



Welcome

to the Tidewater Association of Service Contractors

United States Coast Guard C5ISC Industry Day

April 13, 2023

TASC Overview

▼ Focal point for industry collaboration toward greater awareness of Government business opportunities while sharing industry's experience and perspective with Government partners to more clearly define, understand, and improve the acquisition process to optimize support to the warfighter and Federal agencies, as well as stewardship to the taxpayer.

▼ Industry Member:

Value through access to government decision makers and forecasted opportunities by facilitating various industry day, education and networking events.

▼ Government Member:

Value through access to industry feedback, a conduit for market research participation, education, and networking events.

Gold Sponsors









Platinum Sponsor



Goal-Oriented Human Performance Technologies

Platinum Sponsor



Platinum Sponsor

REED INTEGRATION, INC.

C5I Service Center Industry Day

Command, Control, Communications, Computers, Cyber and Intelligence (C5I) Service Center

- Technology focused
- Capabilities development, delivery and sustainment organization
- Emphasis on IT Solutions
- Supports the Coast Guard's 11 statutory missions





Agenda

0800-0900 Registration and Check In 0900-0930 Welcome and Sponsor Recognition 0930-0945 Keynote Address, Captain Carroll

0945-1100 C5ISC Briefs

1100-1110 Break

1110-1200 C5ISC Briefs

1200-1300 Lunch

1300-1315 Recap and conclusion of presentations

1315-1330 Break for setup

1330-1630 Breakout Sessions/Matchmaking

C5ISC Presentations Agenda

0945-1100

OISPL

C2PL

COMPL

MSSPL

UCPL

ISPL

1100-1115 BREAK

1115-1200

ISD

BOD

ESD

914



Overview of the C5I Service Center



C5I Service Center

Mission Statement:

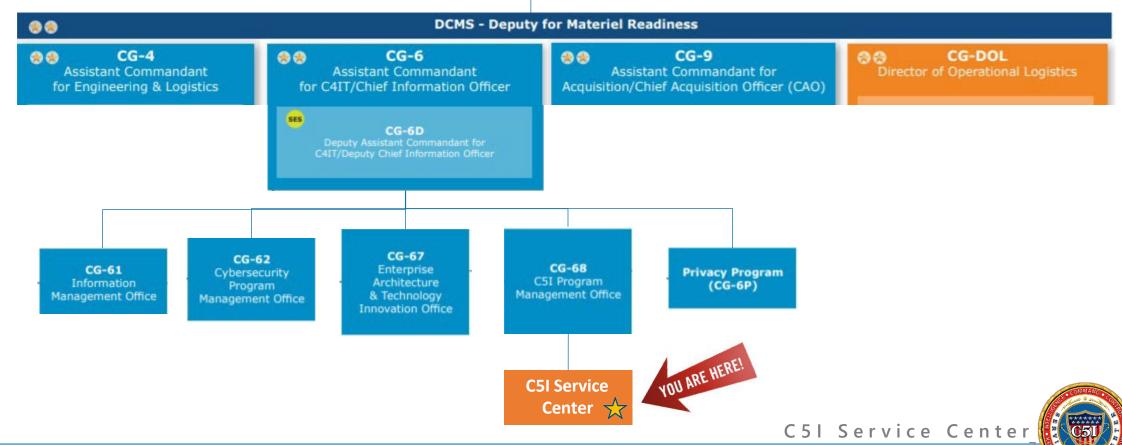
Enable Coast Guard mission execution by providing high quality:

- Information and situation-awareness products and services
- Depot-level maintenance and repair services
- Resource transparency and total asset visibility
- Stewardship and configuration management



C5ISC Chain of Command within USCG





UNITED STATES COAST GUARD

Center 251 Service

U.S. Coast Guard Missions

















11 Statutory Missions

- Ports, Waterways and **Costal Security**
- **Drug Interdiction**
- **Aids to Navigation**
- Search and Rescue
- **Living Marine Resources**

Defense Readiness

Marine Safety

- **Defense Readiness**
- Migrant Interdiction
- **Marine Environmental** Protection
- 10. Ice Operations
- 11. Other Law Enforcement

