



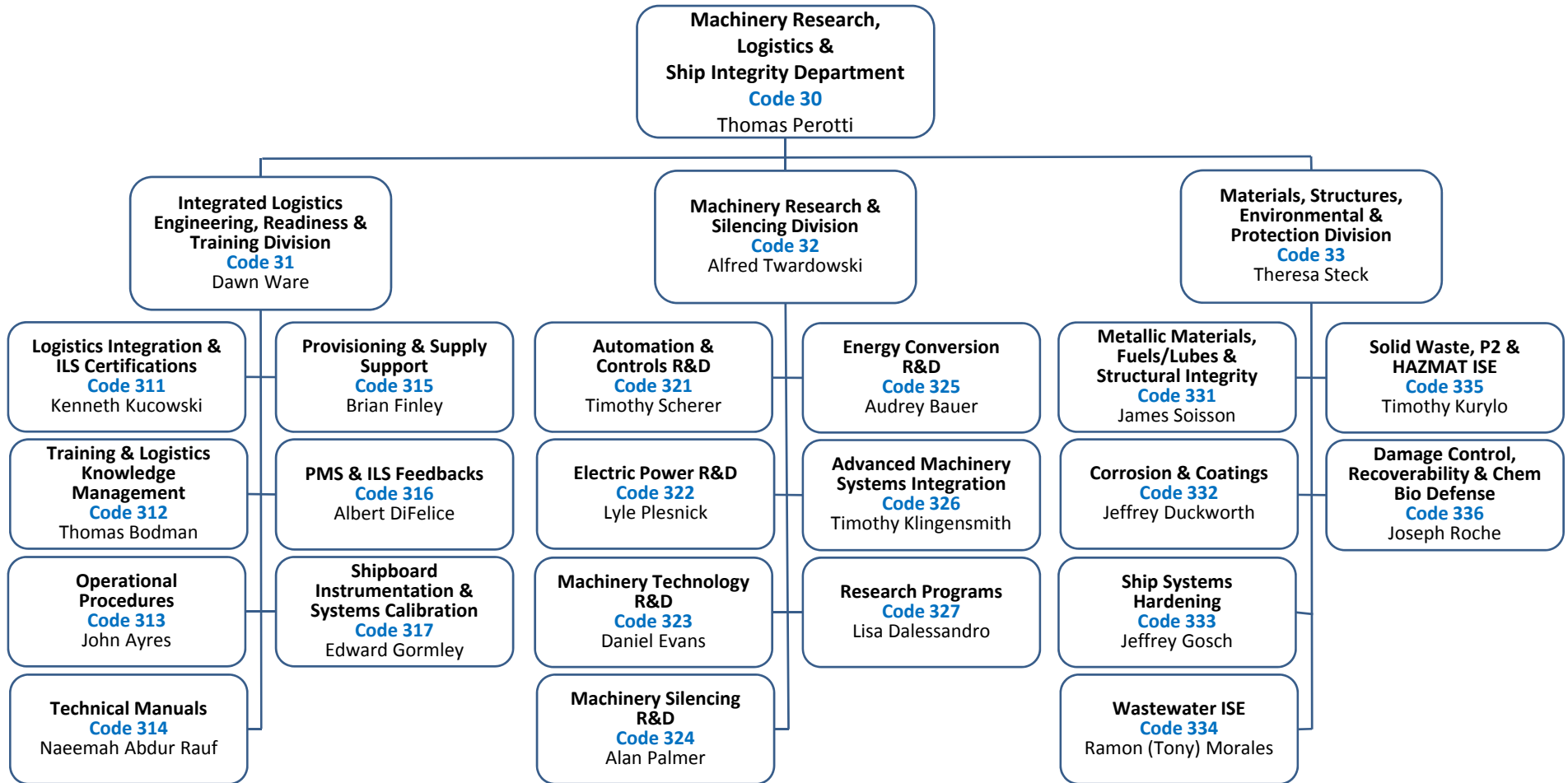
NAVAL SURFACE WARFARE CENTER PHILADELPHIA DIVISION

DEPARTMENT 30 OVERVIEW AND CONTRACTS FORECAST

Theresa Steck

Machinery Research, Logistics & Ship Integrity, Department 30

11 May 2016





Mission Statement:

