

A cosmic background featuring a starry field, a blue nebula, and a large reddish-brown planet on the right side.

**NASA/MARSHALL SPACE  
FLIGHT CENTER**

**JOINT COUNSELING SESSION**

**May 25, 2021**

***JRC Integrated Systems, Inc.***

# Background

<b>COMPANY NAME:</b>	JRC Integrated Systems	<b>ADDRESS:</b>	1201 M St SE, Suite G40 Washington, DC 20003		
<b>OWNER:</b>	Tony Jimenez	<b>CONTACT NAME:</b>	John Buckley		
<b>EMAIL:</b>	john.buckley@jrcisi.com	<b>YEARS IN BUSINESS:</b>	17		
<b>CAGE CODE:</b>	3QQY3	<b>DUNS NUMBER:</b>	142300222		
<b>WEB SITE:</b>	<a href="http://jrcisi.com">JRC Integrated Systems   Advanced Integrated Services (jrcisi.com)</a>	<b>NAICS CODES:</b>	541330	541519	541990
			541219	541611	561210
			541511	541614	611430
			541512	541690	611699
			541513	541715	

**CERTIFICATIONS (e.g., ISO 9001, AS 9100, etc.): CMMI Maturity Level 2 for Integrated Research and Development (IR&D) Programs**

# Business Size & Classifications

<b>EMPLOYEES (range):</b>	<b>100-500</b>
<b>AVERAGE SALES (range):*</b>	<b>\$30-41.5M</b>

<b>CLASSIFICATIONS (select from list below):</b>	<b>Yes/No</b>
<b>SMALL BUSINESS</b>	X
<b>SMALL DISADVANTAGED BUSINESS</b>	
<b>NATIVE AMERICAN-OWNED</b>	
<b>ALASKAN NATIVE CORPORATION</b>	
<b>WOMEN OWNED</b>	
<b>ECONOMICALLY DISADVANTAGED WOMEN OWNED</b>	
<b>VETERAN-OWNED</b>	X
<b>SERVICE DISABLED VETERAN OWNED</b>	X
<b>HUBZONE CERTIFIED</b>	
<b>8(A) CERTIFIED</b>	
<b>8(A) EXPIRATION DATE (if applicable)</b>	

\*Based around NAICS 541XXX





# Primary Capabilities

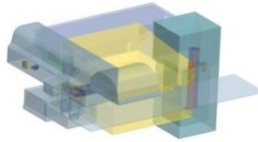
- Systems Engineering and Integration Support
- Integrated Test and Operations
- Program Management Planning Services
- Acquisition Management
- Business/Financial Management
- Facility and Missile System Integration Support
- Cybersecurity and Information Technology
- Integrated Logistics Planning
- Foreign Military Sales



# System Engineering Project Experience

## ➤ Strategic Weapons System (SWS) Ashore Integrated Test Facility

- Operational Concept Development
- SWS Ashore Technical Baseline
- SWS Ashore Interface Requirements
- Integrated Test Program Plan
- Integrated Test Requirements
- 3D Modeling Capability
- Integrated Security Program for ground-based system
- Integrated Facility Operational Procedures



## ➤ Model Based Systems Engineering (MBSE) for Nuclear Weapons Security

- Comprehensive Requirements Management
- DoD Architectural Framework
- C4I Infrastructure Interface across multiple domains
- Interagency Cryptographic commonality and common operation
- Common Operational Picture (COP) Blue Force Tracking (BFT) Solution

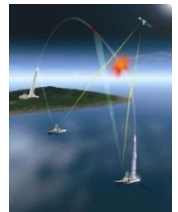


## ➤ Launcher Test Facility

- Facility Design Criteria
- Coordination with NAVFAC
- Integrated Test CONOPS Development
- Requirements Allocation and Facility Planning
- Integrated Test Program Plans
- Integrated Facility Operational Procedures

## ➤ Missile Defense Agency (MDA)

- Aegis Ashore System Engineering and Integration
- Aegis Program Management
- Radiation Hardening SME
- C2BMC Technical Assessments
- C2BMC Requirements Spec.
- C2BMC Network Survivability
- C2BMC Architectural Approach Assessments
- THAAD War Games and Exercises
- THAAD Ground Test Execution



