Technology Insertion Group**
- **Participant in NAVSEA 04XI Shipyard Transformation Group For CPP/OPN**

SERVICES

- **NAVSEA 04XI Participant In NEMAIS (ERP) Effort**
- **MILCON Collateral Equipment Support**
- **NAVSEA Corporate Center For Industrial Tool Safety & Recalls**
- **NAVSEA Representative for ANSI Industrial Equipment Safety Standards**
- **On-Site Review of Capital Investment Programs For SEA 04XI and 04XP**
- **NAVSEA UID Program Support For Personal Property**
- **Joint Depot Maintenance Activities Group/Joint Group on Depot Maintenance (JDMAG/JG-DM)**
- **NAVSEA Corporate Infrastructure Management Plan (CIMP)**
- **Facilitate Naval Shipyard Capital Investment Group**
- **Author NAVSEAINST 10200 (Tool Control)**
- **Author NAVSEAINST 11016 (Plant Property Management & Minor-C)**
- **National Shipbuilding Research Program (NSRP) Participation**
- **Foreign Military Sales (FMS) Program Support**
- **Outleasing Underutilized Non-Excess Property Commercial & Military**

- **PESO is a centrally managed NAVSEA entity dedicated to shore based industrial support.**
- **PESO affords NAVSEA the ability to capitalize on efficiencies by consolidating the industrial knowledge base and leveraging that knowledge to carry out a corporate strategy for standardization and best practices among depots, R&D installations and GOCO/NIROP facilities while eliminating duplication of effort.**
- **The majority of major industrial plant equipment assets in use by NAVSEA maintenance depots was acquired via PESO.**
- **PESO supplements scarce field activity technical resources.**
- **PESO provides NAVSEA centralized corporate industrial management of plant property that includes:**
 - **Budget support**
 - **Real time responsiveness to NAVSEA plant property needs**
 - **Ability to coordinate corporate industrial initiatives among field activities.**
 - **Corporate level oversight and management support.**
 - **Cost savings in corporate group procurements.**
 - **Ability to coordinate standardized group procurements of industrial equipment.**
 - **Objective 3rd party analysis of industrial issues.**
 - **Corporate clearinghouse of industrial shared knowledge.**



Plant Equipment Support Office – PESO DCN 8550

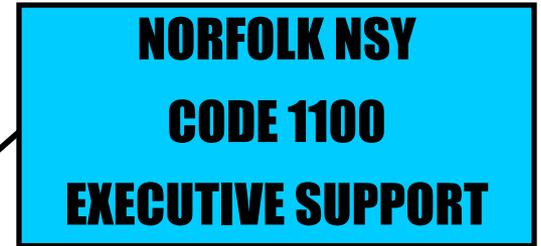
MANAGEMENT STRUCTURE

BUSINESS MANAGEMENT



- Work Assignment
- Budget Support

ADMINISTRATIVE MANAGEMENT



- Payroll/Timekeeping
- Executive Management
- Customer Billing
- ADP/IT Support
- Budget Management
- Supply Services



PESO STAFF DEMOGRAPHICS DCN 8689

MILITARY STAFF = 0

	CIVILIAN STAFF VACANT		RETRIEMENT ELIGIBLES	
	ON-BOARD BILLETS	TOTAL	FY 05	FY06
NAVSTA ANNAPOLIS RESIDENT:				
EQUIPMENT SPECIALIST GS-1670-11/12	4	5	2	2
INDUSTRIAL SPECIALIST GS-1150-12	2	4	2	0
BUDGET ANALYST GS-560-11	1	1	1	0
COMPUTER SPECIALIST GS-2210-11	1	1	1	0
ADMINISTRATIVE COORDINATOR GS-303-06	1	1	1	0
SUPV. INDUSTRIAL MGT. SPECIALIST GS-1150-13	1	1	0	0
Total	10	13	7	2

Norfolk Naval Shipyard Detachment Philadelphia

DCN 8689



BRAC COMMAND BRIEF 3 AUGUST 2005

“A NAVSEA Field Activity”

3751 ISLAND AVE.
PHILADELPHIA, PA
19153-3297

215-365-5767 - DSN 443-1991

2005
5002

NAVSHIPSO HISTORY DCN 8689

- 1952 - Established as the NAVY SHIP SCHEDULING ACTIVITY to promote efficiency in the shipbuilding industry by prioritizing material delivery to meet construction requirements.**
- 1982 - Renamed NAVSEA Shipbuilding Support Office (NAVSHIPSO) under administrative control of the PHILADELPHIA NAVAL SHIPYARD (PNSY).**
- 1995 - Established as a Detachment of Norfolk Naval Shipyard upon cease mission of PNSY in SEP 95 by NAVSEAINST 5450.45 dated 9 MAR 95.**

MISSION

(NAVSEAINST 5450.45)

DCN 8689

“To support the NAVAL SEA SYSTEMS COMMAND and other customers in the execution of shipbuilding and major weapons acquisition programs through manufacturing, engineering and industrial planning, and to perform such other functions as may be directed by higher authority.”