Provide leadership, management, and execution of the Navy's Machinery Hull, Mechanical and Electrical (HM&E) research and development, ship integrity, environmental compliance and protection, system calibration, and logistics and training initiatives. These programs and products support the Command's core equities and technical capabilities, which will allow NSWCPD to remain the Navy's primary choice for HM&E Machinery Systems Engineering.

Vision Statement:

Naval machinery engineering excellence through affordable research and development, logistics, and ship integrity solutions.

Division 31 – Integrated Logistics Engineering, Readiness & Training

31
Division Head
Dawn Ware

311
Logistics Integration &
ILS Certifications
Branch
Ken Kucowski

- Logistics Process Management
- Availability ILS Support for Surface Fleet, Aircraft Carriers & Submarines

312
Logistics
Knowledge Mgmt Branch
Tom Bodman

- ILS Knowledge Management/NAV LOGTD
- Remedy/Distance Support
- NAVSEA Enterprise Commonality

313
Operational
Procedures Branch
John Ayres

- Steam, Diesel, Gas Turbine, and Auxiliary EOSS
- SDOSS, AFOSS, CFOSS, CATOSS, FOSS, BOSS, etc.
- EOSS Feedbacks & semi-annual updates

314
Technical Manuals
Branch
Naemah Abdur Rauf

- Surface, Submarine, Carrier Tech Manuals, and NSTMs
- TM Deficiency/Evaluation Report (TMDER) processing
- Technical Manual Maintenance Activity (TMMA)

315
Provisioning & Supply
Support Branch
Brian Finley

- TSA for Surface Ship, Submarine, and Carrier Provisioning
- Diminished Manufacturing Sources & Material Shortages (DMSMS)

