

# EC08 Daily Report

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### Australia – DIGO

*Location: DIGO in Canberra, Australia*

*POC(s): Jeff Frazier / Mitch Honeysett*

- Personnel: 7 personnel with no issues to report
- Activities:
  - Summary of Planned Activities:
    - Attempt to re-connect with China Lake
    - Monitor KG-250 progress to Australia
  - Significant Issues:
    - Already known GBS and connectivity with China Lake issues
    - Unable to solve TIPSYP data input issues
- Imagery Products: N/A due to GBS issues
- Summary:
  - Where Help is Needed: DIGO will attempt to liaise with a local company to resolve the TIPSYP issue

### Australia – DIGO – TIPSYP/APPOLLO

*Location: Michelson Labs*

*POC(s): FLTLT Laura Robin*

- Personnel: 2 personnel
  - FLTLT Laura Robin will return to Australia on 17 Jul 08 – Dan Carmody will take over the position of AUSLO; Dan will arrive in Ridgecrest in the afternoon
  - Two Australian IAs will be arriving in China Lake and operating out of Michelson Labs
- Activities:
  - Significant Issues:
    - The status of the GBS remains unchanged
    - There are currently problems with VOIP connectivity between China Lake and Canberra, making communication with DIGO difficult – measures are underway to try and rectify the problem

### DCGS 10.2 – U-2 & Global Hawk – DIB Federation

*Location: Langley AFB, DGS-X*

*POC(s): Chris Hadley*

- Personnel: 6 personnel with no issues to report
- Activities:

- Summary of Planned Activities:
  - Support DIB federation across the DDTE enterprise
  - Function as a TPED node for U-2 and Global Hawk missions
  - Test DCGS 10.2 ingest capabilities of other available imagery from additional platforms during EC08
- Significant Issues:
  - Continue to work through compatibility issues with the different DIB versions spread amongst the DDTE nodes
    - Some system baseline changes are required in order to overcome some of the compatibility problems; however, this places the site DDTE accreditation at risk
    - Working to identify a window of opportunity to take down the DDTE connection in order to apply the changes and run the security accreditation scripts without impacting EC08 operations
  - IPL transfer between our site and China Lake has not been tested

## DCGS-A V3.0 and V3.1

*Location: Danville, Echo, 513<sup>th</sup>, and Ft Monmouth*

*POC(s): David Usechak*

- Personnel: 3 personnel at Danville, 2 personnel at Echo, 2 personnel at 513<sup>th</sup> and 12 personnel at Ft Monmouth with no issues to report
- Activities:
  - Summary of Planned Activities: Continue to conduct DIB federation testing with other nodes
  - Significant Issues:
    - Guards for cross-domain data sharing are still not in place
      - This continues to impact the ability to do DIB federation for anyone on CFE (i.e. 513th and DCGS-A at Echo), and no data sharing between the DDTE nodes and CFE will occur
    - DIB V1.3B2 patch install and testing has started, and it has been successful with the nodes that have implemented the patch
- Imagery Products:
  - Products Collected: Several of the DCGS-A nodes have been able to federate with other nodes, and if those nodes have any products available DCGS-A has been able to download the product
- Summary:
  - Success: The number of nodes that DCGS-A V3.0 and V3.1 can federate with has increased for two reasons:
    - DDTE is starting to stabilize, and
    - The external nodes are starting to implement the recommended patch
  - Where Help is Needed: Cross Domain guard solution is an overall EC08 problem, and if not resolved quickly it will prohibit anyone on DDTE from passing data to the Coalition network and vice versa
    - The DCGS-A nodes at Echo Range and the 513th, which reside on the Coalition network and without a cross domain guard, will not be able to pass data back and forth to DDTE
- Additional Comments: Status of DCGS-A node connections – there are a total of 12 external nodes:
  - DCGS-A V3.0 status is: 5 nodes are green, 4 are yellow, and 3 are amber
  - DCGS-A V3.1 status is: 10 nodes are green, 1 is amber, and 1 is yellow

## DHMO/DIA HUMINT Team – MIV-G

*Location: Michelson Labs / Echo Range*

*POC(s): John Grant / Matt LeClaire / Bert Newton*

- Personnel: 3 personnel with no issues to report
- Activities:
  - Summary of Planned Activities:
    - MIV-G collect of MSR Ruby on Echo Range with two different MIV-G systems to compare and assess quality of motion imagery and size of files

- Continue to make access to MIV-G data on CFE, COI and DDTE available to all on those networks
  - Access PRISM HUMINT Module
  - Access HOTR on live SIPRNet
  - Broadcast MIV-G video over Mobile Satcom System to thinclient viewer while stationary and on the move
  - Provide assistance to the JIL to access MIV-G video on the China Lake CFE domain
- Significant Issue: Partial success of Mobile Satcom System broadcasting MIV-G video out to thinclient viewer over the internet
  - Mobile Satcom System stability is questionable and needs further investigation
- Imagery Products:
  - Products Collected: MIV-G data collected on MSR Ruby using new Digital IP and NTSC Video systems with new GeoCapture software
- Summary:
  - Successes:
    - Successful MIV-G collection of MSR Ruby using Digital IP and NTSC video systems
    - Partial success of Mobile Satcom test; successful part was capability to view MIV-G broadcast with thinclient viewer through the internet, and unsuccessful part was instability of system when in motion
    - Coordination with MI Pilot lead for future collaboration with other MI initiatives
    - Posted instructions to find, install, and use MIV-G data on CFE Wiki page

