



Ranges, Engineering, and Analysis Department

LEADER IN UNDERSEA TEST AND EVALUATION AND FLEET TRAINING



NUWC Industry Day

Ranges, Engineering, and Analysis Department

(Code 70)

Presented by

Mr. David Iacono

Ranges, Engineering, and Analysis

Deputy Department Head

16 October 2024



Code 70 - Ranges, Engineering and Analysis

Code 70 provides a full spectrum of engineering resources to enhance undersea warfare through the application of simulation-based design, range development, engineering analysis and design, prototype fabrication, test and evaluation, readiness and training in both simulated and in-water environments.

Code 70 Vision: Be the recognized leader for undersea test and evaluation and fleet training

Ranges/Facilities



AUTEC



NBTF



SENECA LAKE



DODGE POND



SURVIVABILITY



ISE/METCAL

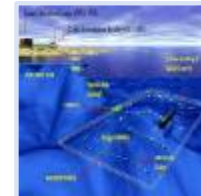


SESEF



US/NATO FORACS

Technical Expertise



UNDERSEA RANGES



OCEAN SCIENCES



STRUCTURAL
MECHANICS



MARINE MAMMALS



R&ME



SYSTEM SAFETY



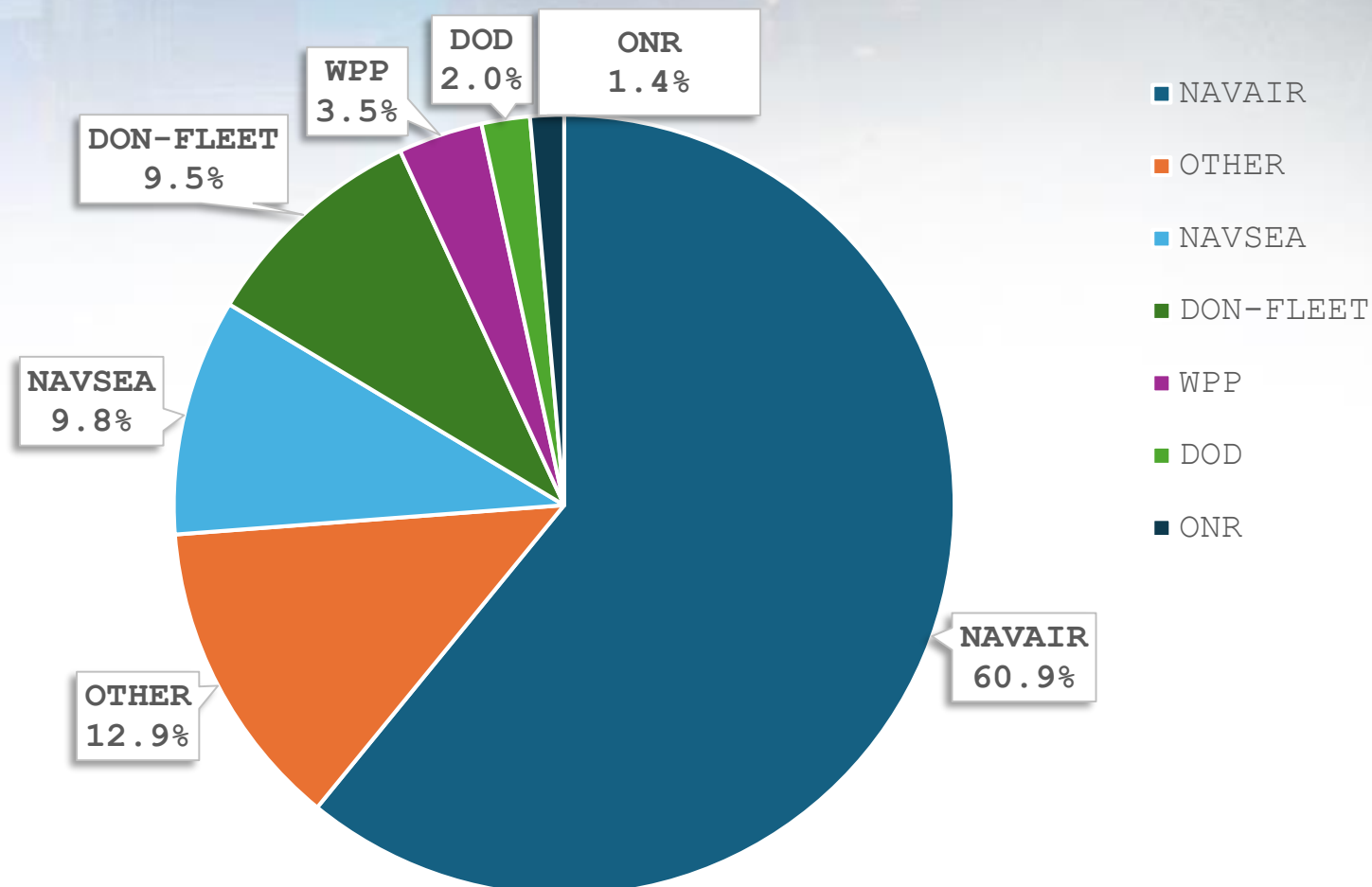
WATERSIDE
SECURITY



AIST



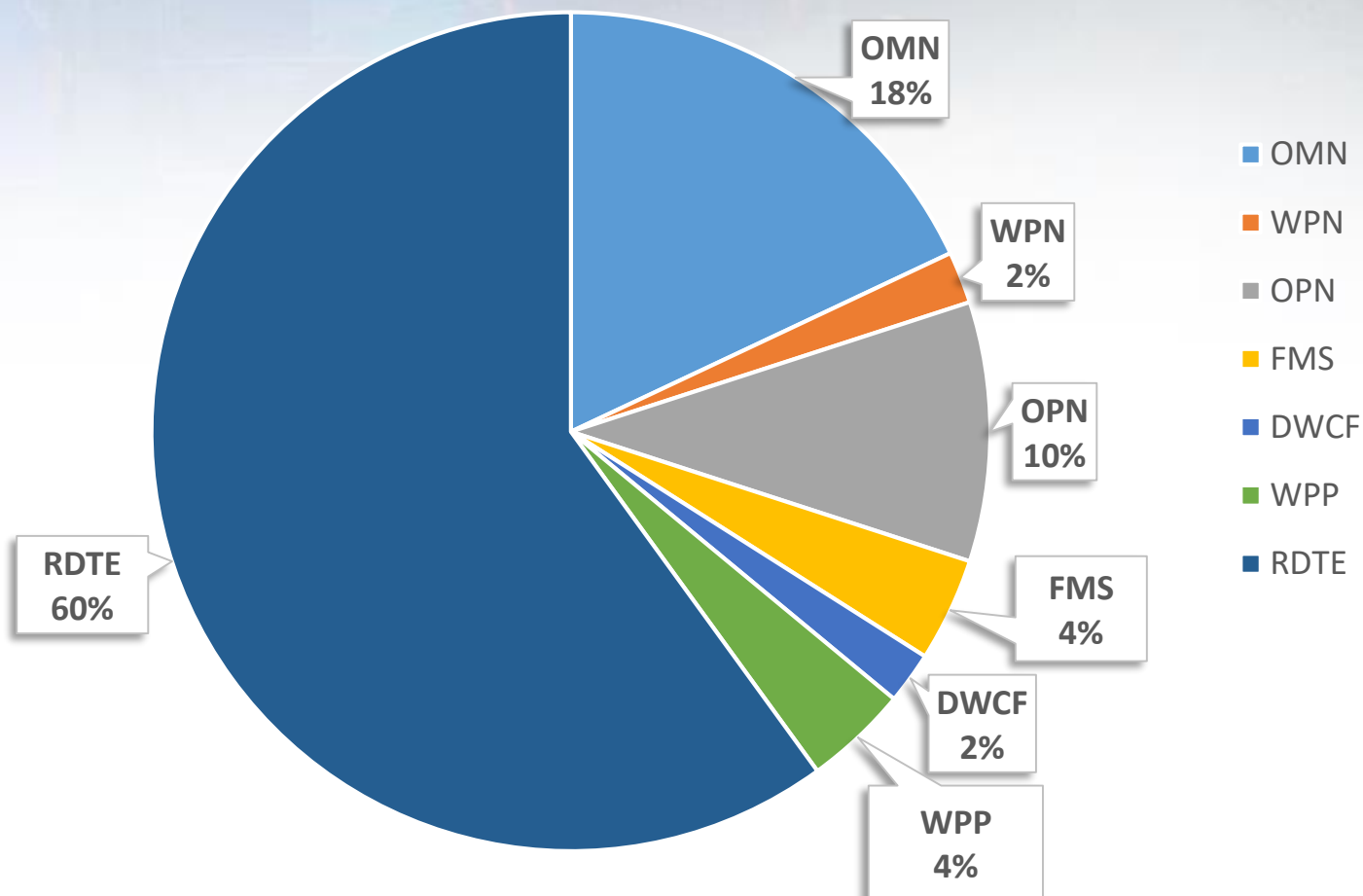
FY24 Funding Profile (Funding by Sponsor)