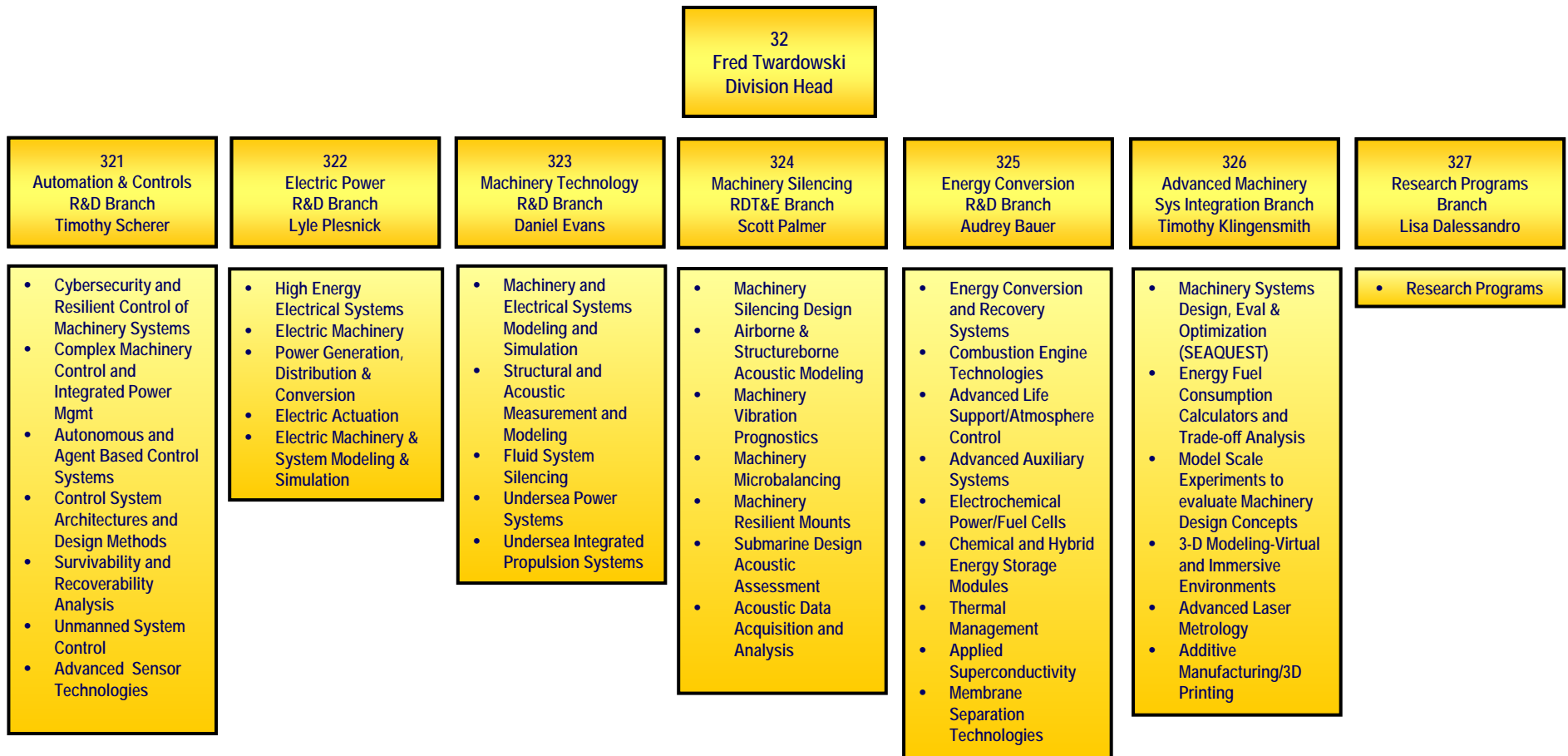
316
PMS and ILS
Feedbacks Branch
Skip DiFelice

- Surface Ship, Submarine and Carrier PMS
- ILS Feedbacks Processing
- Specifications & Standards Management

317
Shipboard Instrumentation
& System Calibration
(SISCAL) Branch
Ed Gormley

- Engineering Agent – Shipboard Calibration Programs
- Develop Hull-Specific Calibration Requirements Lists (CRLs)
- Perform Initial and Tri-Annual MCS Calibration Navy-wide

Division 32 – Machinery Research & Silencing



Division 33 – Materials, Structures, Environmental & Protection

33
Division Head
Theresa Steck

331
Metallic Materials, Fuel/Lube
& Structural Integrity Branch
James Soisson

- Welding Fabrication & Procedure Qualification
- NDE
- Thermal Spray
- Castings
- Fastener Mechanical & Materials, Joining Technologies
- Alloy & Material Selection/Compatibility
- Metallic Materials Manufacturing Processes
- Component Metallurgical Failure Analysis
- Fuels
- Lubricating Oils
- Hydraulic Fluids
- Greases
- Shipboard Structural Design, Analysis & Assessment

332
Corrosion & Coatings
Branch
Jeffrey Duckworth

- Topside, Interior & Underwater Hull Preservation Coatings
- Nonskid
- Deck Coverings
- Corrosion Mitigation
- Special Hull Treatment (SHT) Signature Control
- Mold-in Place (MIP) Hull Signature Control Coating
- Impressed Current Cathodic Protection
- Sacrificial Anodes
- Chemical Agent Resistant Coatings
- Non-Nuclear Steam Generating Plant Water Chemistry (Propulsion & Auxiliary)
- Chemical Cleaning
- Diesel Engine Coolant

