

# ITV Operations and Training Newsletter

Check out the J-AIT website: <http://www.ait.army.mil> to view the latest contract(s) for Automatic Identification Technology (AIT) and Radio Frequency Identification (RFID) hardware, software, technical engineering services, and maintenance.

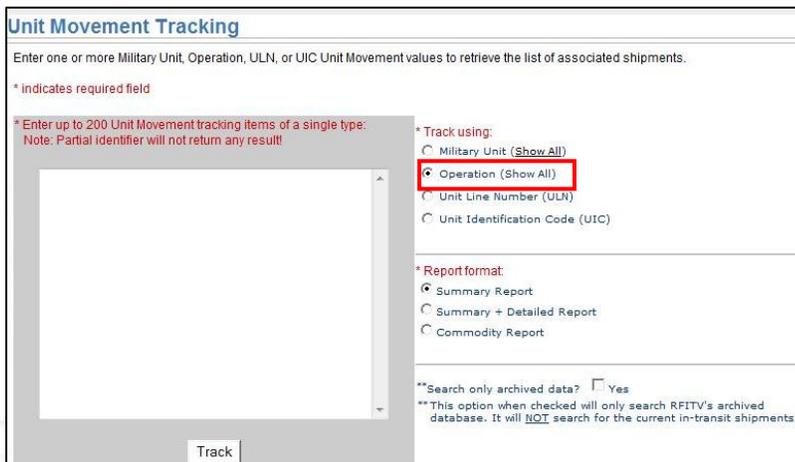
## Tracking a Reset Operation

The drawdown of forces in the US Central Command (CENTCOM) Area of Operations (AOR) and the "Reset" mission have caused an increase in equipment being returned for repair and reissue. If used properly, tracking Reset items with RFID technology can be beneficial to item managers and receiving activities. RFID technology can track the return of equipment through the logistics pipeline and provide the ability to better plan workload requirements.

To identify on a Reset Operation code, we went to the **RF-ITV Tracking Portal** and used the **Track Shipment** query. From the **Track Shipments** query, we selected **RFID Tag Tracking > Operation**.



We then selected **Show All** to get a listing of all Reset Operation names.



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**RF-ITV Training: RF-ITV Global Help Desk**  
[help.rfitv@us.army.mil](mailto:help.rfitv@us.army.mil)  
 1 (800) 877-7925 DSN users dial your local DSN off-net access number, wait for dial tone, then dial 1 (800) 877-7925

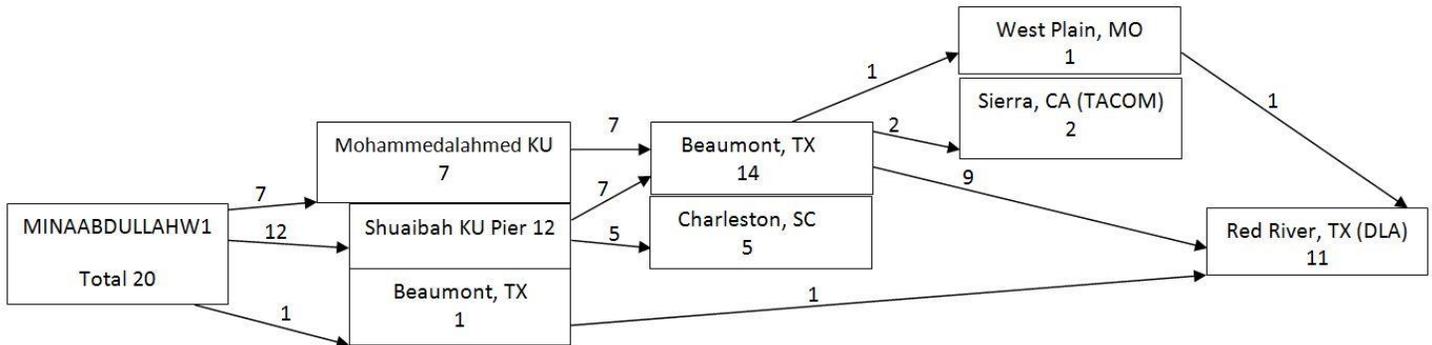
From the list, we selected **OND\_RESET\_2012** as the reset operation name for this particular analysis. This Operation showed 98 tagged shipments of major end items (e.g., fuel tankers and Mine Resistant Ambush Protected [MRAP] vehicles) written by three write sites in Kuwait: MINAABDULLAHW1, ARIFJANW17 and MOHAMMDALAHMEDW5.

