

DISA COMSATCOM SCOOP



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UPCOMING EVENTS

11.02.10 – 11.04.10

2010 USSTRATCOM Space Symposium
Omaha, NE

11.16.10 – 11.18.10

Annual SATCOM Conference
Offut AFB, NE

12.06.10 – 12.08.10

2010 DoD Commercial SATCOM
Workshop
Arlington, VA

DISA does not formally endorse any non-DISA events. These events are provided for information purposes only.

PROGRAM MANAGER'S MESSAGE

Hello and welcome to the current issue of SATCOM PMO's quarterly newsletter, the COMSATCOM Scoop! Since our July issue, we have some exciting updates on a few of our initiatives. In this issue, you'll read about the first Future Commercial Satellite Communications Services Acquisition (FCSA) Schedule 70 award; the FCSA Inmarsat transition update; Internet-Protocol Routing In Space (IRIS) capability; and quick tips on how bandwidth is estimated.

As most of you know, FCSA is a joint venture with the General Services Administration (GSA). It will provide a common marketplace for all Government customers across the Department of Defense (DoD), state, local, and federal agencies that ensures solutions that consider nationally-directed Information Assurance and Protection requirements. It will improve access to Federal Supply Schedules with on-going

opportunity to add new competitors and continue competitive approaches to transponded capacity and subscription services, at a savings to the Government.

The SATCOM PMO transition team is in the process of developing future internal business processes to provide a smooth transition. Aside from cost-savings and reduced contracting response time, our goal is to ensure that the migration from current expiring contract vehicles to the new FCSA contracts is as painless as possible for the customer and there is a lot of work taking place to ensure this happens.

As always, if you need additional information, please visit our website on the topics you read about. We would like to hear from you, so please provide us feedback on the newsletter so we can better serve you. We hope you enjoy this issue!

DISA AND GSA SATELLITE CONTRACT LIFTS OFF

The Defense Information Systems Agency (DISA) and General Services Administration (GSA) made the first contract award under the Future Commercial Satellite Communications Services Acquisition (FCSA).

GSA awarded ARTEL Inc., Reston, VA, the first contract under GSA's Schedule 70 commercial satellite communications special item numbers. ARTEL's contract award will allow them to sell satellite

bandwidth and subscription services, including both fixed and mobile satellite services, to Department of Defense (DoD), federal, state, and local governments.

"DISA is excited about the new products and services this contract provides," said DISA's FCSA Project Lead, Dan Gager. "We expect to issue task orders as soon as there is adequate competition."

DISA AND GSA SATELLITE CONTRACT LIFTS OFF continued from page 1



“This award has been the culmination of two years of joint effort on the part of GSA and DISA,” said GSA’s FCSA Program Manager, Kevin Gallo. “Schedule 70 is an open solicitation. We’re currently evaluating other offers and expect to make additional awards very soon”

DISA and GSA satellite communications partnership was formed in July 2009 to provide customers with a common marketplace for accessing critical communications services that will result in significant savings for taxpayers. The

federal government increasingly relies on commercial satellite communications to provide essential, secure communications to disaster recovery teams, domestic emergency responders, and the Warfighter. Services are also used to support distance learning and remote access to global government networks.

More information, including links to the new Schedule 70 solicitation, is available at the GSA Satellite Services web page: www.gsa.gov/satserv.

INMARSAT TRANSITION UPDATE



The Defense Information Systems Agency’s (DISA’s) Inmarsat contract is expiring.

As the contract nears expiration in June 2012, Department of Defense (DoD)

customers of Inmarsat services should be aware of upcoming changes. Beginning in the first quarter of FY 2011, DISA plans to re-compete approximately 8,000 Inmarsat services to the new General Services Administration (GSA) Schedule 70 for commercial satellite communications (COMSATCOM) Subscription Services (more information on this new vehicle, Special Item Number (SIN) 132-55, is available at www.gsa.gov/fcsa.) Throughout this massive effort, Inmarsat customers are expected to experience minimal, if any, downtime in service.