## **GBS – CFBLNet – Project Diamond**

*Location: JARIC and Digby*

*POC(s): Bill Craig / Andy McAleer / Ft Lt Neil Towers*

- Personnel: 13 personnel with no issues to report
- Activities:
  - Summary of Planned Activities:
    - Continue to track completion of SO CET GXP / CGS release; last action needed is for China Lake (Duane Brown) to send JARIC (Jason Bashford) a license key – expectation is that this will be done by COB PST
    - Continue to conduct work-up target and set-up of Operations; received FRAGO for Tuesday
    - IA Team working on SOPs to follow during live operations; working on updating product “templates” from EC07 – awaiting tasking update from TMs
  - Significant Issue: Awaiting repairs to GBS
- Summary:
  - Success: SO CET GXP / CGS releaseability issue is nearly resolved – awaiting China Lake to send JARIC a license key

## **JITC – DCGS**

*Location: Danville, Michelson Labs, Ft Monmouth (NJ), ITSFAC, Charleston (SC), Langley AFB*

*POC(s): Eric Morgen / Jose Jiminez*

- Personnel: 19 personnel (13 personnel at China Lake) with no issues to report
- Activities:
  - Summary of Planned Activities:
    - DCGS-I: Internal equipment and systems evaluation
    - DCGS-A: 6 of 14 DIB-enabled nodes federated and passed data
    - DCGS-N: IPL installation and correcting issues with IESS
    - DCGS-MC: Configuration work on DDTE in order to test tomorrow
    - Motion Imagery: Scan Eagle and Coyote imagery analysis
    - NITF: Scan Eagle and ASTOR analysis
    - MAJIIC: NSTR

## MI Pilot (FAME, Smart Video, MISB Pilot, VPC, MAAS)

*Location: NAWS China Lake*

*POC(s): John Bordner*

- Personnel: 14 personnel with no issues to report
- Activities:
  - Summary of Planned Activities: This was a no-fly day, so the only work that was done was with streaming video from file
    - A well-received MI Pilot Sync brief/meeting was held where initiatives were introduced to each other, and creative solutions to today's MI issues were discussed
      - This will be repeated during the next no-fly day
  - Significant Issue: FAME is now connected to the CFE net
- Summary:
  - Success: The MI Pilot meeting was very productive
    - There were several "end-user" warfighters in the audience that added their perspective to the MI Pilot activities
  - Lesson Learned: The no-fly days are not only important from the Aircrew and Safety perspective, but also afford time to do critical cross-talk between parties and work larger CONOPS and TTP issues that would never be covered in a normal fly day

## NSG-F, Co-Hosts, TEG, DCGS-IC, CIPs, DEAL

*Location: Danville, Michelson Labs, PAX River (MD), Reston (VA), Australia*

*POC(s): Robert Sacca*

- Personnel: Varies with no issues to report
- Activities:
  - Summary of Planned Activities: Continued DIB federation
- Additional Comments:
  - NSG-F (China Lake): Successfully federated with other nodes on DDTE; made significant improvements within the last 24 hours
  - NSG-F (PAX River): Continued federation with other nodes on DDTE
  - Co-Hosts: IESS contractors fixed a problem with the IESS software configuration concerning the nomenclature of the IPL datasource
    - The IESS contractors continued to fine-tune the IESS configuration
  - TEG: Loaded C2PC on 4 of the PC workstations
  - DCGS-IC: Worked with FSE to address various issues with our data feeds
  - DEAL: DEAL 9.1 CSB is still down for integration work; the DIB is online
    - Continued full federation with DCGS-IC on hi side
  - CIP: NSTR

## OGC Pilot

*Location: NGA Reston 2 and 3 / Michelson Labs, China Lake*

*POC(s): Sam Bacharach / Tom Merkle*

- Personnel: 18 personnel with no issues to report
- Activities:
  - Summary of Planned Activities:
    - Safety Day Stand-Down
    - TigerShark Pilot attending AirOPS safety brief
    - TigerShark: Review data format from camera payload to viewer application
    - OGC Pilot briefing to interested EC08 participants
- Summary:
  - Success: Data formats currently undergoing analysis
- Additional Comments: CL Computer Support team is outstanding! Bravo Zulu to each member!

## **PSTB**

*Location: Michelson Labs – Room 409*

*POC(s): Dwayne Squires / Mike Ellert-Beck*

- Personnel: 8 personnel with no issues to report
- Activities:
  - Summary of Planned Activities: Reviewed Bluegrass canned data and conducted prebuilt scenarios for MOE and MOP data
- Imagery Products:
  - Products Collected: Downloaded all LSRS data from first two mission days
- Summary:
  - Successes:
    - Completed one scenario from Blugrass data set
    - Completed training on Agent logic
  - Lesson Learned: Network is 100MB Ethernet
    - Having four analysts trying to view Constant Hawk data from server created extremely slow playback, on order of three times slower than real-time
    - Looking at purchasing four sets of 2TB internal drives for workstations to move data to each machine

## **RAF: 5(AC) Sqn, 56(R) Sqn**

*Location: China Lake*

*POC(s): Sqn Ldr Tony Reeves / Flt Lt Chris Bishop*

- Personnel: 64 personnel with no issues to report
- Activities, Imagery Products and Summary N/A due to No Fly Day