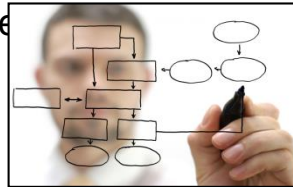
**JRC Delivers Systems Engineering Solutions Across Domains and Across Functions**



# Program Management Highlights

## ➤ Program Management Planning

- Business Case Analysis
- Cost Estimating and Cost/Benefit Analysis
- Program Management Plans
- Integrated Master Schedules
- Risk Management
- GFE/GFI Management
- Configuration Management
- Supply Chain, Inventory and Provisioning



## ➤ Acquisition Management

- Program Compliance (FAR/DFAR, DoD 500 and DoD 5000.2 and applicable guidelines)
- Acquisition documentation
- DRAFT Task Orders, Technical Instructions and Statements of Work
- CDRL Delivery Management
- Source Selection Support
- Contract Analysis



## ➤ Business/Financial Management

- Budget Preparation and Justification
- Cost Estimating and Cost/Benefit Analysis
- Earned Value Management (EVM)
- Oversight Communication (Flag, OSD, and Congressional Briefings)
- Source Selection Support
- Administrative Support



## ➤ Foreign Military Sales (FMS)

- FMS and EDA Case Management Support
- International Cooperative Agreements
- Weapon System and Equipment Training
- Comprehensive project planning
- Foreign military coordination
- DSCA Data Analytics



**Proven Program Management: All Acquisition Phases, Diverse Customers**





# Facility and Weapon System Integration Support

## ➤ System Integration

- Communication Systems Installation and Integration
- Hull Mechanical and Electrical Interface (HM&E) Design
- Design Lead for Solid State Radar Integration
- Mechanical Systems Interface
- Systems support calculations

## ➤ Design Support

- Design Center Support for Aegis Ashore Program of Record
- Interface Experts
- Facility Design Review Support

## ➤ Program Management:

- On site Support to Facility and Program Leaders (Hawaii, New Jersey, Romania, Poland, Florida)
- Progress Reporting on all systems (Installation and Construction)

## ➤ Systems Test and Verification

- Government Acceptance Support
- Transition from developer to Lead Service Support



**Demonstrated Expertise in Design, Interface and Missile System Integration**



# Cybersecurity and Information Technology Project Experience

## ➤ Enterprise Information Architecture Transformation

- Management and implement digital transformation of SSP program information
- Define business processes supported
- Define personnel organizations supported
- Define technology interfaces
- Develop user interface for locating, accessing and managing enterprise information.

## ➤ Software Capability & Experience

- Languages: C#/.NET, C/C++, Java, Python, Progress, SAS, Fortran, COBOL, VB, J2EE
- Operating System Technologies: Windows, Linux/Unix, VxWorks, CICS, IMS, RTEMS
- Database Development: Oracle, SQL Server, DB2, UDB, Informix, Sybase, MySQL



## ➤ MDA Computer Network Defense

- TOP SECRET CND Support
- CND policy writing and implementation
- Architecture and design
- Vulnerability management
- Four-horsemen defense
- Network and host management
- Vulnerability scanning and continuous monitoring

## ➤ Joint Cyber Analysis Course (JCAC)

- Direct Instruction and Curriculum Development in:
  - Computer Network Operations
  - Computer Network Defense
  - Computer Network Attack
- Advanced Programming
- Advanced Windows Operations, Applications, and Programming
- Advanced Windows Scripting

## ➤ Cybersecurity Support

- Cybersecurity requirements management
- Cybersecurity requirements verification and validation

