



**Equipment Location -  
Certification Information Database (EL-CID)  
Version 5**

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***Spectrum Certification of Today***



# *Welcome* EL-CID Training Class

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- **The National Telecommunications and Information Administration (NTIA) as sponsor of this software and the Joint Spectrum Center (JSC), as developer of this software, welcomes you to this training class.**



# Administrative



- 
- **Instructor/Student introductions**
  - **Class time**
  - **Ask questions. The class is informal**
  - **If you get behind, please raise your hand.**
  - **Student information/critique sheet**
  - **Location of facilities (phones, and restrooms)**
  - **Security**



# Training Material

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- **EL-CID Installation Disk (Available if needed)**
  - **Software**
  - **Documentation**
  - **Samples**
- **EL-CID Training Disk**
  - **Training Manual/Slides**
  - **Documentation**
  - **Help files**
  - **Sample Attachments**
  - **Quick Reference Guide**
- **EL-CID Training Manual**
- **NTIA Data Disk**



# Training Goals



- Use EL-CID to create an application and export the data
- Use EL-CID to import an application and change the data
- Introduce the map
- Introduce the query builder



# EL-CID CONCEPT



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**An equipment spectrum certification capability with a graphical, icon-based, interface that is supported by sophisticated logic that captures inter- and intra-system relationships and prompts for entry of applicable system parameters.**



# EL-CID

## What is it?



- **The main purpose of EL-CID is to support the creation and maintenance of Certification Applications along with their supporting equipment and location data.**
- **EL-CID is designed to permit the automated processing of this information among EL-CID users and the NTIA, through automated compliance checks and data inter-change.**



# EL-CID Why?

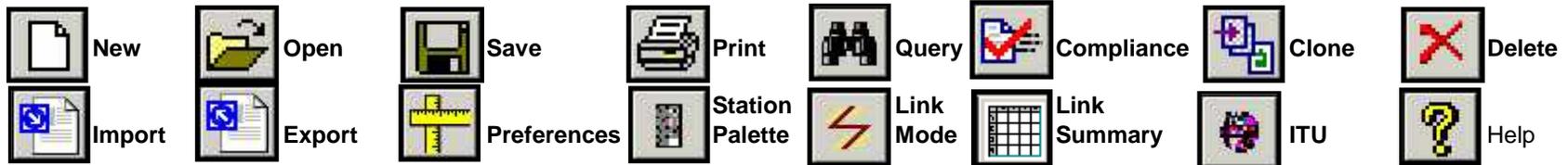


- **Development of OSM Data Dictionary/Structure**
- **President's Initiative on Telecommunications**
- **Current forms not adaptable for automation**
  - Ambiguities in current database, with multiply-occurring fields/data
  - Comment Fields, effectively unsearchable/unparsable
- **Improved Automated Standards Checking**
- **First Implementation of OSM DD**
- **Interactive Interface**