DISA is working with DoD Services and Agencies to validate all 8,000 existing Inmarsat requirements; however, customers can help ensure a smooth transition by communicating the following information to their appropriate Inmarsat Service Representatives: (1) up-to-date

terminal user contact information (name, email, phone number, address); (2) intent to continue or discontinue services; (3) desire to upgrade legacy Inmarsat services (which Inmarsat plans to phase out from 2012 to 2015) to Inmarsat Broadband Global Area Network (BGAN) services.

As services are transitioned, notifications of service changes will be routed to Service Representatives and customers. To ensure you are notified of these service changes, it is important that your Service Representatives and DISA have accurate point of contact information.

BGAN Subscriber Identity Module (SIM) Card Transfer

During this transition, DISA is taking steps to limit the logistical impacts to BGAN customers with respect to their SIM cards.

INMARSAT TRANSITION UPDATE continued from page 2

In the event that a user's Distribution Partner (DP) changes following the recomplete of services, DISA is coordinating with Inmarsat to allow customers to hold onto their current SIM cards by working behind the scenes to transfer the SIM card from the old DP to the new. This may require a few hours of downtime, but customers will be informed in advance

of any service outages as part of the notification of their change in service.

Starting in 1st Quarter FY 2011, additional guidance and ordering procedures will be included in the Customer User's Guide. This guide, as well as other FCSEA transition information, will be available on the SATCOM PMO website in the coming

weeks and will be continuously updated to make sure those involved with FCSEA and the transition are kept informed.

For questions or to provide information, please contact the SATCOM PMO or your Service Representative.

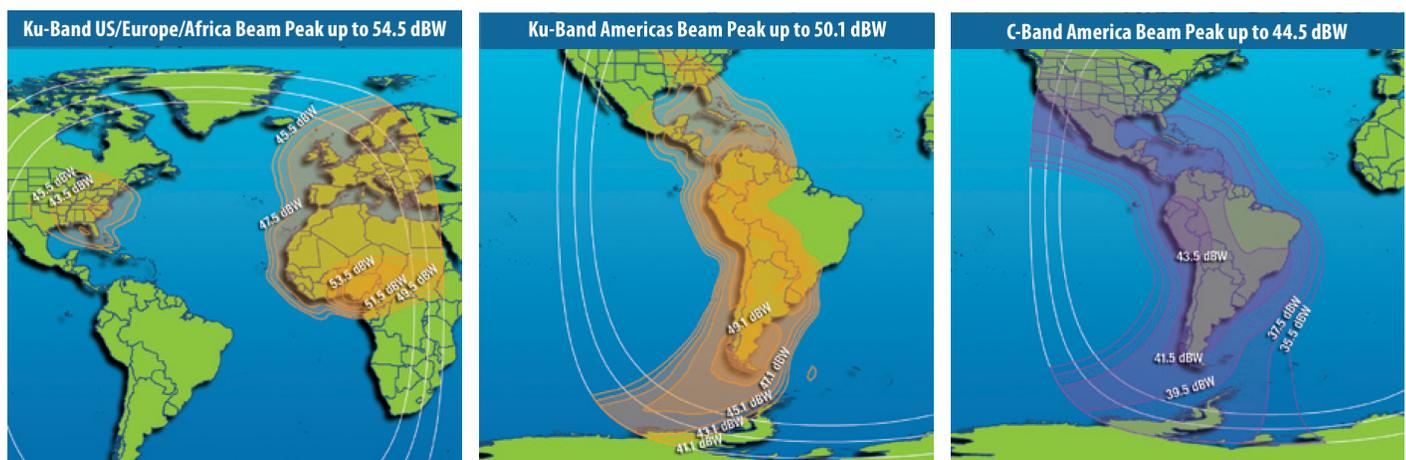
IRIS PROVIDING THE FIRST GENERATION IP PACKET ROUTING CAPABILITY IN SPACE

Internet Protocol Routing in Space (IRIS) is now offered as a part of Cisco's Next Generation Global Services (NGGS) through the General Services Administration (GSA) Satellite Communications-II (GSA SATCOM-II) contract. IRIS provides IP packet routing capability in space between the IRIS transponders and the Cisco Space Router on board the Intelsat (IS)-14 satellite. IRIS provides other innovative features like

routing between different frequency bands through onboard demodulation of satellite signals. These features will remove the need to "double-hop" network traffic from the satellite to a ground gateway hub, reduce latency by shortening the end-to-end path compared to switching at ground stations, and enable support of smaller satellite antennas.