**JRC Delivers Systems Engineering Solutions Across Domains and Across Functions**





# Current and Recent Contracts/Performance ( < 5 years )

## JRC as Prime:

### **Navy Strategic Systems Programs (SSP) Ballistic Missile Program Support**

- SP 27: N0003016C006: D5 Submarine Launched Ballistic Missile (SLBM) Weapon System Flight Test Operations & Frequency Assignment Support (POP Complete)
- SP22: N00030-18-C-0006: ALDP Systems Engineering Support (POP Complete)
- SP30: N00030-16-C-0020: Nuclear Weapons Security (NWS) R&D, Technical, Facilities, and Project Management Support (POP Complete)
- SP26: N00030-19-C-0031: Columbia Submarine Tech Services & Program Support (Ongoing)
- SP 22-27:N00030-21-C-1006: Launcher Systems, US Columbia & UK Dreadnought Launcher Development (CLDP), Equipment Overhaul, Weapon System Flight Test Operations, Trident II Missile Life Extension Studies/Missile Trade Studies Support. (Ongoing)
- SP30 Follow-on: N00030-21-C-1020: Security, Programmatic, Technical Management, NWS R&D, Program Management Office (PMO) NWS/SWS, & Launch Area Support Ship (LASS) Support (Ongoing)

### **NSWC Crane Support**

- N00178-11-D-6596/FC01: SWS Ashore & MDA Aegis Ashore w/THAAD Support (Complete)
- N0017819D7934-F3009: MDA Aegis Ashore Poland & Japan, DV Hypersonics, & THAAD support (Ongoing)
- N0017819D7934-F3017: SWS Ashore Shipyard Test Installation Program & Dreadnought Support



# Current and Recent Contracts/Performance ( < 5 years )

## JRC as Sub:

- Sub to Bowhead: USGC FMF Support
- Sub to Axxeum: DTRA DIAMONDS & DTRA DSMS Support
- Sub to Dell/NTT: NAVSEA Systems Command Team Sub Enterprise-Wide Support
- Sub to SAIC: CPS Hypersonics; Strategic Missions Systems Division (GXT) Engineering & Admin Support
- Sub to Parsons: TEAMS BMD SE, Facilities, WMSE & C3BM Support
- Sub to SPA: Nuclear Weapons Surety Support



# NASA Value - Quad Chart

Safety and Mission Assurance Services  
Marshall Space Flight Center (MSFC) Opportunity

## Problem(s):

- Identifying, tracking and maintaining Configuration Management (CM) of all Ground Support Equipment (GSE) per mission requirements and NASA safety requirements has been problematic

## Company Solution:

- JRC created and Asset Tracking Program (ATP) used for tracking the maintenance status and availability for all Armored Fighting Vehicles (AFV) at the Strategic Weapon Facilities (SWF) Atlantic and Pacific (SWFLANT/SWFPAC). JRC will leverage this operational database to enable CM of the NASA GSE.

## Value:

- Configuration Management of disparate systems is challenging, but with the right tools and the right people to provide oversight, true CM is achieved, and program operations are more efficient resulting in realized cost savings.

## Status of Solution:

- Today, JRC hosts the existing ATP on our internal services through approved security agreements with our customers. JRC's software development team is capable of quickly modifying our existing tool to track, management, and provide CM of the GSE diagrams, plans, schedules, procedures, and documentation.
- Proof point; JRC modified our ATP to create a tracking system for the Shipboard System Program Management Office (SPS PMO) that tracks the status of all incoming and outgoing Contract Deliverables from the Prime Contractor to the PMO, through the PMO engineering processes.





# Awards/Notable Accomplishments

- **TOP WORKPLACE AWARD WINNER BY WASHINGTON POST**
  - 2014, 2015, 2016, 2017, 2018, 2019, 2020
- **GREATER WASHINGTON'S BEST PLACES TO WORK BY WASHINGTON BUSINESS JOURNAL**
  - 2014, 2015, 2016, 2017, 2018, 2020

# Principle Point(s) of Contact

<b>NAME</b>	<b>TITLE</b>	<b>PHONE</b>	<b>EMAIL</b>
<b>John Buckley</b>	Business Development Analyst	202-578-3044	john.buckley@jrcisi.com
<b>Mark Sferra</b>	Business Development Manager	410-474-2792	mark.sferra@jrcisi.com