333
Ship Systems
Hardening Branch
Jeffrey Gosch

- MIL-S- 901 Delegated Approval Authority (DAA) of GFE & CFE
- Dynamic Design & Analysis Method (DDAM) DAA for GFE & CFE
- Navy Shock Database
- Ship Shock Certification
- Shock Test Machine and Vehicle Certification
- Shock Deficiency Correction Plans
- HM&E Full Ship Shock Trial (FSST)
- HM&E Total Ship Survivability Trial (TSST)

334
Wastewater ISE
Branch
Ramon (Tony) Morales

- Automated Oil Pollution Abatement
- Oily Water Separators
- Oil Content Monitors
- Oily Waste Membrane Polishers
- Oil Waste Transfer
- Non Oily Wastewater
- Collection, Holding and Transfer
- Vacuum Collection, Holding and Transfer
- Marine Sanitation Devices
- Uniform National Discharge Standard
- Ship-to-Shore Environmental Compliance

335
Solid Waste &
Haz Mat ISE Branch
Timothy Kurylo

- Plastics Waste Processors
- Pulpers
- Metal/Glass Shredders
- Incinerators
- Food Waste Disposal & Trash Compactors
- Hazardous Material Minimization & Substitution
- Ships Hazardous Material List
- Oil/Hazardous Substance Spill Response
- Pollution Prevention Afloat
- Hazardous Material Minimization Centers (HAZMINCENS)

336
Damage Control,
Recoverability &
Chem Bio Defense Branch
Joseph Roche

- Damage & Fire Recoverability
- Fire Risk Assessments, Investigations
- Weapons Fire Safety
- AFFF/Halon Fire Suppression
- Smoke/Fire Sensors & Automation
- Water Mist & Magazine Sprinklers
- Damage Control Repair Station Kits
- Emergency Access Tools & De-smoking
- Chem/Bio Defense Individual Protection & Decontamination



Competitive Contract Requirements - Projected FY16 Announcements

Description	ROM	Anticipated Announcement Date (FY/QTR)	Requiring Technical Code
ILS Services for Naval Hull, Mechanical, Electrical, and Weapons Handling Systems and Equipment	\$20-30M	FY16 / Q3	316
R&D Engineering and Program Management Services	\$10-20M	FY16 / Q3	325
Damage Control and Fire Protection Engineering Support Services	\$5-8M	FY16 / Q3-4	336



Competitive Contract Requirements - Projected FY16 Announcements

Description	ROM	Anticipated Announcement Date (FY/QTR)	Requiring Technical Code
Shipboard Weapons System Fire Protection, Fire Doctrine, and Fire Hazard Analysis Support	\$5-8M	FY16 / Q3-4	336
Motor Operated Pilot Valve Production	\$7-12M	FY16 / Q4	336
Post-Delivery ILS and Program Management Support	\$35-45M	FY16 / Q4	311



Competitive Contract Requirements - Projected FY17 Announcements

Description	ROM	Anticipated Announcement Date (FY/QTR)	Requiring Technical Code
EOSS Support and Technical Documentation	\$7-12M	FY17 / Q1	313
Information Technology and Cybersecurity Training	\$5-10M	FY17 / Q1	321
Blue Collar Services in Support of Materials, Structures, Environmental & Protection Programs	\$35-50M	FY17 / Q1	33



Competitive Contract Requirements - Projected FY17 Announcements

Description	ROM	Anticipated Announcement Date (FY/QTR)	Requiring Technical Code
Lube Oil and Water Testing Services	\$10-20M	FY17 / Q1-2	331/332
Solid Waste Processing Equipment Services	\$10-15M	FY17 / Q1-2	335
Information Technology and Engineering Services	\$10-15M	FY17 / Q2	321/326



Competitive Contract Requirements - Projected FY17 Announcements

Description	ROM	Anticipated Announcement Date (FY/QTR)	Requiring Technical Code
White Collar Services in Support of Materials, Structures, Environmental & Protection Programs	\$25-40M	FY17 / Q2-3	33
New Acquisition Integrated Logistics Support	\$10-20M	FY17 / Q3	314