KEY FUNCTIONS

(NAVSEAINST 5450.45)

DCN 8689

- “Provide centralized technical support to NAVSEA....
In all phases of ship acquisition including contract surveillance, construction monitoring, shipbuilding technology and industrial base (IB) assessments.”**
- “Support Navy War Games.”**
- “Maintain the Naval Vessel Register (NVR).”**

ROLES

DCN 8689

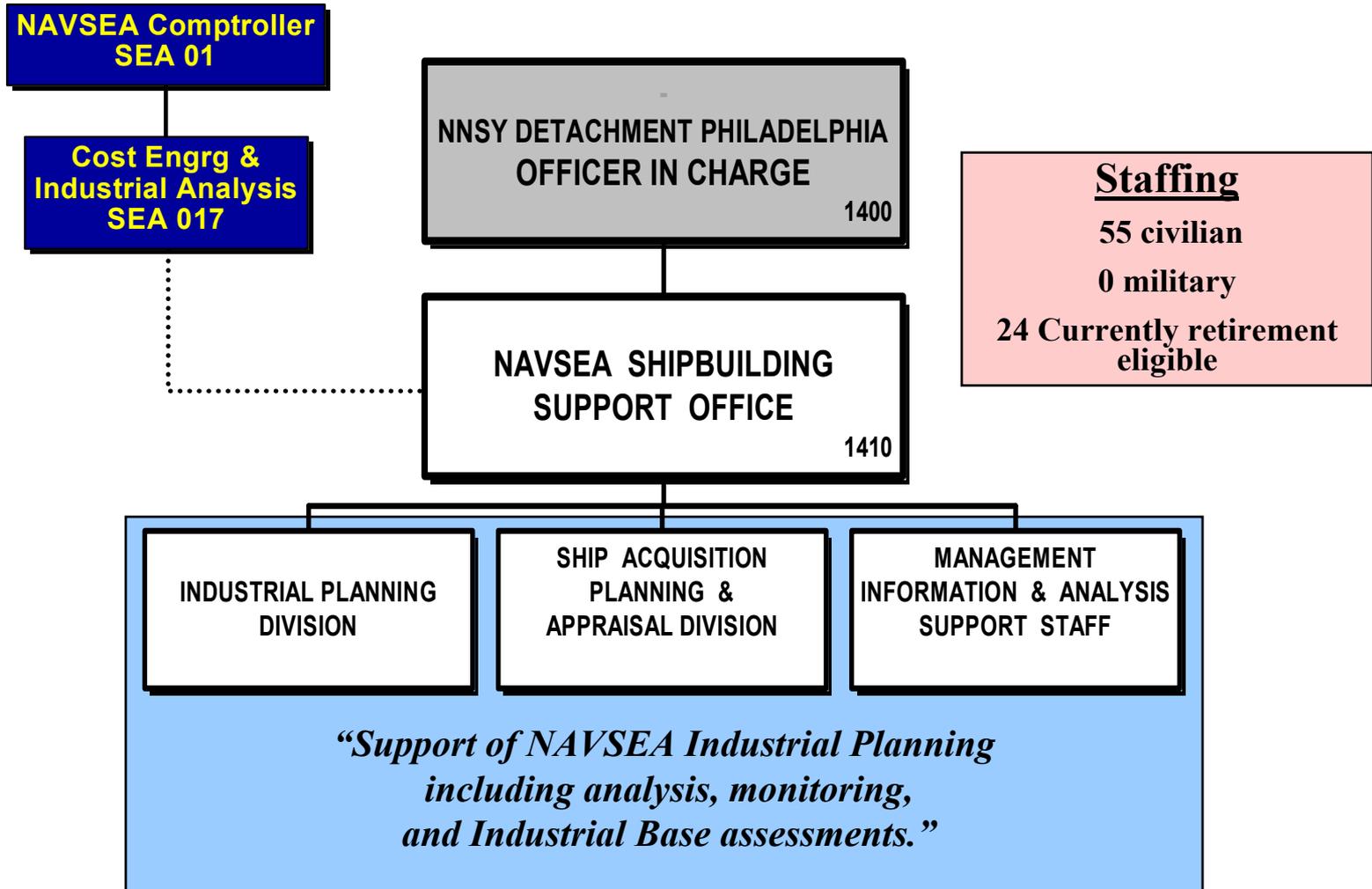
Navy resource providing industrial base analysis and assessments of major shipbuilding acquisition programs thereby fulfilling the critical requirement for collection and analysis of business sensitive data.

