

# ITV Operations and Training Newsletter

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

## Requirement for the Use of Content Level Data

Army Regulation 700-80 (Army In-Transit Visibility)  
[http://www.apd.army.mil/jw2/xmldemo/r700\\_80/head.asp](http://www.apd.army.mil/jw2/xmldemo/r700_80/head.asp), along with Air Force  
Instruction 24-203 (Preparation and Movement of Air Force Cargo) [http://www.e-  
publishing.af.mil/shared/media/epubs/AFI24-203.pdf](http://www.e-publishing.af.mil/shared/media/epubs/AFI24-203.pdf), states that all shipments  
are to provide content level detail. So what is content level data?

Per the DoD Dictionary of Military and Associated Terms (Joint Publication 1-02,  
[http://www.dtic.mil/doctrine/new\\_pubs/jp1\\_02.pdf](http://www.dtic.mil/doctrine/new_pubs/jp1_02.pdf)), content level of detail within  
the current joint planning and execution system, includes movement  
characteristics for both personnel and cargo which are described at six distinct  
levels of detail. Levels I, V, and VI describe personnel, and Levels I through IV  
and VI concern cargo. Levels I through IV are coded and visible in the *Joint  
Operation Planning and Execution System* (JOPEs) automated data processing.  
Levels V and VI are used by JOPEs automated data processing feeder systems.  
Specific descriptions of each level are:

- 1) **Level I** - personnel: expressed as total number of passengers by unit line number. Cargo: expressed in total short tons, total measurement tons, total square feet, and total thousands of barrels by unit line number. Petroleum, oils, and lubricants: expressed by thousands of barrels by unit line number.
- 2) **Level II** - cargo: expressed by short tons and measurement tons of bulk, oversize, outside, and non-air transportable cargo by unit line number. Also square feet for vehicles and non self-deployable aircraft and boats by unit line number.
- 3) **Level III** - cargo: detail by cargo category code expressed as short tons and measurement tons as well as square feet associated to that cargo category code for an individual unit line number.
- 4) **Level IV** - cargo: detail for individual dimensional data expressed in length, width, and height in number of inches, and weight/volume in short tons/measurement tons, along with a cargo description. Each cargo item is associated with a cargo category code and a unit line number).
- 5) **Level V** - personnel: any general summarization/aggregation of level VI detail in distribution and deployment.
- 6) **Level VI** - personnel: detail expressed by name, service, military occupational specialty and unique identification number. Cargo: detail expressed by association to a transportation control number or single tracking number or item of equipment to include federal stock number/national stock number and/or requisition number. Nested cargo, cargo that is contained within another equipment item, may similarly be identified.

For questions or comments, please contact  
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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 94 wait for dial tone  
then dial 1 (800) 877-7925

To comply with content level detail requirements, the following should be written to the Radio Frequency Identification (RFID) tag:

1. Lead Transportation Control Number (TCN)
2. Container or Pallet number
3. Consignor (Shipper) Department of Defense Activity Code (DODAAC)
4. Port of Embarkation (POE) (Point of Departure)
5. Port of Debarkation (POD) (Point of Arrival)
6. Consignee (Receiver) DODAAC
7. Hazardous Material Code (J=Hazardous or Dangerous; E=Ammunition/Explosives; V=Government vehicles, Trailers, Wheeled Guns and Aircraft; X=General Cargo not covered by other codes)
8. Name of Operation or Exercise (if applicable)
9. Military service or branch (Army, Navy, Marines, Air Force)
10. Commodity Class (1 through 10)
11. Document Number (number generated by the Consignee to indicate or describe cargo)
13. Intermediate TCN (if applicable)
14. National Stock Number (NSN)
15. Nomenclature (description of cargo)
16. Quantity of each item
17. Unit of Issue (UOI)

Lead TCN	Container	Consignor (From)	POE	POD	Consignee (To)	Hazmat	TP	Operation	Service	Class
W905WL3596V055MM2	USAU1473633	W91P9H	PN1	1P2	W562RM	X	2	9GN	ARMY	CLASS IX

Free Text  
MULTIPLE NSNAXLE ASSEMBLYTEXARKANA TX

Sensor Info - This is not a sensor tag.  
There is no sensor information found for this shipment!