# EL-CID

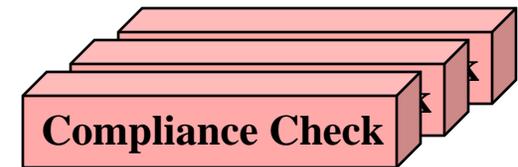
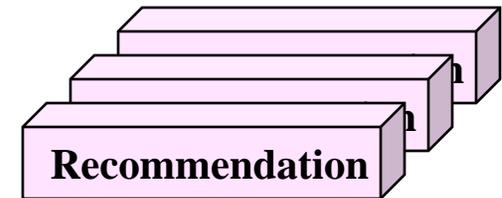
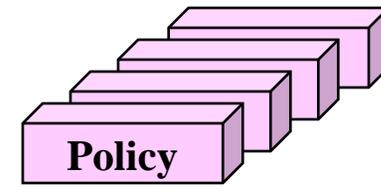
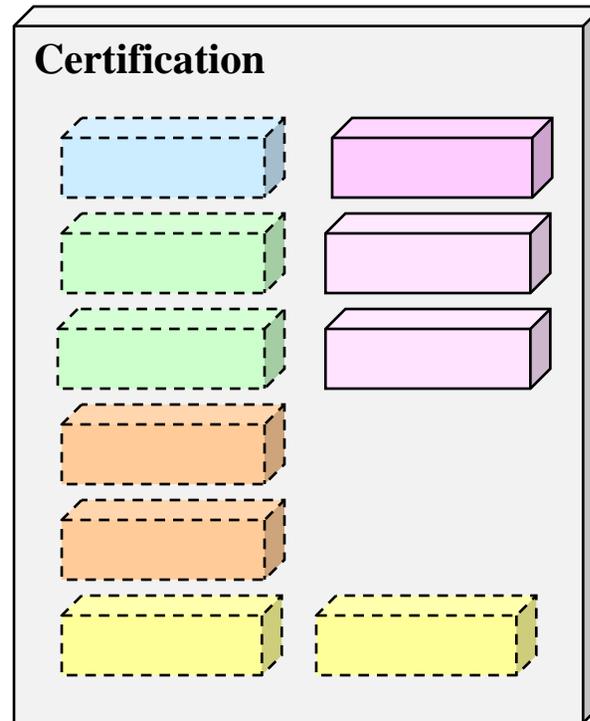
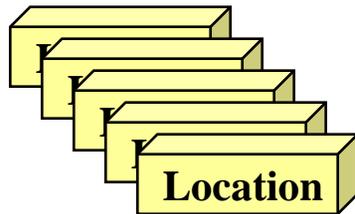
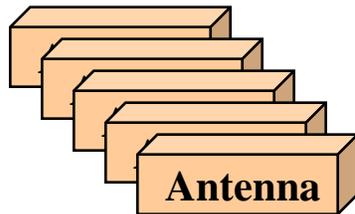
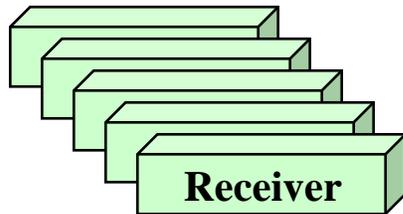
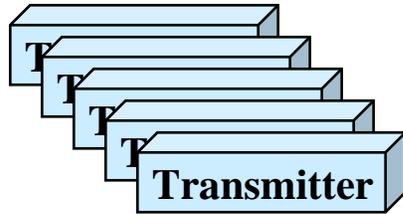
## What does it do?