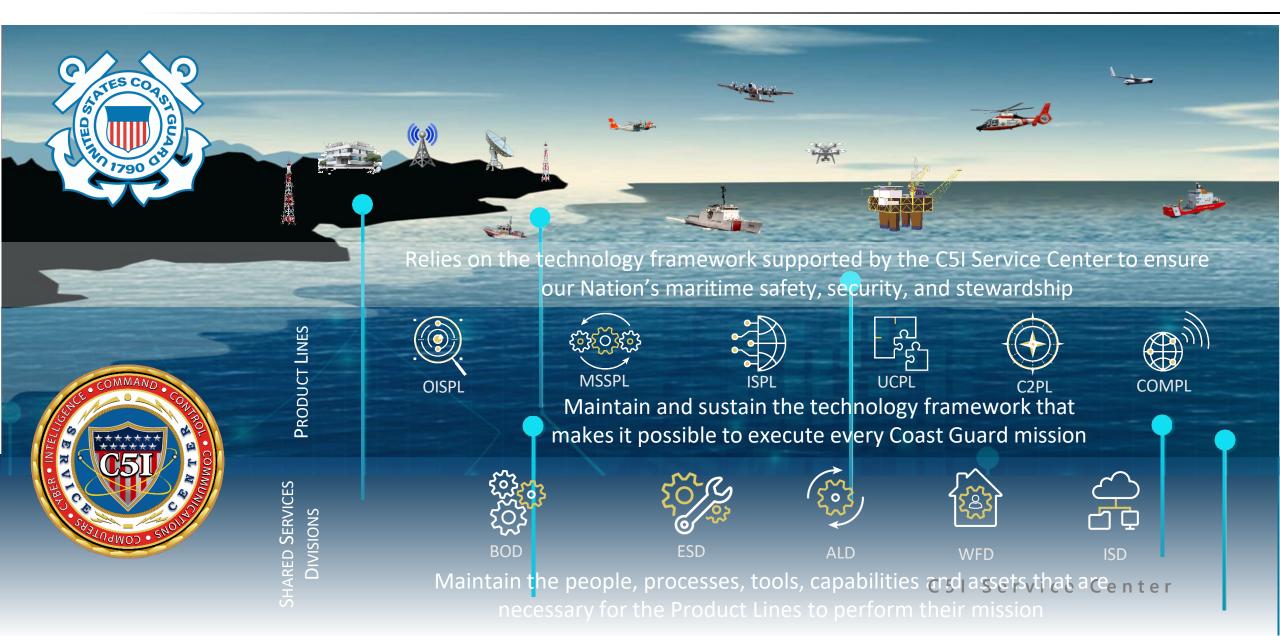








C5I Service Center at Work



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C5ISC: Designed to Support the Mission

- Leverage technology to deliver C5I products and services that enable mission
- Unity of effort in development, testing, delivery, and support of all C51 systems, applications, and services
- Interface with other Logistics / Service Centers and CGCYBER
- Continuous improvement to enhance reliability, efficiency, effectiveness, and cybersecurity
- > Alignment with DCMS Mission Support Business Model

Lead the Technology Revolution



TECH REVOLUTION

<--->

Cutter Connectivity

I can use Coast Guard data systems and access critical information while underway through increased bandwidth, coverage area, and network speed.

Data for Decisions

I can access the information I need and leverage advanced analytics to help solve complex problems at work.

Software, Mobility, and Cloud

I can collaborate with my teammates in the Cloud using new apps that make my job easier. Virtual C-schools and training sessions accelerate my career.

VISION FOR THE FUTURE

C5I Infrastructure

I can use my mobile workstation to access the digital tools I need on a fast and resilient network wherever my duties take me.

Cyber Readiness

My digital workspace and operations are protected through enhanced network security and modern cyber defense tools.

FERSON SEE



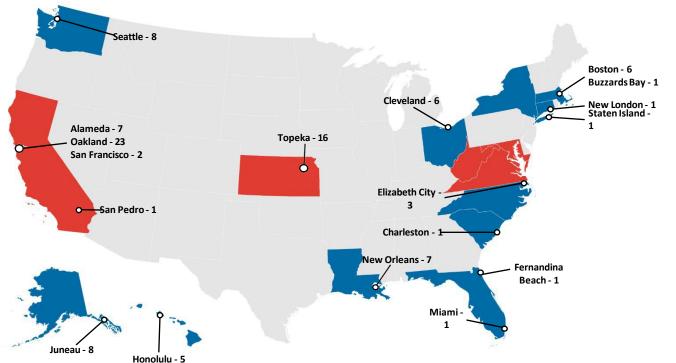


Within One Year

Next Two Years

Three+ Years

C5ISC Geo-Dispersed Workforce



- Workforce Breakdown:
 - ➤ 378 Active Duty
 - > 546 Federal Civilian
- Kearneysville 86