Annual solicitation process of the shipbuilding industry for critical data required for acquisition analysis and mapping of industry trends in the Navy shipbuilding database.

Source for out-year shipbuilding material cost inflation rate development for NAVSEA 017 Cost Analysts budgeting of new acquisition programs.

Assessments of shipbuilding programs using shipbuilding industrial specialist subject matter experts.

NAVSHIPSO ORGANIZATION



5002

PLANNING

Functions

**Maintain Industrial Shipbuilding & Repair Base (ISRB)
Database for Shipyards & Supporting Industries**

(DoD 5000.2)

Analysis of the Shipbuilding Industry

(DoD 5000.2)

**Technical Support to Ship Program Managers throughout
Planning, Acquisition and Construction**

(DoD 5000.2)

Maintain the Naval Vessel Register (NVR)

(USN Regulations Article 0406.1)

(10 USC 7304 - 7308)

Maintain Industrial Shipbuilding & Repair Base (ISRB) Database for Shipyards & Supporting Industries

DCN 8689

Objective - Maintain a database that provides the Navy with accurate information on shipbuilding and repair facilities, and supporting industries for assessing peacetime and surge requirements

Source of Data for Shipyards -

- **Annual Solicitation DoN/MARAD Form 17 requesting shipyard data related to facilities and capabilities**
- **On-Site Surveys**

Source of Data for Supporting Industries -

- **Annual Solicitation DoD Form 2737 requesting manufacturer data including**
 - **production lead times**
 - **capacity utilization**
 - **sales**
 - **employment levels**
 - **facilities**
 - **skilled trades**
 - **production rates**

Analysis of the Shipbuilding Industry ^{DCN 8689}

Industrial Base Studies to Support DOD 5000.2 Milestone

**Recent Studies- LCS, DD(X), CVNX/CVN21, TAKE,
JCCX, NOAA**

Preliminary Studies- MPF(F), TAOE(X)

**War Games Support - analysis of industrial preparedness
issues for logistic and global games.**

Material Cost Estimating Relationship

**Annual projection of future material costs based on survey
of supporting industries.**

Sector Studies-Capability&Availability to Programs

- Submarine Storage Batteries
- Stern Tube Bearing Staves
- Material Cost Survey - SSN, CVNX
- Propulsion Shaft Manufacturers

Technical Support to Ship Program Managers Planning and Acquisition

Don Bess

Source Selection Evaluation Boards - examine past performance, experience, production capability, and assess the viability of contractor proposals.

Shipyard Productivity Studies - past performance on programs, CPI, SPI, workforce levels, skill levels, construction schedules.

Cost Estimate Reviews -

CVNX Engineering BOE

LHD/LPD Material Estimate

Production Readiness Reviews - post contract award evaluation of workforce, facilities, schedules and construction plans.

Technical Support to Ship Program Managers Construction

Ship Construction Progress Reports - evaluate schedule and cost, progress, site inspections and provide independent construction assessment.

Recent efforts : TAKE, LPD 17, CVN 68-69 RCOH, MHC51CL, TAGS 63-65, TAGOS 23

Cost & Schedule Analysis Approach

- **Integrated cost (Earned Value) and schedule analysis**
- **Independent schedule estimates and projections for major milestones, key events and resources**
- **Independent analysis and projections for EAC, Labor Rates, Progress and BCWP to complete**
- **Validate data integrity and schedule progress**

Contract Claim Analysis

Naval Vessel Register (NVR)

DCN 8689

- **Maintain the NVR database and web-site.**

www.nvr.navy.mil

- **Provides accurate inventory of ships and service craft.**
- **Record final ship and service craft disposition.**
- **Provide end of fiscal year inventory to NAVSEA for preparation of Financial Reports.**
- **Provide NVR data extracts to NAVSEA, DoD, DoN, OPNAV and Fleet.**

Norfolk Naval Shipyard Detachment Philadelphia

DCN 8689



BRAC COMMAND BRIEF 3 AUGUST 2005

“A NAVSEA Field Activity”