Shipment Map
NIPRNET
non-NIPRNET

Location/Tracking - Last reported at ANNISTONR1 at 2011-DEC-30 10:05							
First Reported Date	Last Reported Date	Event	RF Hit(s)	Status	Site ID	Site Name	Site Description
2011-DEC-30 10:05	2011-DEC-30 10:05	READ	1		51790	ANNISTONR1	ANNISTON AL TRK & RAIL ARR/DEP CLASS V
2011-OCT-19 01:40	2011-OCT-19 04:36	READ	241		55526	SHUWAIKHR2	SHUWAIKH KU CGO TRANSP SYS (CTS)
2011-OCT-13 06:11	2011-OCT-13 06:11	READ	1		I1000426375	MTS163976	1 K NNE of ARIFJAN, KU
2011-OCT-09 23:32	2011-OCT-09 23:32	READ	1		I1000404775	MTS164003	1 K ENE of ARIFJAN, KU
2011-SEP-30 17:18	2011-SEP-30 20:50	READ	5		I1000615171	MTS163512	1 K ENE of ARIFJAN, KU
2011-SEP-25 13:40	2011-SEP-25 13:40	WRITE	1		T905030183	ARIFJANW15	ARIFJAN KU ASG CRSP AMS WRITE 3

Commodity - Summary (8 items)										
Document Nbr	TCN	NSN	Nomen	RIC	LIN	Qty	UOI	Cond	Remarks	
W91YWB11390208	W905WL3596V055MM2	2520012116629	AXLE ASSEY	W2N		00001	EA	F		
W91YWB11390208A	W905WL3596V055MM2	2520012116629	AXLE ASSEM	W2N		00001	EA	F		
W90C2712060393	W905WL3596V055MM2	2520013401635	SHAFT AXLM	W2N		00001	EA			
W91P9H12221629	W905WL3596V055MM2	2520014395439	SHAFT AXLM	W2N		00001	EA			
W91RVU11762009	W905WL3596V055MM2	2520014395441	AXLE ASSEY	W2N		00001	EA			
W91P9H12160538	W905WL3596V055MM2	2520014728056	SHAFT AXLM	W2N		00001	EA			
W91YXW11650018	W905WL3596V055MM2	2520015575780	SHAFT AXLM	W2N		00001	EA	F		
W91P9H11922538	W905WL3596V055MM2	2530015555450	AXLE VEHIR	W2N		00001	EA	F		

TCMD - Summary (11 records)							
Milstamp							
1	2	3	4	5	6	7	8
1234567890123456789012345678901234567890123456789012345678901234567890							- Column Counter
TX2736333USAU	586	WCOW905WL3596V055MM2W562RM2	9GN	01275000115201A2GZ			
TX4736333W91P9H	586	WCOW905WL3596V055MM2W562RM2	9GN	0A2GZ0001152001275			
TX973633	586	WCOW905WL3596V055MM2W562RM2CONT#	USAU1473633				1
TX973633	586	WCOW905WL3596V055MM2W562RM2RF	TAG: 4834515				2
TX973633	586	WCOW905WL3596V055MM2W562RM2PCFN	: 775046 .B.S: 0015811				3
TX973633	586	WCOW905WL3596V055MM2W562RM2AXLE	ASSEMBLY, 8 PCS				4
TX973633	586	WCOW905WL3596V055MM2W562RM2WOMC	ARMY GENERAL SUPPLY				5
TX973633	586	WCOW905WL3596V055MM2W562RM2DLA	DISTRIBUTION RED RIVER6				6
TX973633	586	WCOW905WL3596V055MM2W562RM2HIGHWAY	82 WEST RED RIVER				7
TX973633	586	WCOW905WL3596V055MM2W562RM2ARMY	DEPOT TX 75507-5000				8
TX973633	586	WCOW905WL3596V055MM2W562RM2POC	DARLENE PHELPS				9

The purpose of content level data is to provide “in-the-box visibility” and allows users to track their shipments and the contents of their shipments on the **RF-ITV Tracking Portal** as well as within the **Battle Command Support and Sustainment System (BCS3)**. Failing to use content level data makes in-transit visibility difficult; therefore, it is important that you make sure your tags are written with complete and accurate content level data. When the quality of the data written to a tag is thorough and accurate, it makes the ability to track and maintain visibility a whole lot easier!