 Baltimore 30

 Suitland 18

 Washington, DC 18

 Alexandria 241

 Chesapeake 10

 Norfolk 47

 Portsmouth 267

 VA Beach 1

- Primary Locations:
 - Alexandria, VA
 - Kearneysville, WV
 - Portsmouth, VA
- 24 Additional Locations
- PL & SSD 'Home Ports':
 - Alexandria: UCPL, ISD, WFD, ALD
 - Portsmouth: C2PL, COMPL, OISPL, ESD
 - Kearneysville: MSSPL, BOD
 - Washington, DC: ISPL



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C5ISC Vendor Management Office

- > Introductory virtual meetings to collect capabilities
- Maintain an optional library of vendor capabilities for C5ISC Market Research
- Match capabilities with PL/SSD missions and facilitate program/vendor meetings when requested
- Industry Events Industry Days, Reverse Industry Days, acquisition specific events
- Standardize Contractor Performance Management Reviews (CPMRS)
- Improve C5ISC contractor performance reporting (CPARS evaluations)

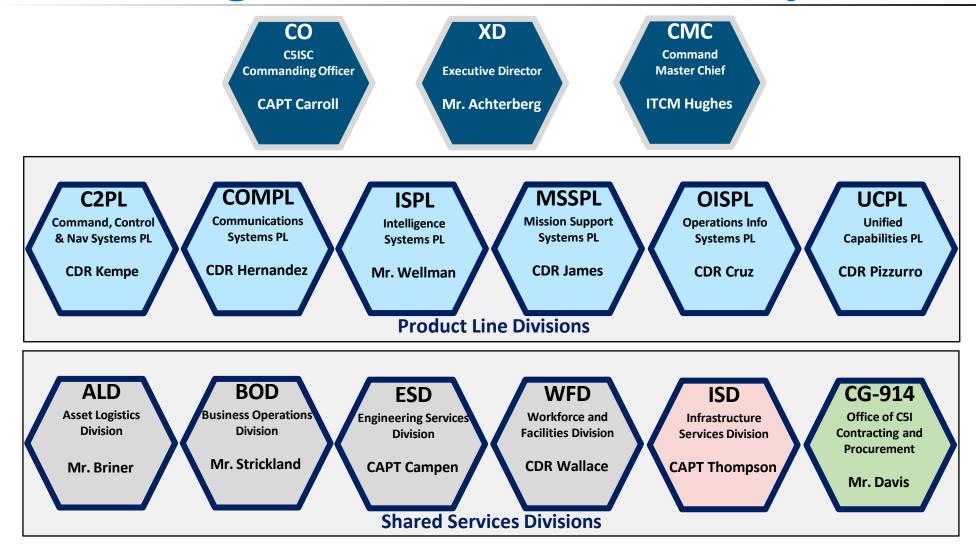


Oversee development and management of strategic vendor partnerships and communications



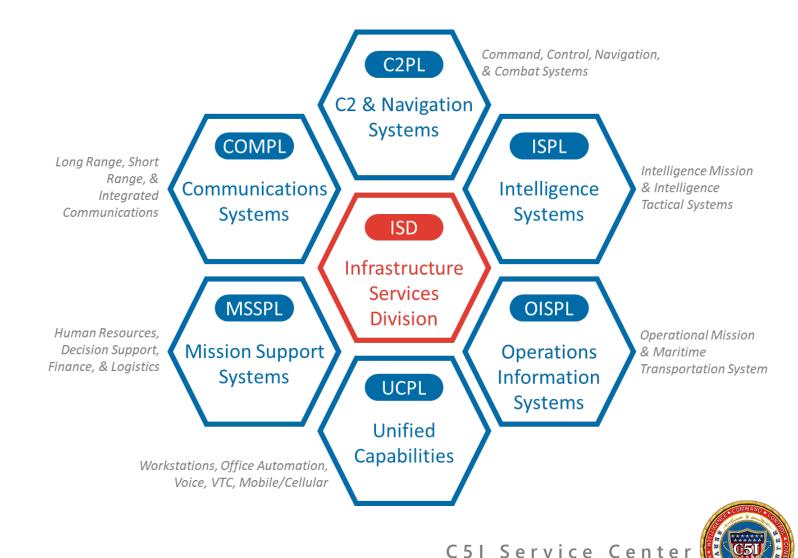
Description of C5ISC Product Lines and Shared Services Divisions

Organizational Leadership



What is a Product Line?