3751 ISLAND AVE.
PHILADELPHIA, PA
19153-3297

215-365-5767 - DSN 443-1991

2005
5002

NAVSHIPSO HISTORY DCN 8689

- 1952 - Established as the NAVY SHIP SCHEDULING ACTIVITY to promote efficiency in the shipbuilding industry by prioritizing material delivery to meet construction requirements.**
- 1982 - Renamed NAVSEA Shipbuilding Support Office (NAVSHIPSO) under administrative control of the PHILADELPHIA NAVAL SHIPYARD (PNSY).**
- 1995 - Established as a Detachment of Norfolk Naval Shipyard upon cease mission of PNSY in SEP 95 by NAVSEAINST 5450.45 dated 9 MAR 95.**

MISSION

(NAVSEAINST 5450.45)

DCN 8689

“To support the NAVAL SEA SYSTEMS COMMAND and other customers in the execution of shipbuilding and major weapons acquisition programs through manufacturing, engineering and industrial planning, and to perform such other functions as may be directed by higher authority.”

KEY FUNCTIONS

(NAVSEAINST 5450.45)

DCN 8689

- “Provide centralized technical support to NAVSEA....
In all phases of ship acquisition including contract surveillance, construction monitoring, shipbuilding technology and industrial base (IB) assessments.”**
- “Support Navy War Games.”**
- “Maintain the Naval Vessel Register (NVR).”**

ROLES

DCN 8689

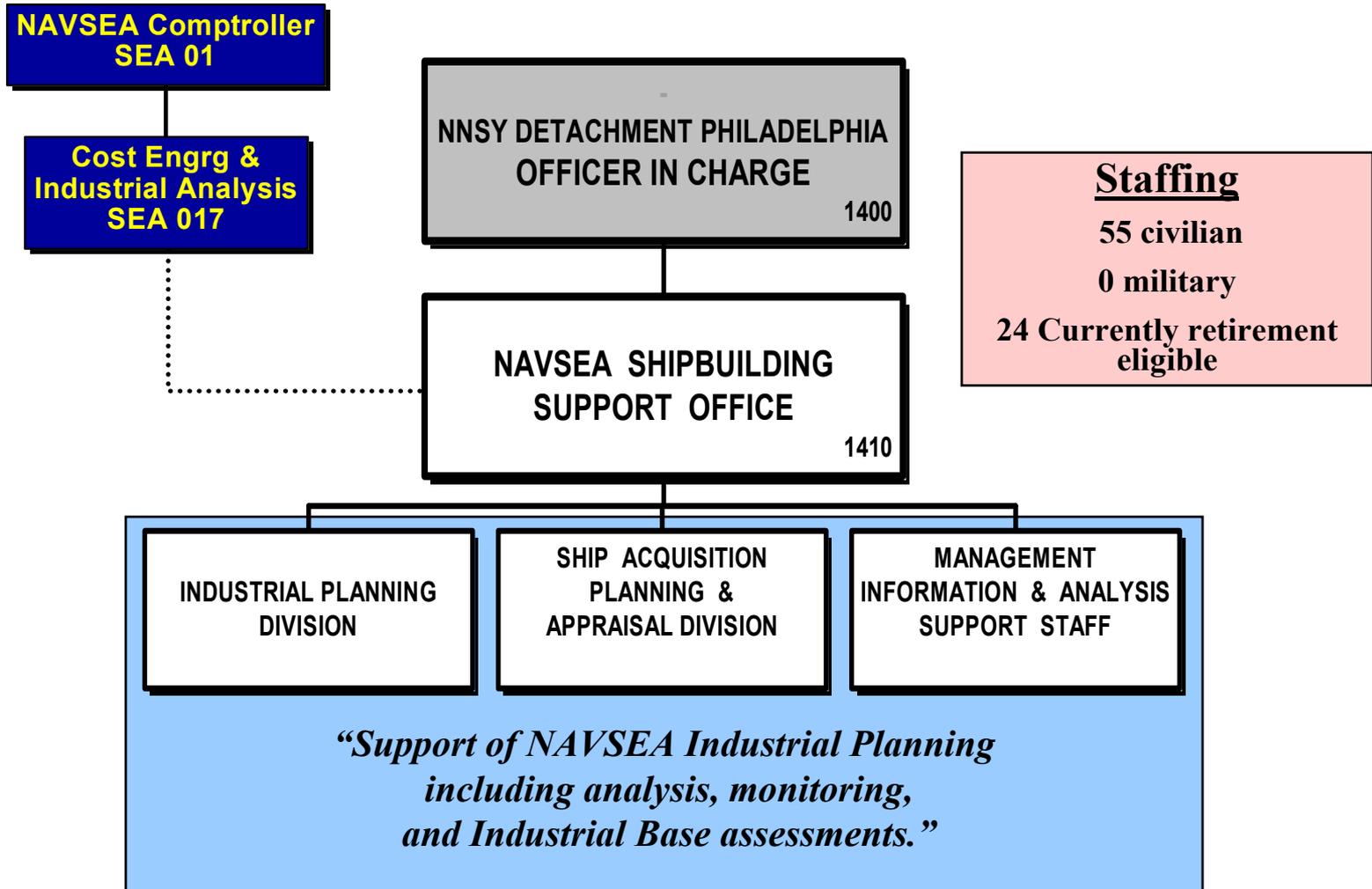
Navy resource providing industrial base analysis and assessments of major shipbuilding acquisition programs thereby fulfilling the critical requirement for collection and analysis of business sensitive data.