Total Funding Profile - \$148 Million



FY24 Funding Profile (Funding by Appropriation)



Total Funding Profile - \$148 Million



Current Code 70 Major Service Contracts

- Amentum Services, Inc. (*expires December 2031*)
 - AUTEC Maintenance and Operations (M&O)
 - Scheduling and conduct of test programs on range
 - Operation and maintenance of range instrumentation and test support systems
 - Performance of all base operations functions at AUTEC on Andros Island
- Purvis Systems, Inc. (*expires September 2025*)
 - AIST Program Support
- Systems Resource Management, Inc. (SRM) (*expires May 2028*)
 - Industrial Services Enterprise Technicians and Machinists
- KMS Solutions, LLC (*expires September 2028*)
 - NBSWTF M&O Support
 - Seneca Lake/Dodge Pond M&O Support
 - Narragansett Bay Diving Services
- Goldbelt C6, LLC (*expires June 2025*)
 - Calibration Laboratory Support



Current Code 70 Major Service Contracts (cont'd)

- Seaward Services, Inc.
 - Operational Support Services for Ocean Testing
 - Oceanetics, Inc.
 - Operational Support Services for Ocean Testing
 - Metson Marine Services
 - Operational Support Services for Ocean Testing
- Multiple Award Contract
(*expires May 2025*)
- GSTEK, Inc. (*expires January 2025*)
 - SESEF
 - M&O Support on site at Norfolk, Mayport and Rota
 - Training at the other sites
 - LMR Technical Group (*expires January 2028*)
 - Program Management, Financial Management and General Equipment Support Services