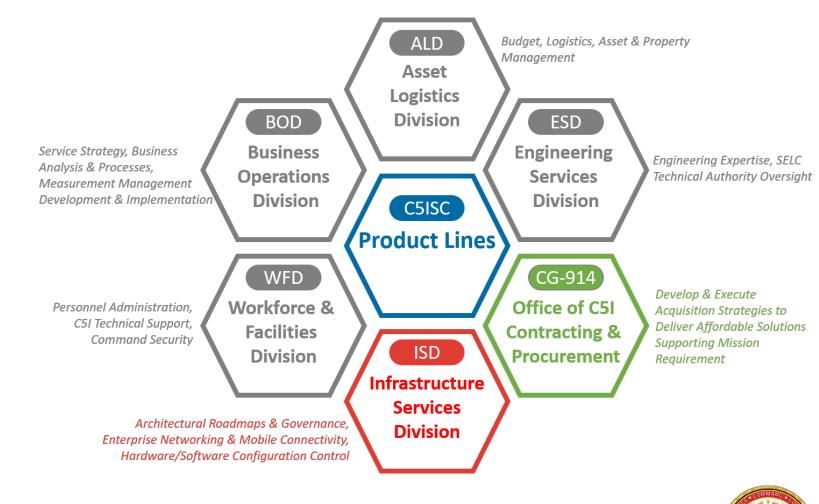
- System Owner and single point of accountability to CG-68 and Coast Guard end users
- Provide service development, delivery, support and technical expertise for program priorities and requirements



What is a Shared Services Division?

Workforce for all C5ISC projects

 Provide engineering, logistics, finance, infrastructure and business operations support to systems the Product Lines are responsible for



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OPERATIONS INFORMATION SYSTEMS PRODUCT LINE (OISPL)

Mission

The Operations Information Systems Product Line (OISPL) serves as the Service Owner and single point of accountability to deliver, maintain and manage technical solutions that meet external C5I Service Center customers' tactical mission execution requirements. This includes enterprise and locally hosted applications providing tactical information, collaboration and analysis technology.

OISPL supports enterprise C5I systems that enable and deliver actionable information in a usable format.

38 Systems Supported

Major Systems

- Maritime Information for Safety & Law Enforcement (MISLE)
- Vessel Documentation System (VDS)
- US ATON Information Management System (USAIMS)
- Command Center Display System
- CG Maritime Information Exchange (CGMIX)
- Biometrics at Sea System (BASS)



Product Line Manager:

CDR David Cruz

Product Line Deputy:

Jennifer Ganoung

OISPL Branches:

Track Management Branch
Branch Chief: LT Brian Thompson

Enterprise Operations Systems
Branch

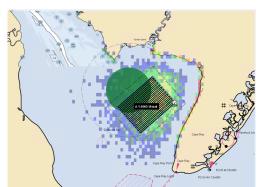
Branch Chief: April Waters

OPERATIONS INFORMATION SYSTEMS PRODUCT LINE (OISPL)

Focused on Capabilities Delivered to the Fleet

Vessel Tracking / Track Management

- IMO Agreements
- SAR / Emergency Response
- Intelligence
- Maritime Domain Awareness





Case Management

- Vessel Documentation
- Mariner Licensing
- Law Enforcement / Legal Adjudication
- Response, Prevention and Inspections
- Migrant Interdiction
- ATON / Waterways Management



Product Line Manager:

CDR David Cruz

Product Line Deputy:

Jennifer Ganoung

OISPL Branches:

Track Management Branch

Branch Chief: LT Brian Thompson

Enterprise Operations Systems Branch

Branch Chief: April Waters



COMMAND, CONTROL, NAVIGATION & COMBAT SYSTEMS PRODUCT LINE (C2PL)

Mission

C2PL serves as the System Owner and single point of accountability to provide service development, delivery, support and technical expertise for **command**, **control**, **navigation**, **and combat systems**.

As a C5I product line, C2PL provides accurate and timely response to operational, multi-mission requirements through the management of each system's unique lifecycle, including systems engineering and project management. C2PL leads the effort to continually transform the integrated command, control, navigation, and combat suites of equipment to enhance maritime domain awareness in a technologically advancing Coast Guard.