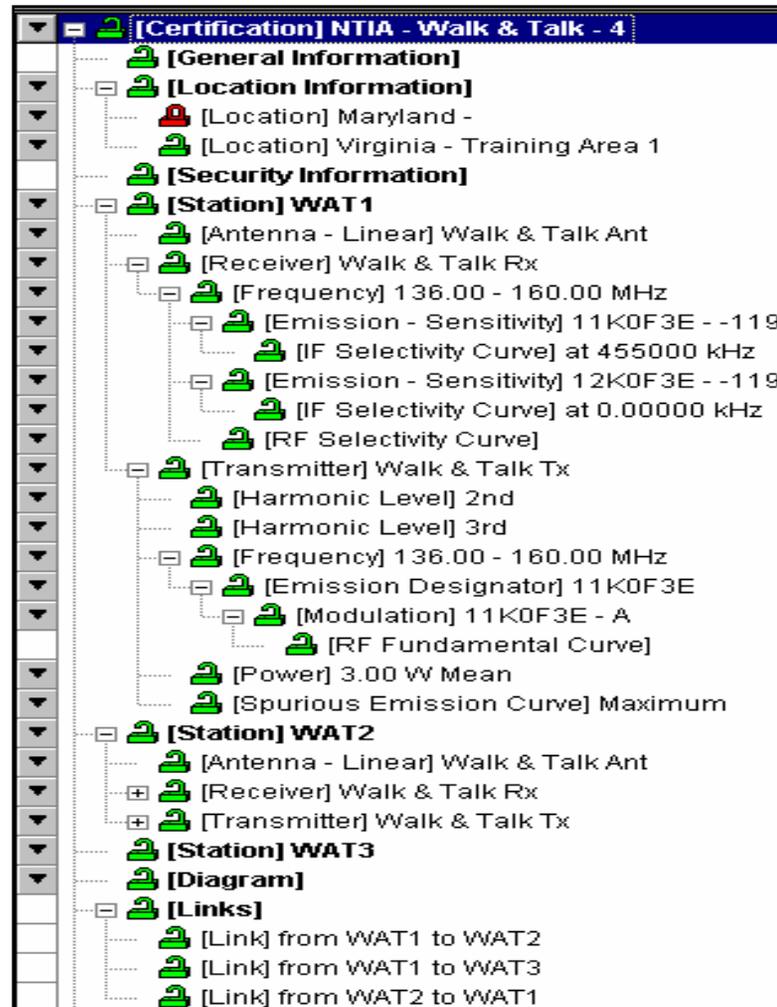
# EL-CID

## How is data stored?





# EL-CID Tree View





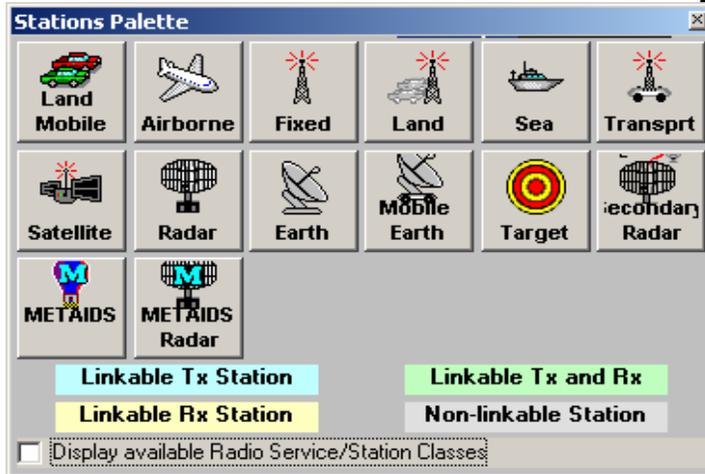
# EL-CID Data Grid



Data Item	Class	Value	Units
<b>Nomenclature</b>	U	Walk & Talk Tx	
Manufacturer	U	RELM COMMUNICATIONS, INC	
Model Name and Number	U	Model 127A	
<b>Approval Status</b>	U	Unapproved	
<b>Date/Time Last Modified</b>		12/1/2004 10:33:51 AM	local
<b>Coordination ID</b>	U	J/F 12	
FCC Acceptance Number	U	K95LT2002	
Frequency Stability (+/-)	U	5	
Frequency Stability Units		ppm	
Output Device	U	Si Bipolar Transistor	
Tuning Method	U	Synthesizer	
Radar or Communications?	U	Communications	
Date/Time Imported			local



# EL-CID Diagram





# EL-CID Diagram



**Stations Palette**

Land Mobile	Airborne	Fixed	Land	Sea	Transport
Satellite	Radar	Earth	Mobile Earth	Target	Secondary Radar
METAIDS	METAIDS Radar				

