



## The IntegrITS Weekly Digest



# Operational Excellence

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## Welcome to this week's edition of *The IntegrITS Weekly Digest*.

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One of the things that impresses us as we observe the expertise held by many members of the IntegrITS Family is their ability to apply that expertise in various situations and locations. We have discussed the high value we put on innovation as a Company, and key skills involved in innovation are critical thinking, flexibility, and the ability to pivot and apply one's knowledge under new conditions.

In today's Operational Excellence, we are featuring an IntegrITS Team who crossed an ocean, went from working on "land" to "sea," and applied their expertise in a way that impressed us and the Customer. The IntegrITS MARSS Installation Team traveled from Edwards Air Force Base (EAFB) to Pearl Harbor, HI to support the MARSS Project, a Missile Defense Agency (MDA) sponsored Telemetry and Range Safety System being installed onboard PMRF's Mobile AT-sea Sensor System (MATSS).

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# Operational Excellence: The IntegrITS MARSS Installation Team

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## Team Members:

The IntegrITS MARSS Installation Team is a hand-selected team of four top-notch Infrastructure Installation Experts from the IntegrITS Infrastructure Section at Edwards AFB. The Team includes Andrew Valencia and Daniel Iverson from Main Base, and John Grady and Garrett Jew from South Base.

## Location:

Onboard PMRF's Mobile AT-sea Sensor System (MATSS) vessel  
Pearl Harbor, Hawaii



We asked Steve Fox (COO) to answer a few questions about the MARSS Installation Team's work:

## How would you describe the work the MARSS Installation Team does?

The Pacific Missile Range Facility (PMRF) is five months into its 18-month schedule to restart and complete the MARSS Project on its MATSS vessel. The initial three years of the Project included \$13M to design, develop, and begin the initial equipment installation. The COVID-19 Pandemic stopped the project for approximately three years. PMRF has received \$7M to complete the equipment installation, install all the required cabling, and test the system in-port and at-sea for operational use. The IntegrITS MARSS Installation Team is a key member of PMRF's MARSS Project Restart Team. They are responsible for installing all the Low-Smoke Zero-Halogen (LSZH) Shielded Cat6a; 240 Ohm and 75 Ohm J1855-P RF; and Fiber Optic Multi-mode cabling **for all the equipment in the 32 racks that make up the MARSS System.**



Command Transmitter Systems (CTS) Equipment & Operator Work Station | Racks 18-22





Missile Flight Safety Officer (MFSO) and Assistant Missile Flight Safety Officer (AMFSO) Work Stations | Racks 27-30

Common Network System (CNS) | Racks 31-32

The MARSS Installation Team removed all the temporary cabling installed to support preliminary Installation and Checkout (INCO) for the Range Safety system, and installed over 35,000 feet of Cat6a cabling and over 20,000 feet of J1855-P RF cabling. This installation effort included: cutting cable lengths, routing cabling through overhead cable runs, bundling, labeling, terminating, testing, connecting all cabling to the appropriate equipment, and then testing again with hardware in the loop. This effort also includes the appropriate cable management to ensure the installation looks organized and professional.

The MARSS Installation Team has also assisted the MARSS Project's Lead Systems Engineer and Network Engineer with equipment relocation and re-racking as required to support the final MARSS hardware configuration.

## **Tell us about an accomplishment that makes you proud of the Team.**

The IntegrITS MARSS Installation Team is accomplishing an installation effort that was originally budgeted to take 5-6 Network/RF Engineers and 7-8 field technicians, over a period of 10-12 weeks.

**The MARSS Installation Team has been accomplishing this same tasking with four “top notch” Field Technicians in half the time!** And they are doing so in an very professional manner. Their work has received continuous praise from PMRF’s Deputy Technical Director (DTD) and the Missile Defense Agency (MDA) Director of Test Resources (DTR) on his recent visit to MATSS.