70+ Systems Supported

Major Systems

- Sea Watch
- Sea Commander
- Sextant
- LookingGlass
- VTS/PAWSS
- SINS/SINS-2
- RADAR
- Combat Systems Integration
- ECS/ECDIS



Product Line Manager:

CDR Matt Kempe

Product Line Deputy:

John Schutzenhofer

C2 Land Branch

Branch Chief: LCDR Weber

C2 Sea Branch

Branch Chief: LCDR Elmore

C2 Air Branch (new)

Branch Chief: VACANT

Navigation Branch

Branch Chief: LT Siciliano

Combat/Optics Branch

Branch Chief: Paul Lamczyk

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COMMAND, CONTROL, NAVIGATION & COMBAT SYSTEMS PRODUCT LINE (C2PL)

Architecture Goals:

- Open source data formats for sensor & system integration into larger C5I architecture
- Unify product/service offerings to reduce redundancy & improve efficiencies of scale
- Conform to IEC & IMO standards to reduce integration risks on maritime platforms

Technology/Support Challenges:

- Moore's Law outpaces our capacity to get solutions to the field
- Wide geographic distribution creates challenges for deployments

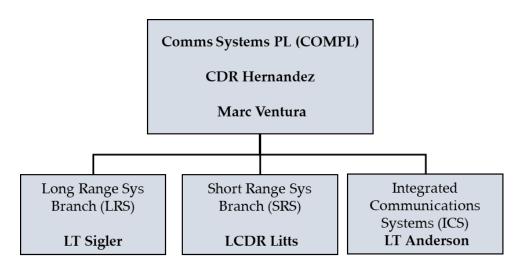
Requested Assistance from Industry:

- Forecasted production & support timelines to support PPBE timelines & DMSMS management
- Extended warranty coverage beginning at installation
- Availability of sustainment intellectual property after end of support
- Strategic installation partnerships to leverage local deployment resources and optimize travel



Updated: 2/28/2023

COMMUNICATIONS SYSTEMS PRODUCT LINE (COMPL)



Mission

Deliver, maintain & manage technical solutions that meet external C5ISC customer's communications requirements. This includes radio communications across the entire frequency spectrum, military and commercial satellite voice systems, & contingency capability.

Systems Supported



- LRS HF Radios, SATCOM Communications, MUOS
- SRS Rescue 21 (Coastal, Alaska, Western Rivers) VHF Radios, UHF Radios
- ICS Boat Crew Communications Systems (BCCS), Radio Control, Audio Routing, Digital Voice Logger, CSN Network



Product Line Manager:

CDR Juan Hernandez

Product Line Deputy:

Marc Ventura

COMPL Branches:

Long Range Systems Branch

Branch Chief: VACANT

Short Range Systems Branch

Branch Chief: LT Robert Litts

Integrated Communications
Systems Branch

Branch Chief: LT Jonathan Anderson

COMPL Major Initiatives/Challenges

CURRENT Major Initiatives include:

Mobile User Objective System (MUOS)

Short Range Radio Frequency Communications (SCORP)

High Frequency Radio System (HFRS)

Boat Crew Communication System

Radio Control Modernization,

R21 AK Modernization, CSN Modernization

- Challenges faced include:
 - Hundreds of Installations required over a short time period.
 - Configuration Management of Equipment in the field.
 - Project Management Augmentation
 - Surge Capability for project work



MISSION SUPPORT SYSTEMS PRODUCT LINE (MSSPL)

Mission

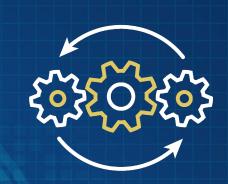
The Mission Support Systems Product Line (MSSPL) serves as the service owner and single point of accountability to provide service development, delivery, support and technical expertise for mission support systems that include USCG enterprise financial, human resources, logistics, Portal, web, health, safety, work-life, and decision support requirements.

MSSPL is the service provider for over 100 IT systems that deliver sustained and adaptable readiness that enable Coast Guard missions to operate efficiently. From Direct Access to Financial System Management Solutions (FSMS), MSSPL directly supports the CG mission, its members and their families on a daily basis.