OND-2011=RESET	1	15-NOV-11 08:39:00
OND-2012	4	21-JUN-12 00:22:00
OND-2012 RESET	4	27-APR-12 00:52:00
OND-2012-2012	10	04-MAR-12 19:36:00
OND-2012-RESER	5	08-MAY-12 19:01:00
OND-2012-RESET	6148	12-JUL-12 11:53:00
OND-2012-RESSET	1	07-JUL-12 09:01:00
OND-2012-RESE	25	28-JUN-12 16:51:00
OND-2012ORESET	1	09-FEB-12 20:29:00
OND-2013-RESET	2	18-FEB-12 11:20:00
OND-2912-RESET	19	14-JUN-12 06:30:00
OND-AFGHANISTAN	8	07-MAR-12 23:46:00
OND-RESET-2011	60	01-JAN-12 00:06:00
OND-RESET-2012	98	17-MAY-12 12:38:00
OND/	1	23-OCT-11 04:34:00
OND/OEF	27	12-JUN-12 06:08:00
OND/OEF/OIF	2	30-NOV-11 12:45:00
OND/OIF	88	25-JUN-12 11:18:00
OND02012-RESET	2	09-FEB-12 20:40:00
OND12	2	14-FEB-12 15:47:00
OND2011	3	29-OCT-11 09:24:00
OND2011-RESET	1	29-DEC-11 22:46:00
OND3NOV2011	1	03-NOV-11 08:10:00
OND=2011-RESET	1	22-OCT-11 17:19:00
ONDCRDCS	2	15-FEB-12 11:10:00
ONDCSGRD	1	01-FEB-12 10:33:00

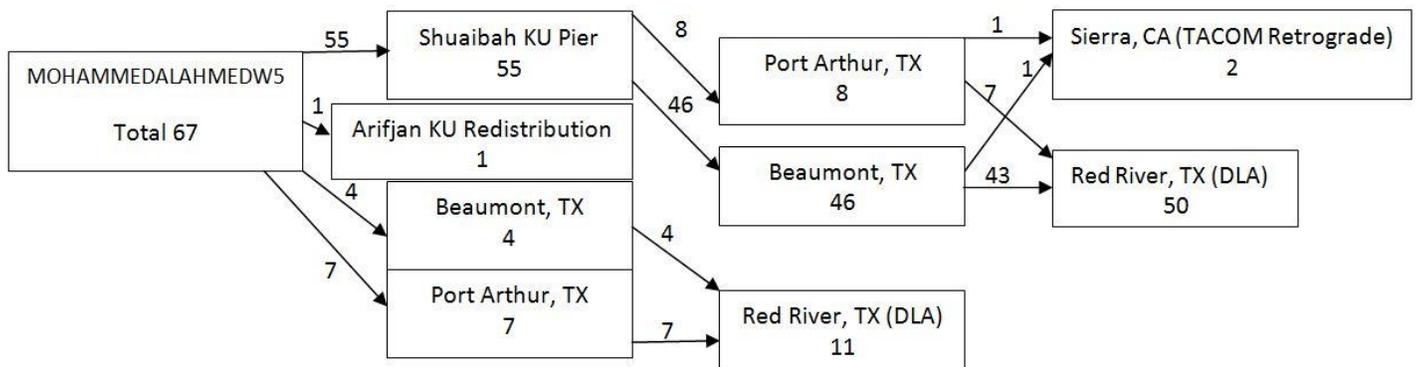
Note the many ways "OND 2012 Reset" was written on tags and appears on the RF-ITV Tracking Portal.

Based on information from the **RF-ITV Tracking Portal**, we were able to determine that 80% of the 98 tagged shipments were read at final destination. Even though all of these tagged shipments had sufficient time to make it to final destination, 20% have not been read at final destination based on the **RF-ITV Tracking Portal** tag data and read events. We are unable to determine why they were not read at final destination. The results of our analysis are as follows:

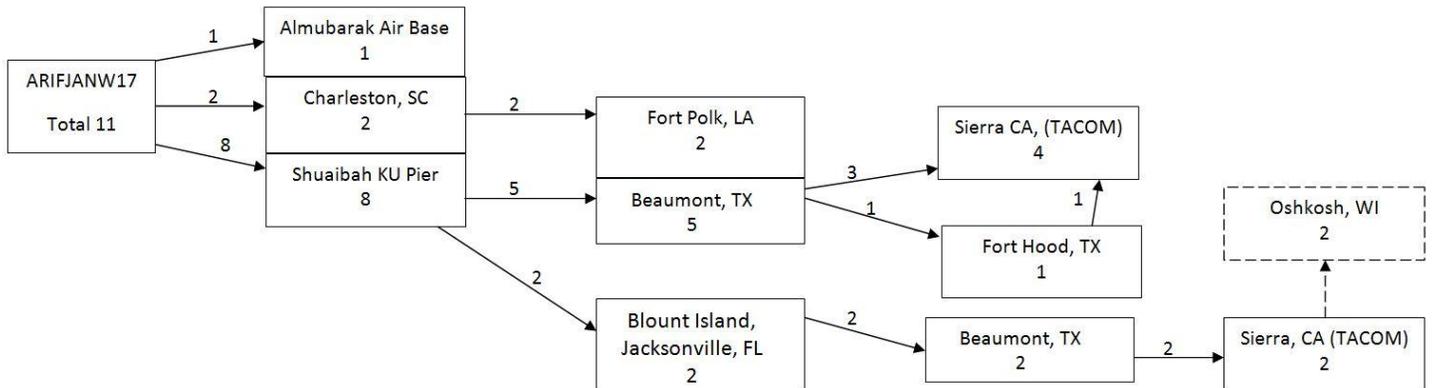
**MINAABDULLAHW1** - Of the 20 tagged shipments written by MINAABDULLAHW1, 11 shipments were read at final destination. Of the remaining nine shipments that were not read at final destination, five shipments were last read at the port of Charleston, SC; two shipments at the port of Beaumont, TX; and two shipments at Sierra Army Depot, CA.



**MOHAMMDALAHMEDW5** - Of the 67 tagged shipments written by MOHAMMDALAMEDW5, 61 shipments were read at final destination. Of the remaining six shipments that were not read at final destination, one shipment was last read at Shuaibah, Kuwait Pier; one shipment at the Arifjan, Kuwait Redistribution Yard; two shipments in Beaumont, TX; and two shipments at Sierra Army Depot, CA.



**ARIFJANW17** - Of the 11 tagged shipments written by ARIFJANW17, six shipments were read at final destination. Of the remaining five shipments that were not read at final destination, two shipments were last read at Sierra Army Depot. However, since further research revealed the final destination for these two shipments is not instrumented, we are unable to determine if they were read at final destination. Of the remaining three shipments, one shipment was last read at Shuaibah, Kuwait Pier; one shipment in Beaumont, TX; and one shipment at AlMubarak Air Base in Kuwait.



**Overall Lessons Learned:**

1. Fifty-one tags listed Consignor Department of Defense Activity Address Code (DODAAC) W91**PU**0 and 47 listed W91**UP**0. Both DODAACs are valid according to the **RF-ITV Tracking Portal** data; however, W91**UP**0 was used incorrectly. It appears to be a typo where the unit transposed “PU” and “UP”. Inaccurate data written to the tag gives false information about that shipment. It also distorts information that the RF-ITV system provides ITV data to other logistic systems, e.g., Battle Command Sustainment Support System (BCS3) and Integrated Data Environment/Global Transportation Network Convergence (IGC).
2. There were many variations of Operation names for OND 2012 Reset. To help you locate and segregate your tags quickly and efficiently, make sure that everyone associated with your operation maintains consistency in the selected Operation names throughout your mission, including using the exact spelling of the chosen Operation name!

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**For and From the Field**

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***New Phone Numbers***

J-AIT phone numbers have changed. New phone numbers can be found at:

<http://www.ait.army.mil/Contact/contact.html>



***2012 RF-ITV User's Guidebook Now Available***

The **RF-ITV User's Guide** has been updated. Due to numerous changes planned for the **RF-ITV Tracking Portal** in the next 4-6 months, the 2012 electronic edition only is available to download at:

<http://www.cascom.army.mil/organizations/cdi/esd/itv/guidebooks.aspx>

The new edition of the guidebook is scheduled to be printed after all the changes currently planned are effective on the **RF-ITV Tracking Portal**.

## Site Analysis: DOVERAFBW192, Dover Air Force Base, Dover, DE



For this month's analysis we looked at the RF-ITV *Write* site, Device ID T001D92DE1C32, Device Name DOVERAFBW192 at Dover Air Force Base, Dover, Delaware. The focus of our analysis was on the data quality and movement of RFID tags moving by air from DOVERAFBW192.

Using the **Site Activity** query, we looked at the tag writing workload of this site from 20-23 June 2012. The query identified 77 tags that were written during that period and the results of our analysis are:

- By comparing the Consignee (Receiver) DODAAC, Port of Debarkation (POD) on the RFID tag to the *Read* events of the tag, and Last Reported Interrogator Name, it was determined 68 out of 77 tags (88%) reached final destination based on **RF-ITV Tracking Portal** data.
- Of the nine tags that were not read at final destination, one tag was written at DOVERAFBW192 and showed no further onward movement, two tags were last read in Kandahar, Afghanistan, three tags are still being read at Bastion but have a Leatherneck Consignee DODAAC (Bastion and Leatherneck are co-located and both instrumented) and the remaining three tags were last read at Dover.
- Out of the 68 tags that were read at final destination, 10 tags generated a transportation closeout (TK6). Transportation closeouts are created when the Consignee DODAAC written to the tag matches a supported DODAAC entered on the *Read* interrogator's registration page.
- All 77 tags contained valid Consignor and Consignee DODAACs. Eight of the Consignee DODAACs were in support of Foreign Military Sales (FMS) shipments.