## **What is something you wish the whole company knew about the Team?**

The IntegrITS MARSS Installation Team has extensive experience with infrastructure installation support services in a “shore”, “building” environment. The MARSS System is located on the second deck of the PMRF MATSS vessel (floating barge) which is totally different and “a first” for the Team. While the work area is a lot smaller than some of the huge multi-story buildings at Edwards AFB, the MARSS System is significantly different than the network systems the Team is used to working with.

The MARSS System is a complex, real-time, live RF system that provides mission critical Range Safety support services for DoD weapon programs that support the Nation’s security. The outstanding support the IntegrITS MARSS Installation provides is critical to the MARSS Project, and they are continuing IntegrITS’ reputation of providing quality services to our Customers and our country’s Warfighters.

## **Tell us about any developments on the horizon in the Team’s area of work.**

This is a one-time project for the MARSS Installation Team, but given all their excellent work, I have been asked about their availability to do similar work on other PMRF projects! ***Great Work Produces Great Opportunities!***

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Andrew, Daniel, John, and Garrett, to say that we are proud of you is an understatement. Your willingness to leave your usual workspace, fly across the ocean, and work in an unfamiliar environment is commendable. Then you took it a step further and wowed the Customer with your efficiency, professionalism, and the overall excellence of your work. It speaks volumes that they are already asking when you can come back and support other projects. You have truly embodied the IntegrITS Mission and made us more than proud. Bravo Zulu!



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**The IntegrITS Climate Pulse Survey Remains open for your feedback through November 1st!!!**

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Thank you to everyone who has completed the survey thus far.

**If you have not already done so**, please use the following link to provide your input: <https://www.research.net/r/IntegrITS2022ClimateSurvey>.

Insperty has let us know that, as of Tuesday, 21% of employees have completed the survey. We need a minimum of 70% response rate for a representation of the IntegrITS Climate. Help us get this number to 100%!

PLEASE NOTE: If you have technical trouble with the link, contact Richard Bromley, Project and Assessment Consultant for Insperty, at [richard.bromley@insperty.com](mailto:richard.bromley@insperty.com).

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## Tip of the Week

Don't forget about the [Community Online Academy \(COA\)](#) and the classes they offer every Thursday. Be on the lookout for special holiday classes as well. For example, this morning at 11am PDT there is a class on making your own chocolate candies for Halloween. Click [here](#) to view.

## \$\$ Employee Referral Bonus Program

Don't forget that our new Employee Referral Bonus incentive continues through this last quarter of 2022. At the end of each quarter, we are acknowledging the two people who have referred the most prospective employees who made it to the interview process. These two people will each be given a \$500 gift card. We will also enter all employees who refer a job applicant into a raffle, with the winner receiving a \$250 gift card. Check out Q3's winners [here](#).

*As of today, we have quite a long list of openings across multiple IntegrITS locations ([IntegrITS Opportunity Central](#)). **Let's work together to find the best candidates for these open positions:***

<b>San Diego &amp; Chula Vista, CA</b> Acquisition Specialist DBM Specialist - Mid Gun Weapon Technicians Integrated Master Scheduler – Jr Logistics Analyst Program Management Analyst Program Management Specialist – Jr	<b>Edwards Air Force Base, CA</b> Infrastructure Engineers Techs II & III Programmers I, II, III Systems Administrators I, II, III
	<b>Las Vegas, NV</b> Electronic Maintenance Technician
	<b>Hill Air Force Base, UT</b> Systems Administrator II

## Coming Soon: *The CEO's Corner*

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Join us next week as we hear from our CEO in his monthly update, The CEO's Corner.

## Comments/Questions?

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If you have any comments or questions about this week's newsletter, email us at [news@integrits.com](mailto:news@integrits.com).

We have also created a website where we are storing the archives of all our newsletters to date: <https://integrits.com/digest-archives/>.

Have an incredible week, and we'll see you next Thursday!

Warmest Regards,  
The IntegrITS Weekly Digest

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