100+ Systems Supported

Major Systems

- Direct Access HRDS
- Coast Guard Business Intelligence (CGBI) HRDS
- Medical and Dental Radiological IT (MDRIT) HRDS
- Core Accounting Suite (CAS) FLS
- Depot Management System (DPOMS) FLS
- Financial System Management Solution (FSMS) FLS



Product Line Manager:

CDR Beau James

Product Line Deputy:

Unnat Sharma

MSSPL Branches:

Finance & Logistics Systems Branch (FLS)

Branch Chief: Travis Gillum

Human Resources & Decision
Support Systems Branch (HRDS)
Pranch Chief: Frank Buzzini

Branch Chief: Frank Puzzini

Health & Safety Information Technology (HSIT)

Branch Chief: Adam Pinell

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UNIFIED CAPABILITIES PRODUCT LINE (UCPL)

Mission

The Unified Capabilities Product Line (UCPL) delivers capabilities that provide effective and suitable IT and telephony infrastructures to support strategic, tactical, classified, and multinational missions with a broad range of interoperable and secure capabilities for voice, video, mobile, and data services. Through partnerships with sustainment, mission execution, and acquisition divisions, the product line harnesses cutting edge technology to deliver ondemand, real-time access to relevant mission data and tools to the operational and support communities.

19 Systems Supported

Major Systems

- M365 Cloud Productivity Suite and Email
- Mobile Device Management
- Cellular Wireless Management System (CWMS)
- SharePoint (CGPortal and SharePoint Online)
- Telephony (on-premises and VOIP)
- Desktop Office Automation
- Video Teleconferencing (VTC)



Product Line Manager:

CDR David Pizzurro

Product Line Deputy:

Ryan Bellack

UCPL Branches:

Productivity Suite &

Messaging Branch

Branch Chief: LCDR Elron Solis

Mobile & Cellular Branch

Branch Chief: Anthony White

Voice & Video Branch

Branch Chief: LCDR Scott Pratz

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Updated: 2/28/2023

INTELLIGENCE SYSTEMS PRODUCT LINE (ISPL)

Mission

The Intelligence Systems Product Line (ISPL) supports the **systems that enable intelligence operations and activities** to provide timely, relevant and actionable intelligence to shape operations planning and decision-making. This includes serving as the Service Owner and single point of accountability for service development, delivery, support and technical expertise for intelligence systems.

ISPL supports the tactical systems that provide Top Secret level communications to the NCS fleet and Top Secret intelligence systems afloat as well as mission systems providing data resources for ship arrival notification, vessel threat screening and data analytical resources. ISPL also the Coast Guard shoreside JWICS networking and desktop service provider and serves as the IT point of contact for the Intelligence Community.

12 Systems Supported

Major Systems

- Joint Worldwide Intelligence Communication System (JWICS) Intel Mission Systems
- Ship Arrival Notification System (SANS) Intel Info Sys
- Maritime Analytic Support System (MASS) Intel Info Sys
- DHS Cross Domain Solution Intel Information Management
- Intel Tactical Cryptography Afloat (SSEE, NMS)
- Afloat External Communications (ADNS, NMT)



Product Line Manager:

Richard Wellman

Product Line Deputy:

Jeanette Boyd

ISPL Branches:

Intelligence Mission Systems

Branch

Branch Chief: LT Calkins

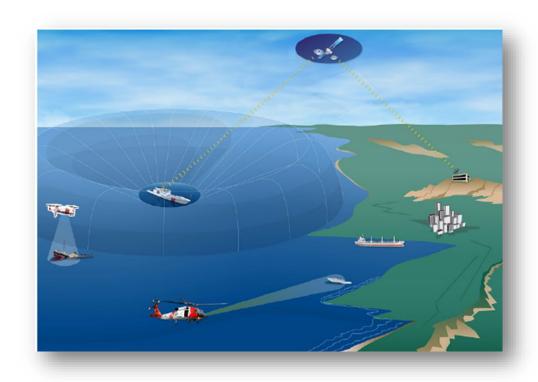
Intelligence Tactical Systems
Branch

Branch Chief: LT Hughes

INTELLIGENCE MISSION SYSTEMS BRANCH (IMSB)

- Branch Chief: LT Marcus Calkins
- Location: Suitland Md.