## Site Analysis: KAISERSLAUTERNW1, T00188B0A7A25, Kaiserslautern, GE

For this month's analysis, we selected KAISERSLAUTERNW1, Device ID T00188B0A7A25, Kaiserslautern GM (GERMANY) AMS USAD located in Kaiserslautern, Germany. From the **RF-ITV Tracking Portal**, we selected **Location Activity**, then selected **Site Activity** from the drop-down menu and entered Device ID T00188B0A7A25. We then entered the timeframe of 15 - 21 Dec 2011. This selection produced 73 tagged shipments to analyze. The results of these data analysis are as follows:

### Initial Movement (Kaiserslautern to Gernersheim)

- We noticed a distinct pattern with these tags. The tags were written with Inland Location Codes (ILCs) and moved ground-to-ground from Kaiserslautern (52T) to Gernersheim (401) to continue onward movement to their final destination. During this first leg, all 73 tags arrived at the Theater Consolidation and Shipping Point-Europe (TCSP-E) in Gernersheim, Germany. The TCSP-E is a new distribution facility and is the primary conduit for sustainment materiel entering the European theater. It consolidates/ segregates shipments from multiple sources and prepares them for onward shipment to customers by re-tagging when needed.
- Five (5) tags (Consignee SWE300) reached final destination at Gernersheim and produced a "TK6." TK6s are created when the Consignee DODAAC on the tag matches the "Supported DODAAC" listed on the *read* interrogator's registration page.
- Nine (9) tags were last read at Gernersheim and have shown no further onward movement as of 18 Jan 2012.
- All tags were well written with the exception of one tag that had no commodity data and one tag that contained an invalid Consignee DODAAC.
- The Latitude and Longitude (Lat/Long) coordinates on the site's registration page were found to be incorrect. In addition, another site with the same name was found on the **RF-ITV Tracking Portal**. We contacted the site point of contact to recommend changes for the Lat/Long coordinates and recommended contact with the RF-ITV Global Help Desk to remove the duplicate site that is no longer being used.

### Onward Movement (Gernersheim to Final Destination)

Because the TCSP-E's policy is to leave the original tag on the cargo whether they add their own tag for tracking or not, we were able to continue to track the onward movement of the remaining 59 tags to final destination.

- From the TSCP-E, all 59 tags continued onward movement. As of 17 Jan, 52 of these tags had reached final destination. Because the original tags (with the Consignee DODAAC) were left on, we were able to determine that 37 of the 52 tags that reached final destination created a TK6.
- Of the seven tags that did not reach final destination, four tags are still in route to final destination and are being read in the CENTCOM theater, and two tags were last read at Ramstein, Germany. Regarding the one tag that contained an invalid DODAAC (mentioned above), we were unable to determine the final destination of this tag; however it was last read in Incirlik, Turkey.

## For and From the Field

Missed an issue of the *RF-ITV Operations and Training Newsletter*? Latest issues can be found at:

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



### **RF-ITV Global Help Desk (GHD)**

**Toll Free:** 1 (800) 877-7925, **DSN:** Dial 94 plus (800) 877-7925,  
**AKO Instant Messenger Username:** help.rfitv  
**Force Tracker/Lotus Sametime Group Name:** PEO EIS-PM J-AIT-GHD  
Help available 24hours/7 days a week  
**Email:** [help.rfitv@us.army.mil](mailto:help.rfitv@us.army.mil)

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

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, PM J-AIT, [jerry.d.rodgers.ctr@mail.mil](mailto:jerry.d.rodgers.ctr@mail.mil).