### REMINDER:

The **Consignor** is the shipper,  
and the **Consignee** is the intended receiver.

Try to remember the long 'E' sound in the word "receive"  
is the same as in **Consignee**.

- All 77 tags contained valid Port of Embarkation (POE) and POD codes.

### [RF-ITV Global Help Desk \(GHD\)](#)

**Toll Free:** 1 (800) 877-7925. **DSN:** Dial your local DSN off-net access number, wait for dial tone, and then dial 1 (800) 877-7925.

**AKO Instant Messenger Username:** help.rfity

**Green Force Tracker/Lotus Sametime Group Name:** PEO EIS-PM J-AIT-GHD

Help available 24hours/7 days a week

**Email:** [help.rfity@us.army.mil](mailto:help.rfity@us.army.mil)

If you would like to subscribe to the newsletter or if you have a noteworthy RF-ITV story, lesson-learned, or short article for publication in the newsletter, please submit to Jerry Rodgers, J-AIT, [jerry.d.rodgers.ctr@mail.mil](mailto:jerry.d.rodgers.ctr@mail.mil).

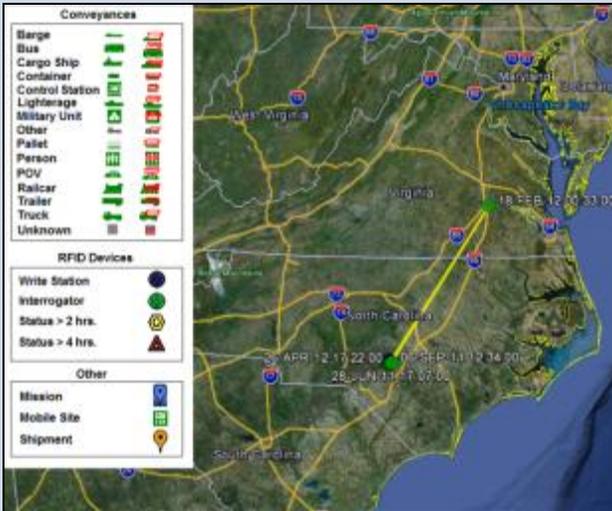
The RFID GHD should be contacted before any attempt to reach an FSE in your area.

# The RF-ITV Training Team's Tips and Tricks

## Line Path Options in Google Earth

While using the Google Earth options to track tags, you may have noticed that the track line of the shipments occasionally blends together with the background terrain. The following instructions will allow you to change the color of the shipment track line. These color changes help since various geographic areas use different colors and changing the shipment track color keeps it from blending in to the terrain color.

1. Choose which option you are using depending on if you are on NIPRNET or not.

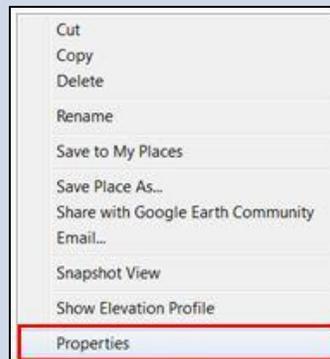


The tracking of the tag will be displayed using Google Earth plug-in or the Google Earth program.

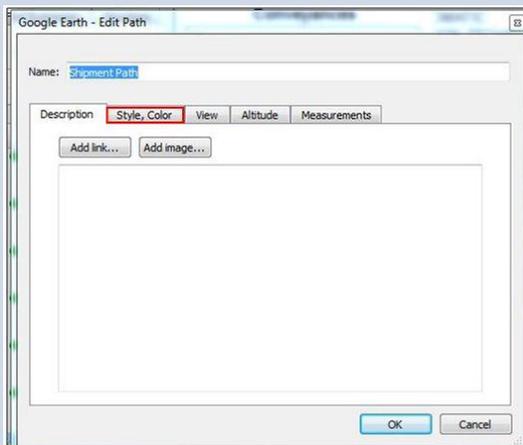
2. To change the line color, right click properties. This will bring up the menu line.



then select for the track line.



3. In the properties menu box, select the track color option under the **Style, Color** tab.



4. Select a color and click **OK**.



5. The track color of the tag has now been changed to the color selected by the user making it easier to see.