- Supported Systems
 - Secure Homeland Intelligence Exploitation Liaison Domain (SHIELD)
 - Generic Area Limitation Environment (GALE)
 - TITANIC
 - EIDS / Collibra
 - Maritime Analytic Support System (MASS)
 - Ships Arrival and Notification System (SANS)



INTELLIGENCE TACTICAL SYSTMES BRANCE (ITSB)

- Branch Chief: LT Antwan Hughes
- Location: USCG Base, Portsmouth Va.
- Supported Systems
 - Ship's Signal Exploitation Equipment (SSEE)
 - Cryptologic Carry-On Program (CCOP)
 - Sensitive Compartmented Information Networks (SCIN)
 - Automated Digital Network System (ADNS)
 - Network Management System (NMS)
 - Navy Multiband Terminal (NMT)



Navy Multiband Terminal (NMT)

INFRASTRUCTURE SERVICES DIVISION (ISD)

Mission

The Infrastructure Services Division (ISD) provides and manages the **Coast Guard IT infrastructure** to solve complex problems and establish mobility and cloud connectivity solutions enabling data necessary for mission readiness & execution when and where it's needed.

Functions & Services

- Data Center Infrastructure
- Enterprise Networking & Mobile Connectivity
- Infrastructure Security & Test Environment
- Management of Enterprise Mission Platform (EMP) infrastructure
- Hardware & Software Baseline Configuration Control
- Coordinate Enterprise Hardware & Software Requirements
- Authorize Changes to Approved Hardware & Software Lists



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TACTICAL EDGE REGIONAL EDGE HYBRID CLOUD DATA PROVIDERS Analytics at the Edge Big Data Stored in one or more data lakes Aggregated, transformed, and restructured Collected and Locally Processed Data Analytics on Molded by rules and models Acquired, queued, routed, and orchestrated Data at Rest Used to train and build machine learning Applied with rules and analytic models Applied governance and access controls Applied Artificial Intelligence models **Data Pipeline** Ingested, restructured, and enriched Cached for intermittent connections Rapid Processing of Shared with external mission partners Data in Motion Cloud Enabled Solutions **Endpoints & Sensors** Local Data Pond Seamless Hybrid Secure Cloud Environments **Data Cache** Low Code and Data source with **Edge Micro Clusters Enterprise Data Lakes Analytics Platforms Low Code Platforms** and Transport **Analytics Platforms** trained and specific processing Real-time data analytics Data tagging & classification **Software Factory Mission Apps** Restricted storage **DDIL** hosted mission applications Temporary Storage Limited aggregators Running pre-built AI models **Direct to Cloud** Security monitoring tools Zero Trust boundary controls **NETWORKS Express Route Tactical Network** Accessibility from all locations Individual Data and security domain separation Data and security domain separation connections with connectivity aggregation **Enhanced Commercial SATCOM Enterprise WiFi High Speed Commercial Data Interconnects** Flexible & Resilient Network Paths **Wireless Cutter Shore Ties Zero Trust Segmentation**

C5ISC ISD Transport Services Branch (TSB)

Serves as Service Manager to provide service development, delivery, support and technical expertise for transport services to include enterprise networking, voice telecommunications, and mobile connectivity.

Deployed Connectivity Section (DCS)

- Provides Enterprise Network Connectivity for deployed, mobile and remote customers
- SATCOM Modernization Efforts:
 - 238 USCG Cutters
 - 52 USCG Aircraft
 - 27 Contingency Deployable Assets

Network Section (NET)

- Responsible for worldwide 1000+ LAN/WAN Enterprise Network Coast Guard site, including support engineering and sustainment
- Provide seamless, interopera ble common user IP services for customers with connectivity to DoD, DHS, other mission partners and the public internet

Designated Agency Representative (DAR)

- DAR orders, provisions and sustains telecomms transport circuits
- Manages over 76,000 voice and data circuits CONUS/OCONUS
- Supports WI-FI services at USCG Facilities



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BUSINESS OPERATIONS DIVISION (BOD)

Mission

The Business Operations Division (BOD) provides **business processes & services** to enable the C5I Service Center's Product Lines and Shared Services Divisions to *Deliver Technology Solutions for Mission Success*.

Functions & Services

- Project, Service & Business Relationship Management
- Coordinate depot-level C5I services across all platforms
- Develop & Execute the C5I Service Center's Strategic Business
 Plan
- Provide Risk Management processes, tools & templates
- Support C5ISC Acquisition Development
- Provide C5ISC Acquisition support activities
- C5ISC Vendor Management



BOD Chief:

Tim Strickland

BOD Deputy:

CDR David Pipkorn

BOD Branches:

Service Management Branch

Branch Chief: Eric Bruner

Perf & Process Management Branch

Branch Chief: Ernie Grindle

Project Management Branch

Branch Chief: Keith Rauch

C5I Acquisition Support Branch

Branch Chief: Darby Schlaht

Acquisition Integration Branch

Branch Chief: CDR Steve Myers

Field Coord & Depot Support Branch

Branch Chief: CDR David Pipkorn

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ENGINEERING SERVICES DIVISION (ESD)

Mission

The Engineering Services Division (ESD) provides **engineering process guidance, expertise and technical oversight for projects** managed by C5ISC Product Lines.