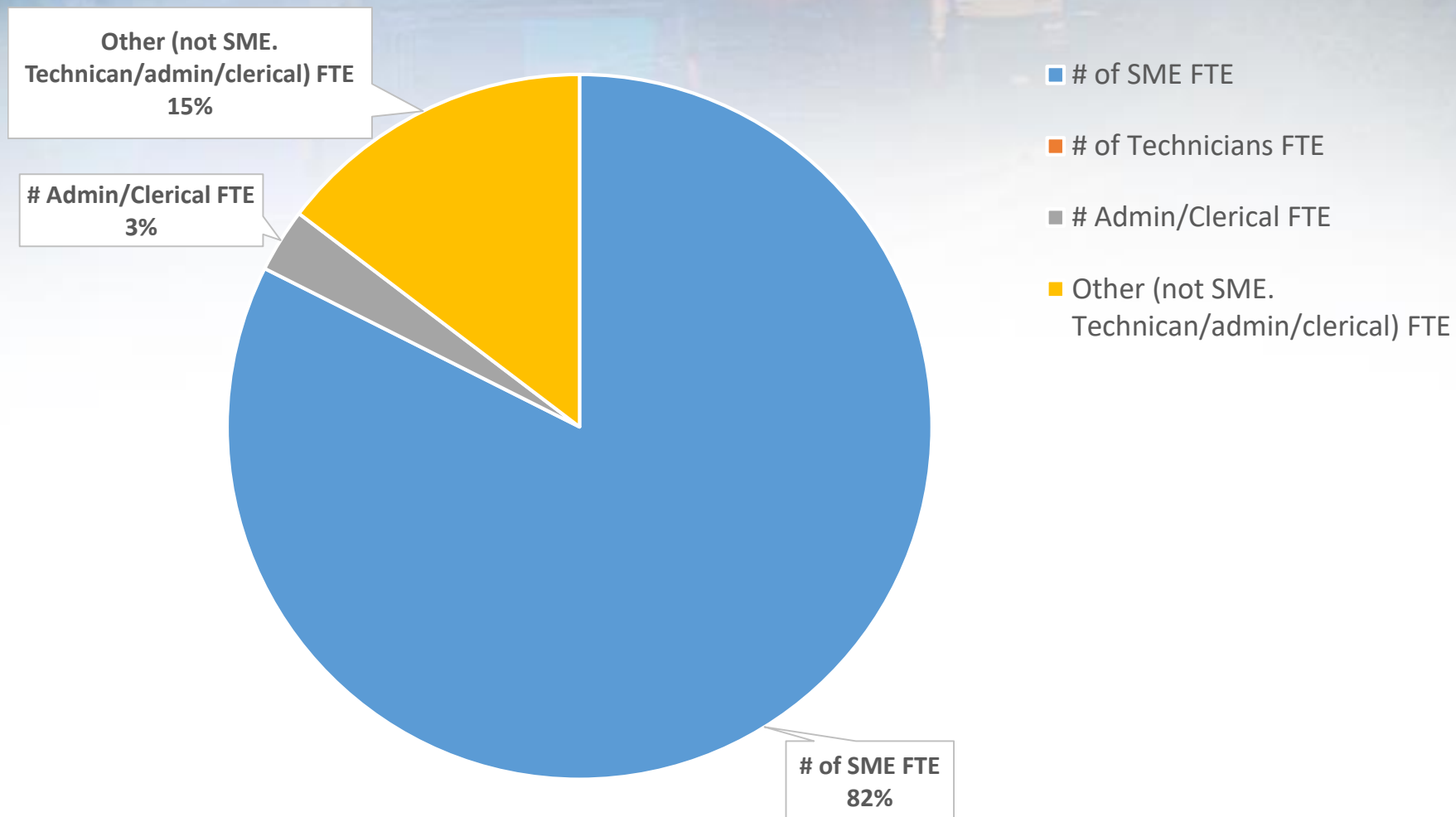


Current Code 70 Major Service Contracts (cont'd)

- L-3 Communications, Division Maripro (*expires June 2024*)
 - In-water Sensor (IWS) System Maintenance, Repair and Upgrade for Undersea Ranges
 - KMS Solutions, LLC
 - Engineering & Technical Support Services (*expires February 2027*)
 - System Safety and Reliability and maintainability Engineering Support Services (*expires July 2026*)
 - Mikel, Inc. (*expires April 2025*)
 - Codes 70, 25 & 15 Joint Contract – Submerged Acoustic Navigation System (SANS) SBIR Phase III
 - Sonalysts, Inc. (*expires October 2027*)
 - Codes 70, 15, 34, 45 & 85 Joint Contract – Acoustic and Shock Modeling
 - Foundation for Marine Ecology and Telemetry Research. (*expires February 2027*)
 - Marine Mammal Studies
- } Solicitation closed 7/2024

