

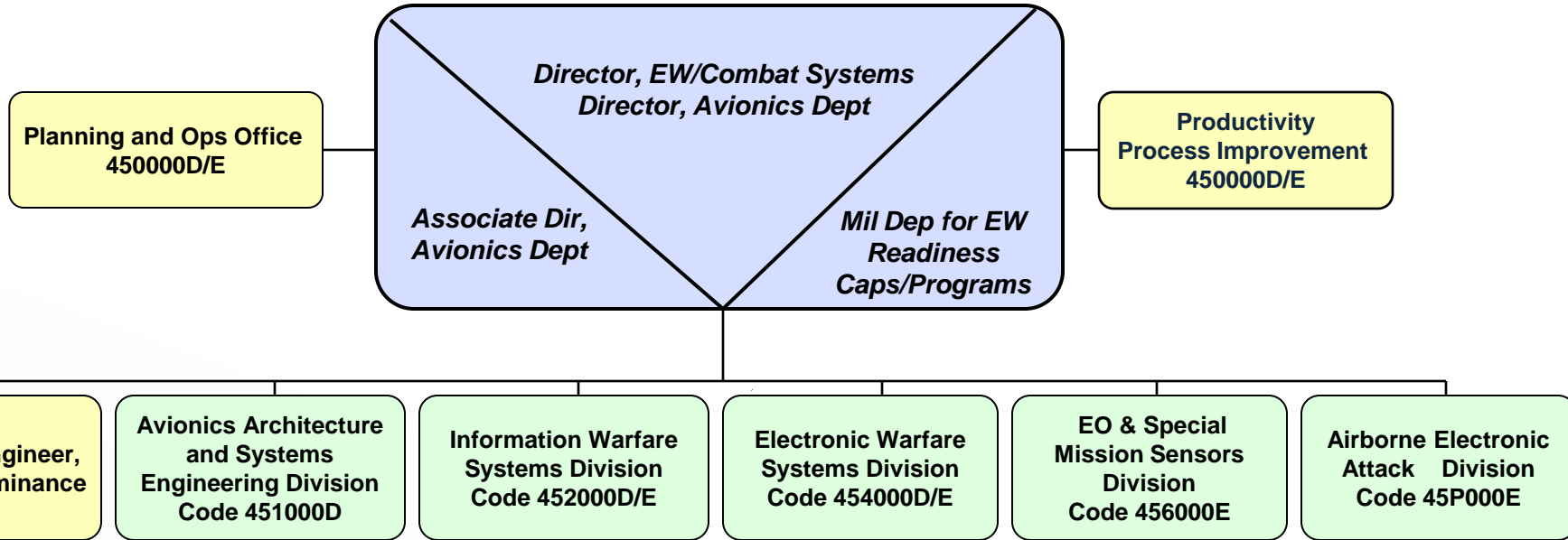


Avionics Department 4.5

John Cranney
452 Information Fusion Technology Lead



450000D/E Organization





Avionics Department Vision and Intent





Avionics Department Strategic Thrusts

- **Next-Generation Electronic Warfare**
- **Irregular and Asymmetric Warfare**
- **EW Battle Management and Integration and Interoperability**
- **Unmanned Systems EW/EC Payloads**
- **Mission Planning**
- **Mission Data Engineering**
- **Sensor Technology and Target Recognition**
- **System, Threat, and Environment Modeling and Simulation**
- **Aircraft Survivability**