**Linkable Tx Station**      **Linkable Tx and Rx**  
**Linkable Rx Station**      **Non-linkable Station**

Display available Radio Service/Station Classes

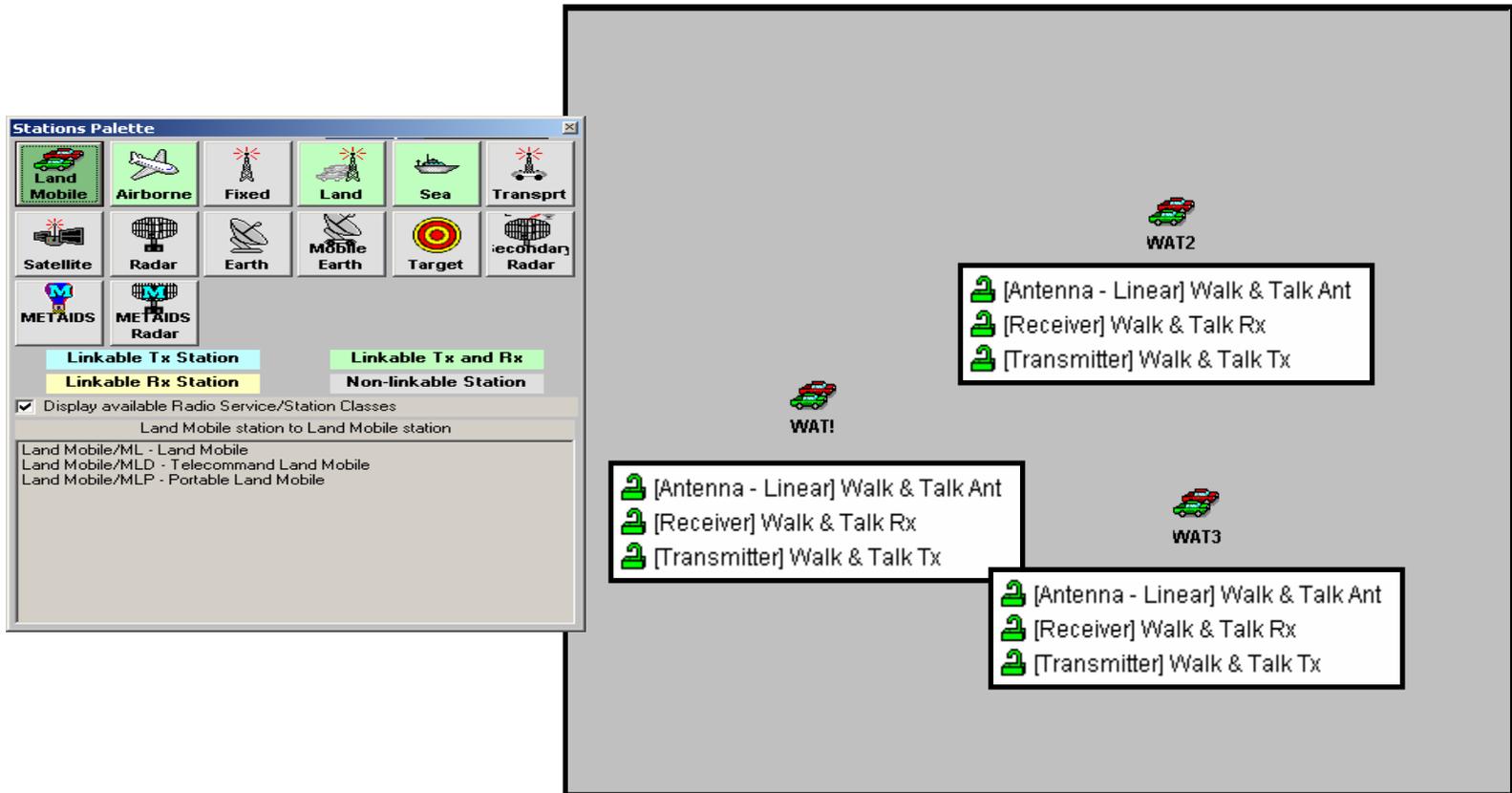
Land Mobile station to Land Mobile station

Land Mobile/ML - Land Mobile  
Land Mobile/MLD - Telecommand Land Mobile  
Land Mobile/MLP - Portable Land Mobile