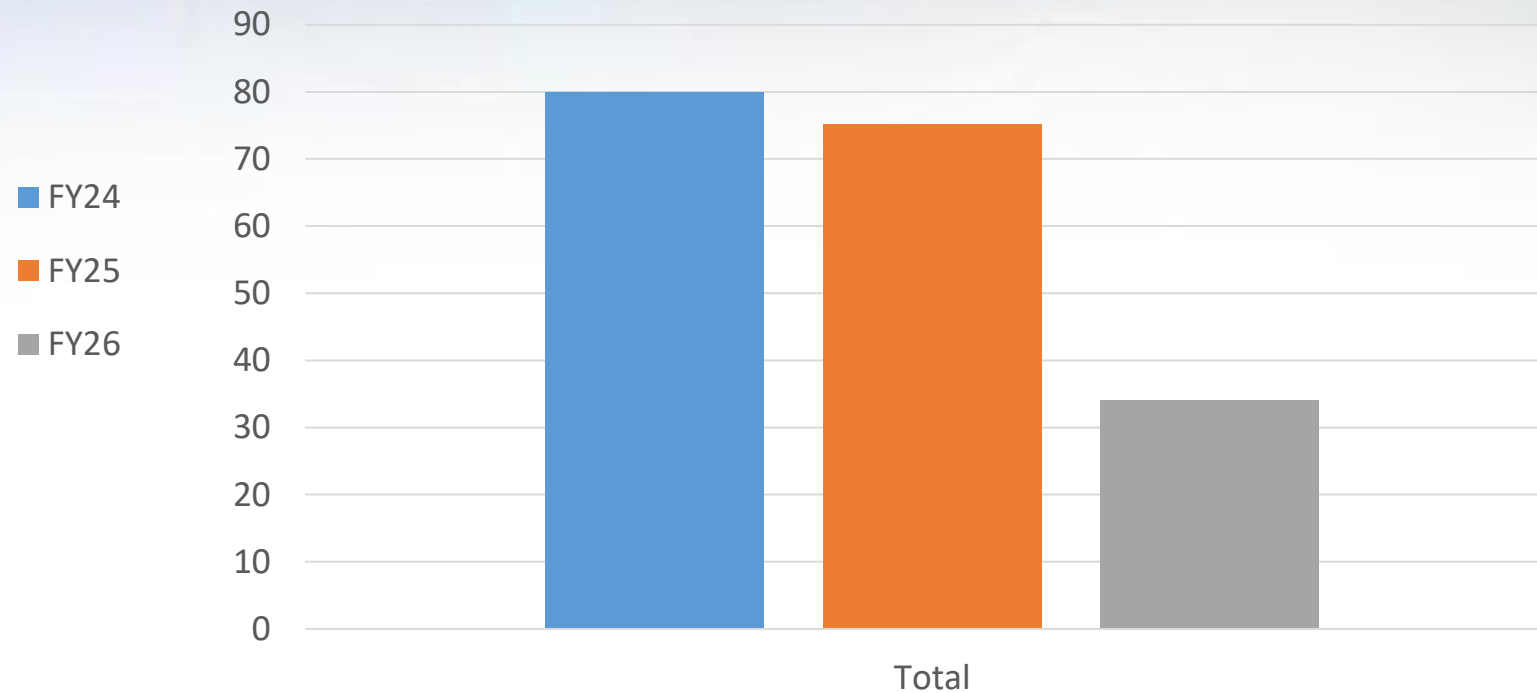


Contractor Personnel Profile





Projected Major Services Contracts FY24-FY26 (\$M)





Code 70 Projected Contracts (FY24)

Contract #	Title	Estimated Value (w options)	Incumbent	Seaport	Follow-On	Current Contract Type	RFP Released	Strategy
N66604-19-D-A900	Range Sustainment	\$73M	L3 / Maripro	N	Y	CPFF	May 2024	Competitive
N00178-14-D-7737/ N6660420F3901	SESEF M&O Support Services	\$7M	GSTEK Inc.	Y	Y	FFP / CPFF	April 2024	SBSA



Code 70 Projected Contracts (FY25)

Contract #	Title	Estimated Value (w options)	Incumbent	Seaport	Follow-On	Current Contract Type	Estimated RFP Release	Strategy
N66604-20-D-H001	SANS / PUTR II Support	\$38M	Mikel Inc.	N	Y	CPFF	Oct 2024	Sole Source
N66604-20-D-N000	NUWC Calibration Laboratory Services	\$3.1M	Goldbelt C6, LLC	N	Y	CPFF	March 2025	8(a)
N00178-19-D-3861/ N6660420F 3009	AIST Support Services	\$8M	Purvis Systems, Inc.	Y	Y	FFP / CPFF	Feb 2025	SBSA
N66604-20-D-M001, M002, M003	Operational Support Services for Ocean Testing (MAC tri-award)	\$26M	Seaward Services Inc., Oceanetics Inc, Metson Marine Services	N	Y	CPFF	Feb 2025	Competitive



Code 70 Projected Contracts (FY26)

Contract #n	Title	Estimated Value (w options)	Incumbent	Seaport	Follow-On	Current Contract Type	Estimated RFP Release	Strategy
N00178-19-D-7979 / N6660421F3006	Systems Safety Support	\$34M	KMS Solutions, LLC	Y	Y	CPFF	Jan 2026	SBSA



Summary

- The Ranges, Engineering, and Analysis Department operates a number of ranges, facilities and service centers
 - Contracts are used for M&O support
- Undersea Range System Development and Engineering Support to Other Departments
 - Contracts for General Engineering Support, Prototype Systems Fabrication & Testing, System Safety and Cybersecurity
- In-water Sensor System contracts
 - Maintenance/Repair/Upgrade for existing systems
 - New IWS systems for new and existing locations



Contact Information

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