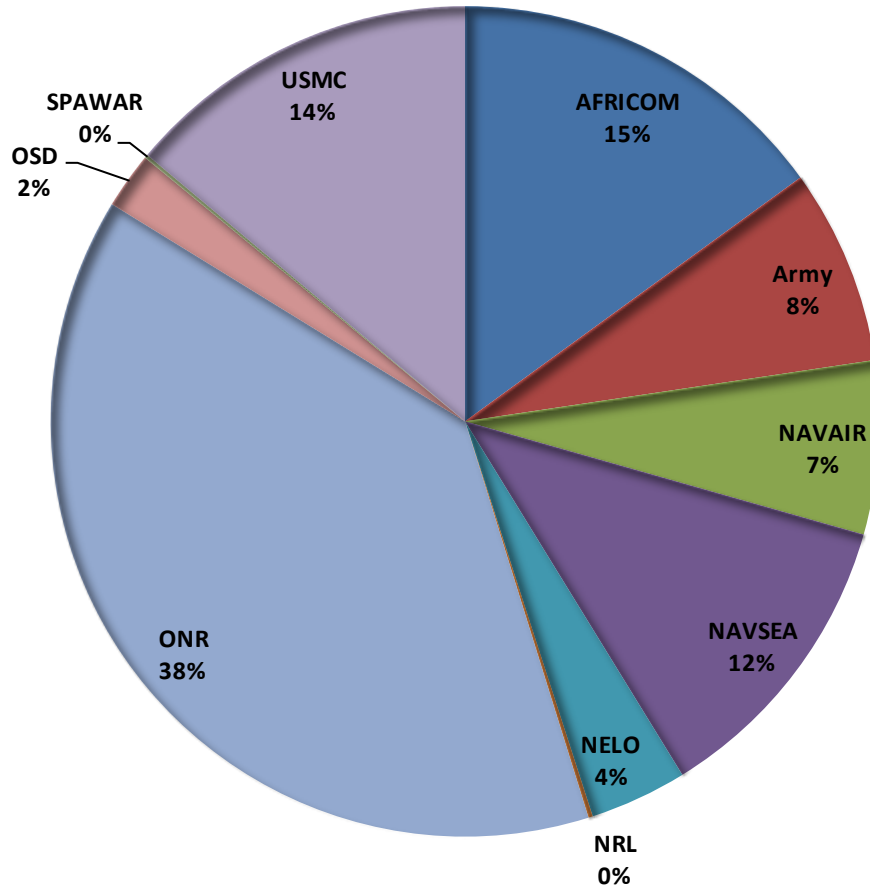
Products and Services

- 451000D** Engineering support to weapons and sensors integration programs
- 452000D** Sensor and sensor signal processing applications, signals intelligence
- 452000E** Mission Planning and EW Database Support
- 454000E** Defensive EW Systems Support
- 456000E** T&E of Flare Systems, Signature Measurement
- 45P000E** Electronic Attack System Support