Functions & Services

- Establish & enforce standard engineering principles & guidance
- Develop, promulgate & maintain:
 - Change Management
 - Configuration Management
 - Maintenance Management
- Provide service development, delivery, support & technical expertise
- Software & application engineering & sustainment
- Gather, deconflict, & maintain technical information
- Manage technical warranting areas



ESD Chief:

CAPT Andrew Campen

ESD Deputy:

Dave Wolfe

ESD Branches:

Architecture & Standards Branch

Branch Chief: John Edwards

Technical Services Branch

Branch Chief: Bill Fletcher

RF Communications Branch

Branch Chief: LCDR Jon Chapleau

Sensors & Electronics Branch

Branch Chief: CDR Siemiatkowski

Applications Services Branch

applications services Branci

Branch Chief: Jeffrey Stuart

Electronics Repair Facility Branch

Branch Chief: CDR Lisa Garcez

Information Assurance Branch

Branch Chief: Chrishan Francis



ASSET LOGISTICS DIVISION (ALD)

Mission

The Asset Logistics Division (ALD) is the principal advisor to the C51 Resource Council and the first point of contact for budget, logistics, asset and property management and financial reporting internal controls.

Functions & Services

- Spend plan formulation, execution & reconciliation
- Ensure CFO & Anti-deficiency Act compliance
- C5ISC Comptroller
- Establish financial & asset management practices
- Develop IT Asset Management policies & procedures in accordance with DESMF & **MSBM**
- Manage local storage & distribution facilities
- **Procure Hardware & Software Requirements**



Jim Briner

ALD Deputy:

CDR Kelly Deutermann

ALD Branches:

Fiscal Operations Branch

Branch Chief: Jeff Yarosh

Logistics Compliance Branch

Branch Chief: Nicole Solich

Logistics Supply Support Branch

Branch Chief: Lanny Bowman

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Updated: 2/28/2023

WORKFORCE & FACILITIES DIVISION (WFD)

Mission

The Workforce & Facilities Division (WFD) provides general support to the C5ISC Command, Product Lines and Shared Services Divisions including personnel, administration, facilities management, C5I IT systems and equipment support, and command security support.

Functions & Services

- Conduct personnel actions as Commanding Officer of Military Personnel
- Administer human resources functions for the C5ISC
- Oversee installation, maintenance, and modification of IT and electronics systems and equipment
- Manage all C5ISC facility and management requirements
- Track and ensure compliance with training and development requirements
- Provide Command security requirements
- Oversee base physical security, gate guard contract, security clearance, and access processing



WFD Chief:

CDR Allison Wallace

WFD Deputy:

LT David Turay

WFD Branches:

Personnel & Administration Branch
Branch Chief: ENS Hannah Soule

C5I Technical Support Branch Branch Chief: CWO Brian Lawton

Facilities Engineering Branch
Branch Chief: LCDR Aaron DenDulk

Security Branch

Branch Chief: Kenneth Thomas

C5I Office of Contracting and Procurement (CG-914)

Mission

The C5I Office of Contracting and Procurement (CG-914) develops acquisition strategies that deliver affordable solutions meeting mission requirements focused on USCG Command and Control, Computers, Communications, Cyber and Intelligence (C5I).

Functions

- Manage and lead the contract programs for C5I requirements.
- Assign customers and workload to CG-914 Division Chiefs to ensure workload balance.
- Serve as an expert advisor to C5I Mission Partners in matters of procurement planning, strategy and execution.



C5ISC Vendor Management Contact Information

HQS-SMB-C5I-Vendor_Relations@uscg.mil



https://www.dcms.uscg.mil/Our-Organization/Assistant-Commandant-for-C4IT-CG-6-/C5ISC/Vendor-Outreach/

Slides and recording of morning session will be posted on this site and on the TASC Industry Day Presentations Site

https://tasc-tgic.org/Industry-Day-Presentations

C5ISC Industry Day Survey

Please take our Industry Day Survey at the conclusion of your day. Thank you!



Survey Link

C5ISC Opportunities Links



https://apfs-cloud.dhs.gov/



https://sam.gov/