# EC08 Daily Report 18 Jul 08

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### Australia - DIGO

Location: DIGO in Canberra, Australia POC(s): Jeff Frazier / Mitch Honeysett

- o Personnel: 8 personnel with no issues to report
- o Activities:
  - Summary of Planned Activities:
    - Monitor KG-250 progress to Australia
    - Attempt to access still imagery from the CSD and the Co-Host
    - SOCET and CGS training
  - Significant Issues:
    - No KG-250; expected arrival Monday afternoon
    - Due to GBS issues in China Lake and Australia, unable to fully test the network and software applications at all this week

# Canadian Army - Task Force Victory

Location: ECR

POC(s): Major Keith Laughton

- Personnel: 43 personnel with no issues to report
- Activities:
  - Summary of Planned Activities:
    - Sensor deployment limited by road conditions
    - Testing, training and interoperability confirmation continued
  - Significant Issue: CFE link is being put in this afternoon
- Imagery Products:
  - Products Collected: Limited due to deployment restrictions
- Summary:
  - Success: All Canadian client systems demonstrating at least minimal interoperability
  - Lessons Learned: Observations for bug fixes and future development continue
  - Where Help is Needed: CFE link remains outstanding issue
- Additional Comment: We appreciate all the host nation support received over the last week

### 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
- o 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 Issue: DIB Federation is only partially complete; continue to work through compatibility issues with the different DIB versions spread amongst the DDTE nodes
- o Imagery Products:
  - Products Collected: NITF and MPG data from the DIB nodes successfully federated with at this point
- Summary:
  - Success: Worked directly with the Joint ISR Managers regarding site exploitation capabilities

     have a better understanding of how the TPED is being managed down to the node level due to this interaction
- Additional Comment: We learned today that IPL is not the primary means of IMINT dissemination to support exploitation; we should now expect to retrieve mission imagery through DIB federation

### DCGS-N

Location: DCGS-N Integration and Development Lab – SPAWAR System Center, Charleston, SC POC(s): TK Quigley

- Personnel: 8 personnel with no issues to report
- o Activities:
  - Summary of Planned Activities:
    - Complete repairs required to get our IPL working
    - Verify our aggregator is able to reach the IPL web service
    - Rebuild content server (aggregator and adapters) and verify communications with IPL and DIB, as well as portal interface
    - Validate external user access to the wiki
  - Significant Issue: Need user names and passwords to access portals of other DDTE nodes
- Summary:
  - Successes:
    - Completed all planned activities
    - Accessed portals of nine sites
    - Arranged usernames and passwords for four sites
      - o Attempted federated search on all four, obtaining search results on two
    - Downloaded product from DCGS-A V3.0 at Ft Monmouth

### **DHMO/DIA HUMINT Team - MIV-G**

Location: Michelson Labs / Echo Range

POC(s): John Grant / Matt Leclaire / Bert Newton

- o Personnel: 3 personnel with no issues to report
- o Activities:
  - Summary of Planned Activities:
    - Participate in HUMINT Source meet ambush and capture scenario on Echo Range to set up TT&L system test and assessments, and possible personnel recovery mission
    - Continue to make access to MIV-G data on CFE, COI & DDTE available to all on those networks
- o Imagery Products:
  - Products Collected: MIV-G collect of ambush
  - Imagery Quality: Digital IP cameras are posing image quality issues
- Summary:
  - Successes:
    - Participated in HUMINT Source meet ambush and capture scenario on Echo Range to set up TT&L system test and assessments and possible personnel recovery mission
    - Updated MIV-G data on CFE to allow tracking on Google Earth while viewing in GeoViewer

 Lesson Learned: Digital IP cameras on MIV-G can be problematic based on the constant bright sunshine environment of Echo Range

## GBS - CFBLNet - Project Diamond

Location: JARIC and Digby

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

- Personnel: 13 personnel with no issues to report
- Imagery Products:
  - Products Collected: Two products made using SOCET GXP
- Summary:
  - Success: SOCET GXP has now loaded old PREDATOR feed for training received

#### JITC-DCGS

Location: Danville, Michelson Labs, Ft Monmouth (NJ), ITSFAC, Charleston (SC), Langley AFB POC(s): Eric Morgen / Jose Jiminez

- o Personnel: 19 personnel [13 personnel at China Lake] with no issues to report
- Activities:
  - Summary of Planned Activities:
    - DCGS-I: No data collection until 22 July
    - DCGS-A: 11 of 14 nodes federated and passed data
    - DCGS-N: IPL no further testing until 29 July
    - DCGS-MC: Limited data transfer due to TEG issues at China Lake
    - Motion Imagery: Scan Eagle and Coyote imagery analysis
    - NITF: SHARP Imagery Analysis
    - MAJIIC: Complete with their assessment objectives; will continue to mature the data transfer process
  - Significant Issue: Hardware being sent overnight from JITC-Huachuca to resolve latency issue at Danville
- Summary:
  - Lesson Learned: For EC09, need to do a full equipment and software rehearsal at home station to facilitate analysis

### **MI Pilot**

Location: NAWS China Lake POC(s): John Bordner

- Personnel: 16 personnel with no issues to report
- Activities:
  - Summary of Planned Activities:
    - There were no airborne MI collectors flying, so very light activity
    - Exploitation systems were using archived imagery and the Motion Imagery Standards Board personnel had time to further their collection efforts with respect to ground sensors
  - Significant Issues: The captured imagery from General Atomics' King Air was deemed restricted to US eyes only be the General Atomics legal staff
    - This now prevents us from loading the imagery on the CFE network where the majority of the tools lie
      - The one tool in particular that is on the DDTE requires metadata fields, which the King Air video lacks; it will be of limited value there
- o Imagery Products: No airborne MI collectors were available
- Summary:
  - Success: Because of the light workload, further progress was made with the collaboration efforts between FAME and both VPC and MAJIIC initiatives
  - Lesson Learned: We had a reconfirmation that time gained on a slow work day can be fruitfully used to further cooperation and "brainstorming" new TTPs and technical solutions between different initiatives

- Where Help is Needed: There is preliminary indication from General Atomics that their contract to support EC08 may be in jeopardy
  - With that and the recent realization of the "US Only" caveat to their output, an alternative Predator or Predator-surrogate video source should be found
  - The best option may be to re-open dialog with the US Navy MQ-9 squadron and procure tapes from their nigh training sorties in North Range

### **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: Continue to use Bluegrass data to complete scenarios with WAMI
- o Imagery Products:
  - Products Collected: Product were made for Bluegrass scenario
    - Note these are not released as they do not really pertain to the scenarios being conducted at China Lake, and would probably just cause confusion
- o Summary:
  - Success: Completed mission for today
  - Lesson Learned: There are a couple of ASTOR-CGS compatibility issues that needed to be worked out
    - ASTOR seems to have a buffer download-type problem on-board the aircraft, and CGS seems to drop some of the data once received
    - The Army JITC team is investigating, along with their British counterparts

### **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:
  - Summary of Planned Activities: Continuation of UK sensor testing (Herti, RAPTOR, ASTOR and Reaper); JARIC federated exploitation
  - Significant Issue: Scan Eagle crash precluded any FMV analysis at JARIC
- Summary:
  - Success: Fused intel product available which includes MI, SAR and SIGINT
  - Lesson Learned: Buy a bigger rubber band for the Scan Eagle launcher!