45200D/E FY12 Customers

FY12*

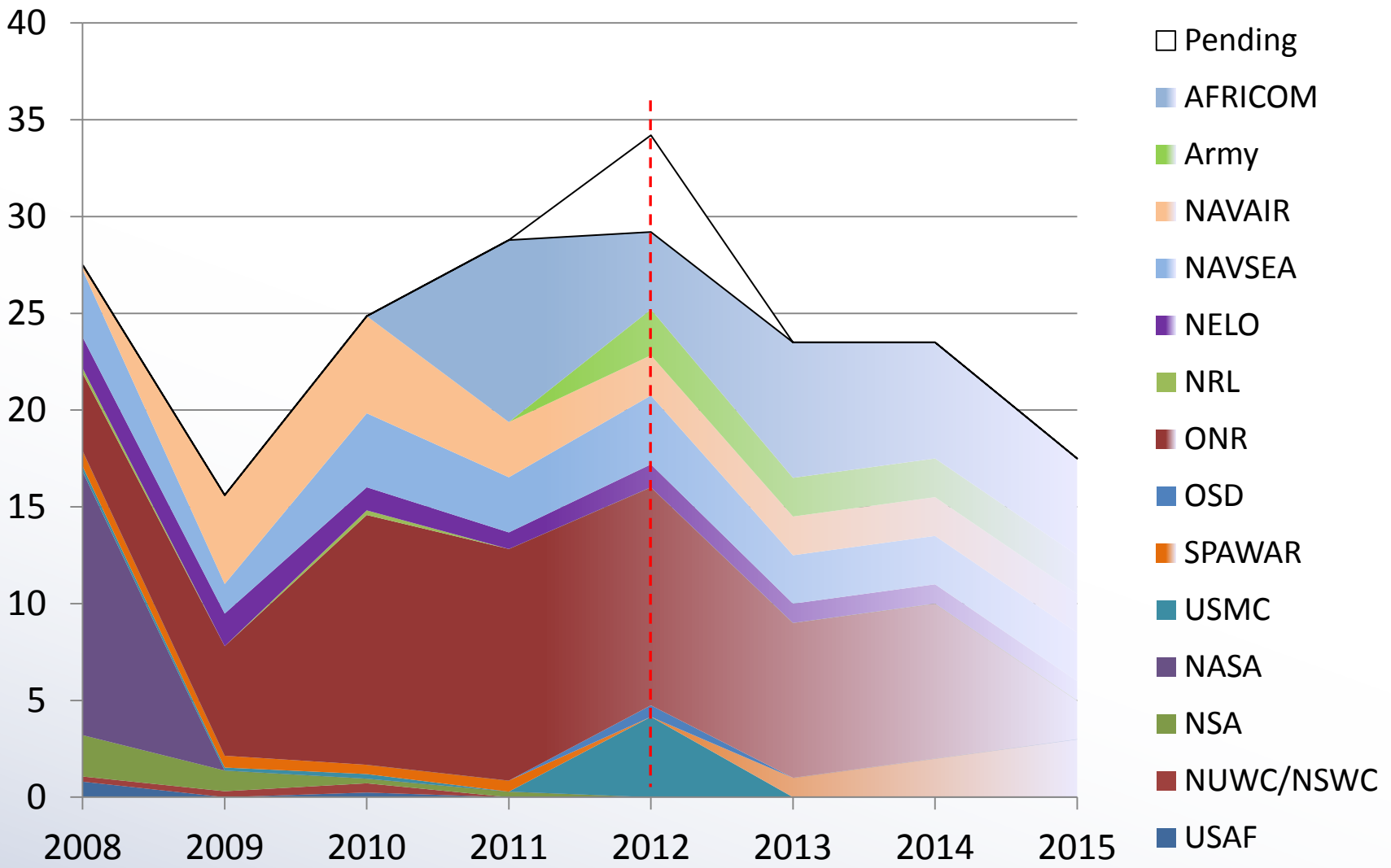


*More funding is in work

Total \$: \$29.65M



452000D Funding





Data Sharing / Information Fusion



Description Summary of Program Requirements

Conduct systems engineering, research and development in data sharing and information fusion technologies as clarified in task orders.

The right problem statement (the technical objective): Conduct systems analysis to develop, federate, and vet DODAF Enterprise Architecture and documented statements of warfighter needs (OCDs, Capabilities).

Viable technical solutions: Conduct systems engineering to develop the necessary and sufficient functional performance requirements of systems that will meet the objective capability needs. Conduct analysis of COTS solutions against requirements, document requirement compliance, sufficiency and issues anticipated and how the capabilities are achieved or impacted as consequence thereof. Recommend ways forward. As approved & funded, pursue improvements in current systems or new approaches to achieve objectives. Conduct integration, testing, deployment and sustainment support of systems.

- IDIQ MAC
- Full and Open
- CPFF

- 3 Years
- Task Orders as needed

1st Qtr FY 13



RFP
Release

4th Qtr FY 13



Contract
Award

Point of Contact

NAWCWD Public Affairs Office
Code 750000D
1 Administration Circle
China Lake, CA 93555-6100
CHLK-WDSiteContent@navy.mil

Funding

- \$10M - \$50M
- RDT&E, APN, Production, O&M

Incumbent Contractor Current Contract Number

- GDC4S N68936-09-D-0005
- LM N68936-09-D-0006



Q&A

Questions and Answers Information Exchange

***The reason we're here!
Raise your hand and we'll bring
you a microphone***