Annual solicitation process of the shipbuilding industry for critical data required for acquisition analysis and mapping of industry trends in the Navy shipbuilding database.

Source for out-year shipbuilding material cost inflation rate development for NAVSEA 017 Cost Analysts budgeting of new acquisition programs.

Assessments of shipbuilding programs using shipbuilding industrial specialist subject matter experts.

NAVSHIPSO ORGANIZATION



PLANNING

Functions

**Maintain Industrial Shipbuilding & Repair Base (ISRB)
Database for Shipyards & Supporting Industries**

(DoD 5000.2)

Analysis of the Shipbuilding Industry

(DoD 5000.2)

**Technical Support to Ship Program Managers throughout
Planning, Acquisition and Construction**

(DoD 5000.2)

Maintain the Naval Vessel Register (NVR)

(USN Regulations Article 0406.1)

(10 USC 7304 - 7308)

Maintain Industrial Shipbuilding & Repair Base (ISRB) Database for Shipyards & Supporting Industries

DCN 8689

Objective - Maintain a database that provides the Navy with accurate information on shipbuilding and repair facilities, and supporting industries for assessing peacetime and surge requirements

Source of Data for Shipyards -

- **Annual Solicitation DoN/MARAD Form 17 requesting shipyard data related to facilities and capabilities**
- **On-Site Surveys**

Source of Data for Supporting Industries -

- **Annual Solicitation DoD Form 2737 requesting manufacturer data including**
 - **production lead times**
 - **capacity utilization**
 - **sales**
 - **employment levels**
 - **facilities**
 - **skilled trades**
 - **production rates**

Analysis of the Shipbuilding Industry ^{DCN 8689}

Industrial Base Studies to Support DOD 5000.2 Milestone

**Recent Studies- LCS, DD(X), CVNX/CVN21, TAKE,
JCCX, NOAA**

Preliminary Studies- MPF(F), TAOE(X)

**War Games Support - analysis of industrial preparedness
issues for logistic and global games.**

Material Cost Estimating Relationship

**Annual projection of future material costs based on survey
of supporting industries.**

Sector Studies-Capability&Availability to Programs

- Submarine Storage Batteries
- Stern Tube Bearing Staves
- Material Cost Survey - SSN, CVNX
- Propulsion Shaft Manufacturers

Technical Support to Ship Program Managers Planning and Acquisition

Don Bess

Source Selection Evaluation Boards - examine past performance, experience, production capability, and assess the viability of contractor proposals.

Shipyard Productivity Studies - past performance on programs, CPI, SPI, workforce levels, skill levels, construction schedules.

Cost Estimate Reviews -

CVNX Engineering BOE

LHD/LPD Material Estimate

Production Readiness Reviews - post contract award evaluation of workforce, facilities, schedules and construction plans.

Technical Support to Ship Program Managers Construction

Ship Construction Progress Reports - evaluate schedule and cost, progress, site inspections and provide independent construction assessment.

Recent efforts : TAKE, LPD 17, CVN 68-69 RCOH, MHC51CL, TAGS 63-65, TAGOS 23

Cost & Schedule Analysis Approach

- **Integrated cost (Earned Value) and schedule analysis**
- **Independent schedule estimates and projections for major milestones, key events and resources**
- **Independent analysis and projections for EAC, Labor Rates, Progress and BCWP to complete**
- **Validate data integrity and schedule progress**

Contract Claim Analysis

Naval Vessel Register (NVR)

DCN 8689

- **Maintain the NVR database and web-site.**

www.nvr.navy.mil

- **Provides accurate inventory of ships and service craft.**
- **Record final ship and service craft disposition.**
- **Provide end of fiscal year inventory to NAVSEA for preparation of Financial Reports.**
- **Provide NVR data extracts to NAVSEA, DoD, DoN, OPNAV and Fleet.**