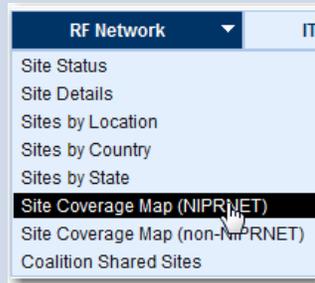
# The Regional Training Team's (RTT's) Tips and Tricks

## Google Earth Error While Using Mapping Functions

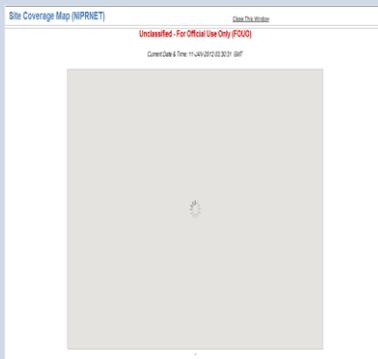
Due to numerous queries to the RF-ITV Global Help Desk, this month's article will focus on one of the most common errors that many users have been receiving while utilizing the *Google Earth* functionality of the **RF-ITV Tracking Portal**. This error or lack of functionality occurs during use of the Site Coverage Map (Non-secure Internet Protocol Router Network (NIPRNET)) and/or while using Site Coverage Map (non-NIPRNET) and is caused by a missing the NIPRNET Global Services (NGS) plug-in.

*Note:* This plug-in is for users who do not have access to the commercial Google Earth map servers or who cannot install the client software on their local workstations.

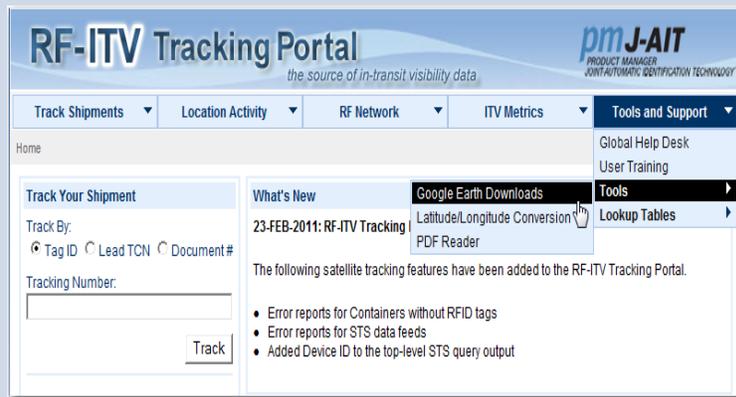
Using your CAC, logon to the **RF-ITV Tracking Portal** at <https://national.rfitv.army.mil/>. Select, *Site Coverage Map (NIPRNET)* from the RF Network dropdown:



The error screen-shot below may be due to the NGS Plug-in not being installed.



To install this plug-in *go to the Tools and Support* drop down - *select Tools* and then *choose the Google Earth Download* tab.



Click on the link to the NGS site from a ".mil" location to download the NIPRNET Global Services (NGS) plug-in. This will bring you to the **ngs.army.mil portal** [https://gearportal.usace.army.mil/gearportal/sample\\_ec\\_error.html](https://gearportal.usace.army.mil/gearportal/sample_ec_error.html).

### NIPRNET Google Earth map servers

For users who do not have access to the commercial Google Earth map servers or who cannot install the client software on their local workstations, we have integrated with the NGS (NIPRNET Globe Services) map servers hosted at *ngs.army.mil*. These **NIPRNET** map services do not require a locally-installed client since they are accessed via the Google Earth web browser plug-in.

To use the NGS map servers you must first install the Google Earth browser plug-in. If your network administrators allow access to the commercial Google servers, this plug-in is automatically downloaded and installed the first time you access a page containing an NGS map. If this fails you can also download the plug-in manually from NGS at [https://gearportal.usace.army.mil/gearportal/sample\\_ec\\_error.html](https://gearportal.usace.army.mil/gearportal/sample_ec_error.html).

If you have trouble accessing the Google Earth plug-in download page, downloading the DoD certificate may help. The DoD certificate can be found at <https://gearportal.usace.army.mil/dotmil/downloads/InstallRoot18A.exe>.

***It may be necessary to have your network administrator install this software.***