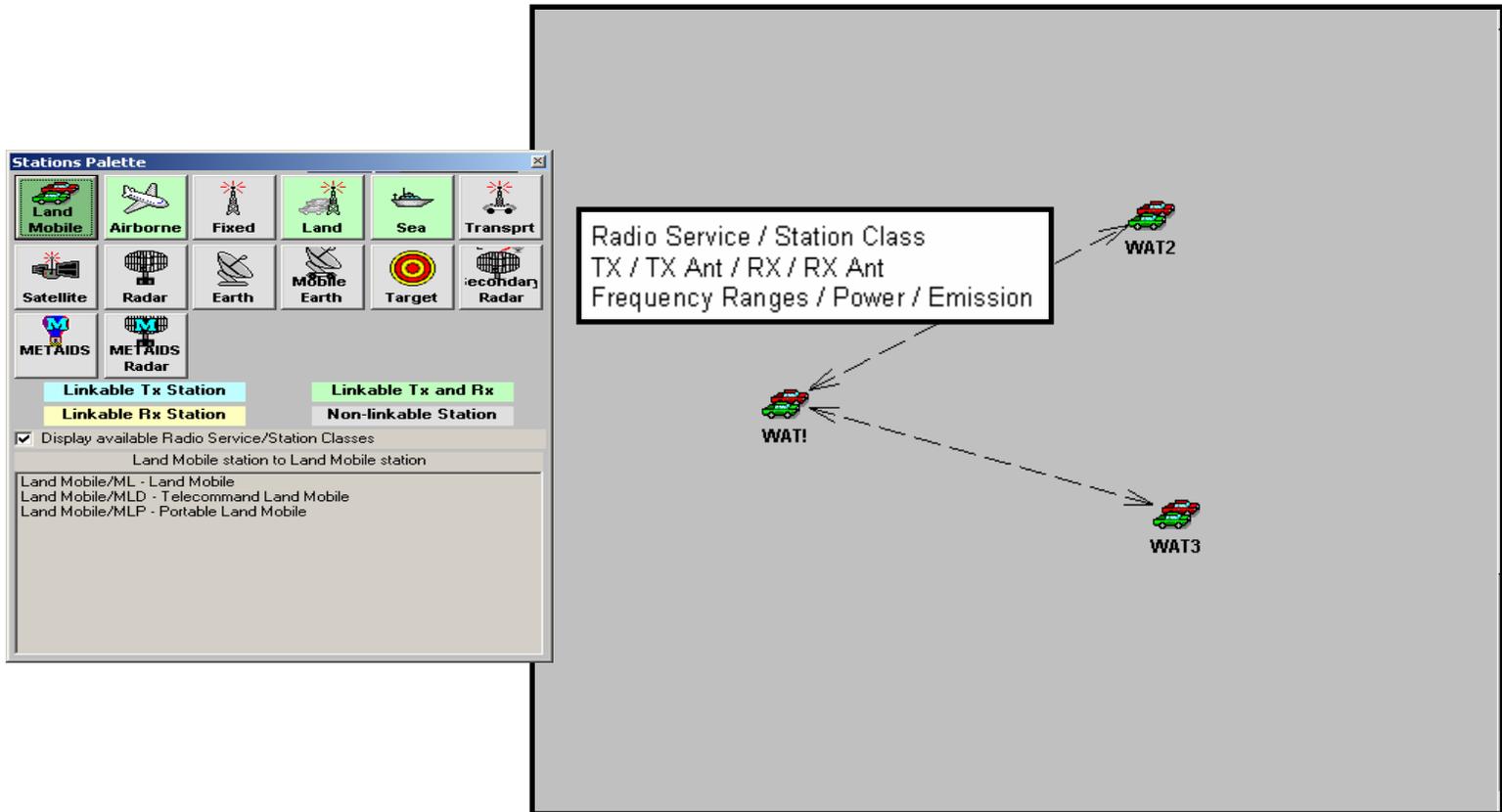


# EL-CID Diagram

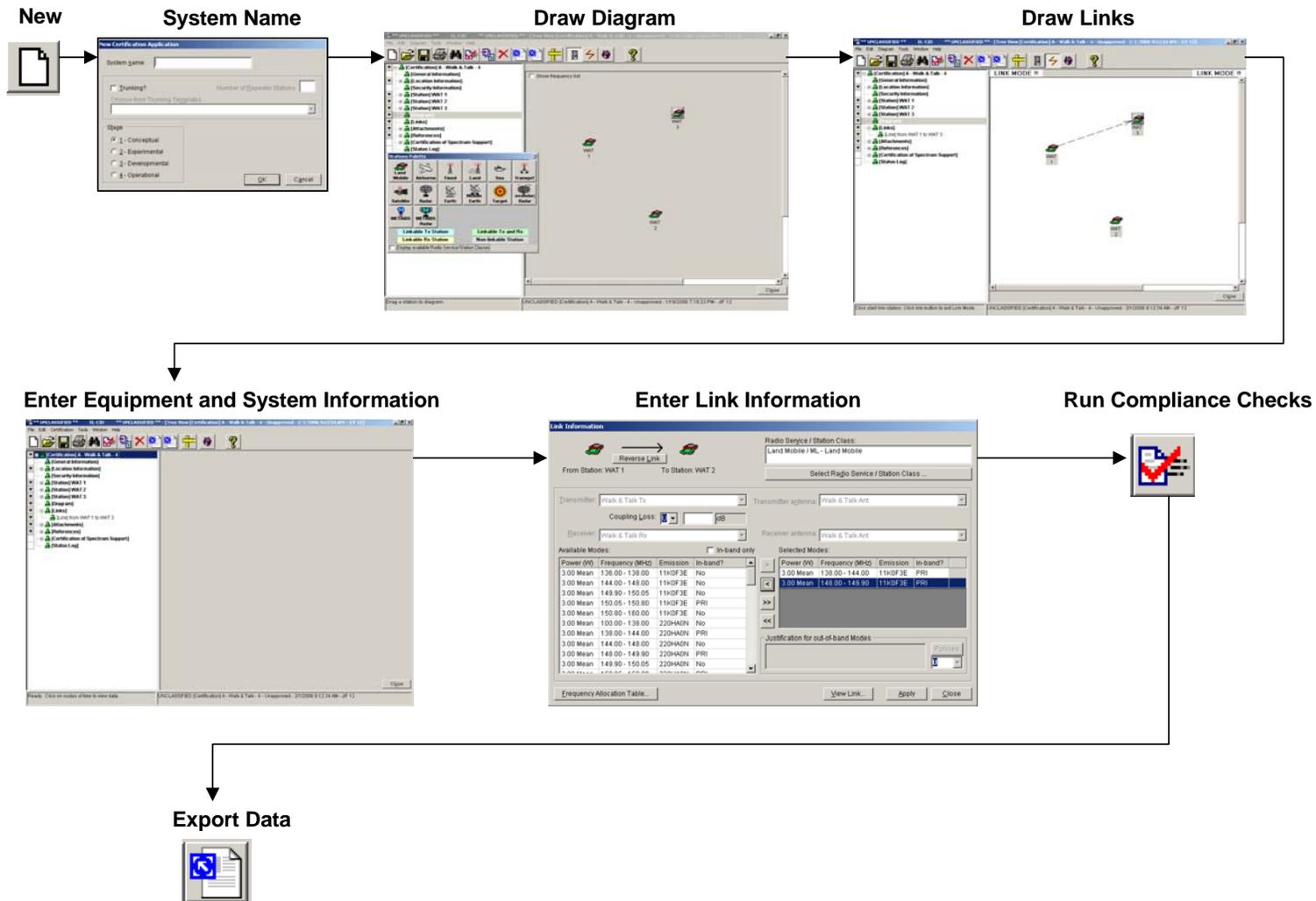




# EL-CID Diagram



# Application Creation Workflow





# EL-CID Resources



- **EL-CID Support Center Web Site**
  - [HTTP://WWW.NTIA.DOC.GOV/OSMHOME/ELCID/](http://www.ntia.doc.gov/osmhome/elcid/)
- **NTIA OSM Web Site**
  - [HTTP://WWW.NTIA.DOC.GOV/OSMHOME/OSMHOME.HTML](http://www.ntia.doc.gov/osmhome/osmhome.html)
- **EL-CID Help Desk**
  - [ELCIDHelp@JSC-ESES.Com](mailto:ELCIDHelp@JSC-ESES.Com)
  - Phone 301.867.2955
- **Help File**
- **Quick Reference Guide**
- **Training CD ROM**
- **NTIA** (Craig Scammon, [CScammon@ntia.doc.gov](mailto:CScammon@ntia.doc.gov))



# EL-CID

## Version 5 Enhancements

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- **Accessibility Enhancements**
  - for users with visual disabilities
- **Enhanced Copy and Paste Capabilities**
- **Trunking System Entry Simplified**
- **Radiation Hazard Model**
- **Proxy records**
- **SRF (System Review File) data available**



# EL-CID Training



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***Let's get  
started***



# Login



- User Name: user##
- Password: ITTAES-21

## *Front of Class*

**user01**

**user02**

**user03**

**user04**

**user05**

**user06**

**user07**

**user08**

**user09**

**user10**

**user11**

**user12**



# Finish Up



- **Please fill out the Student Critique Sheet**
  - NTIA and the JSC welcomes any comments that will help improve the software and the training.
- **You may keep your Training Materials**
- **Read the help file for more detailed info**



# EL-CID

## What We Did Not Cover

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- **Detailed Map instruction**
- **Detailed Query instruction**
- **Database management**
- **Backup and Restore**