IRIS can be accessed via three IS-14 Intelsat 14 transponders (two Ku-band and one C-band) covering North America, Europe, North Africa, Central America, and South America, as shown by the coverage maps below:

IRIS COVERAGE MAPS (INTELSAT 14 — 45° W)

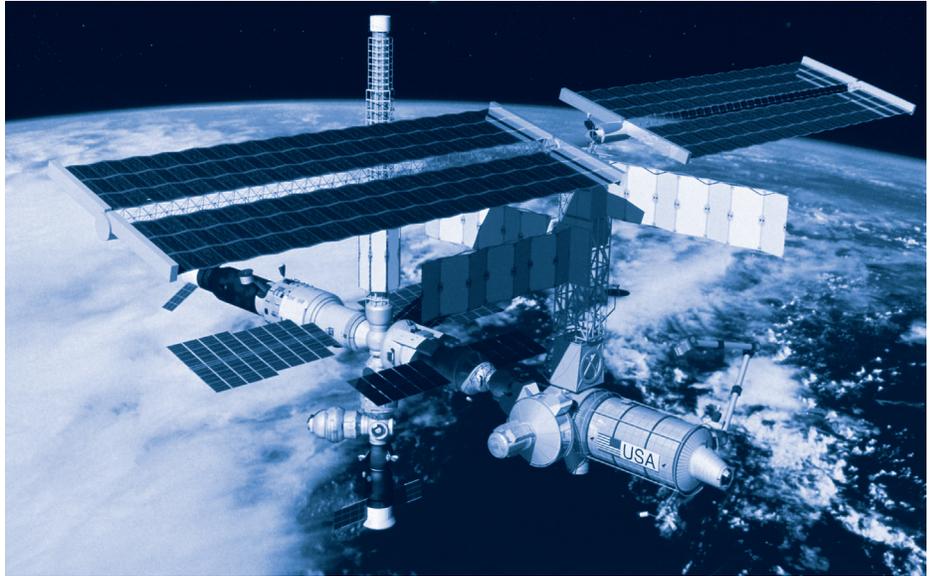


IRIS PROVIDING THE FIRST GENERATION IP PACKET ROUTING CAPABILITY IN SPACE

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The Cisco Space Router is the cornerstone of IRIS NGGS. This Router allows users to implement routed services on the satellite using the same Cisco Internet Operating System (IOS) used on ground stations to provide seamless networking capability. The entire suite of Cisco IOS services is supported on the Cisco Space Router, improving the security, manageability, and upgradability of a satellite network.

Customers can order IRIS services by contacting the Satellite Communications Program Management Office (SATCOM PMO) to coordinate requirements with the appropriate GSA SATCOM-II representatives.



** Please note that IRIS is a developmental test-bed offered for Government use and will be subject to Cisco's research and development (R&D) initiatives associated with the IRIS system. For example, IRIS may be subject to changes (i.e., waveform upgrades, satellite routing configurations, etc). However, Cisco will provide advanced notice of any changes to the service offering and provide a smooth transition to any service changes as a result.*

QUICK TIPS

There are three basic steps to estimating transponder capacity cost:

1. Collect Requirements First, the cost estimator must collect some basic information about the link. This information can be simplified into five major factors that contribute to the cost of bandwidth:

- **Duration** The contract length of the communication requirement.

- **Bandwidth Capacity** The amount of bandwidth required to establish communications for the mission.

- **Transmit/Receive Region** The location of the user terminals and reach back terminals.

- **Frequency Band** The frequency type for the communications requirement.

- **Implementation Time** The length of time required for the satellite communications link to be complete and online.

2. Estimate Bandwidth Estimate using historical leasing and market research data. The industry standard for measuring the cost of bandwidth is annual average cost per transponder equivalent (TPE), and the typical size of a transponder is 36 megahertz (MHz).

3. Validate Using Recent Task Order Awards To ensure its accuracy, the estimate is compared against recent bandwidth task order awards with similar requirements.

For More Information, Please Visit: <http://www.disa.mil/satcom/sco/index.html>