

**OPERATOR'S MANUAL
For C2PC
EFFECTS MANAGEMENT TOOLS
(EMT)
VERSION 6.3.1.0A**

DRAFT

(for use with AFATDS Version 6.3.1.0 and C2PC Version 5.9.0.0)



**Effects
Management
Tools**

Raytheon

5 November 2002

This material may be reproduced by or for the U.S. Government pursuant to the copyright license under the clause at DFARS 252.227-7013 (Oct 1988).

Copyright © 2002 Raytheon Company
(UNPUBLISHED WORK). ALL RIGHTS RESERVED.

Revision Status Sheet

Operator’s Manual
For C2PC
Effects Management Tools (EMT)
Version 6.3.1.0A

Revision	Date	Description of Change
Draft	05 Nov 02	MX-25-497, for use with AFATDS Version 6.3.1.0 and C2PC Version 5.9.0.0

TABLE OF CONTENTS

REVISION STATUS SHEET	I
TABLE OF CONTENTS	II
HOW TO USE THIS MANUAL	IV
CHAPTER 1. INSTALLATION	1
1000. GENERAL.....	1
1001. LOAD COMMAND AND CONTROL PC (C2PC) SOFTWARE.....	1
1002. LOAD EFFECTS MANAGEMENT TOOLS (EMT) SOFTWARE.....	1
CHAPTER 2. DESCRIPTION	6
2000. GENERAL.....	6
2001. CAPABILITIES.....	6
CHAPTER 3. OPERATION	8
3000. GENERAL FUNCTIONS.....	8
3001. PREPARE THE AFATDS SERVER FOR CLIENT USE.....	8
3002. START THE EMT CLIENT ON THE C2PC WORKSTATION.....	10
3003. THE C2PC MAP DISPLAY.....	12
3003.1 <i>The C2PC Main Menu Bar</i>	13
3003.2 <i>The Tool Bar</i>	16
3003.3 <i>The Tree Panel</i>	17
3004. CALENDAR/TIME TOOL FEATURE.....	20
3005. INITIATE FIRE MISSION.....	21
3006. CHECKFIRING/CANCEL CHECKFIRING.....	25
3007. TARGET LIST WORKSHEET.....	30
3007.1 <i>Tear-off a list</i>	31
3007.2 <i>Create an ASR</i>	32
3007.3 <i>Create an ASL</i>	33
3007.4 <i>Create a Target List</i>	36
3007.5 <i>Import List</i>	38
3007.6 <i>Export List</i>	41
3008. ESTABLISH TARGET.....	44
3009. MISSION STATUS SCREEN.....	48
3010. TARGET TYPE WORKSHEET.....	52
3011. NEW GEOMETRY.....	55
3012. NO STRIKE LIST.....	58
3013. GEOMETRY REPORT.....	65
3013.1 <i>Import Geometries from an Excel Spreadsheet</i>	68
3013.2 <i>Export Geometries to an Excel Spreadsheet</i>	69
3013.3 <i>To Search For Particular Geometries</i>	69
3013.4 <i>Create New Geometry</i>	77
3013.5 <i>Copy Geometry From Worksheet</i>	78
3013.6 <i>Center Map on Geometry From Worksheet</i>	78
3013.7 <i>View/Edit Geometry From Worksheet</i>	79
3013.8 <i>Delete Geometry/Geometries From Worksheet</i>	79
3014. TARGET REPORTS.....	80
3014.1 <i>Mission Fired Report</i>	83
3014.2 <i>Counterfire Report</i>	89
3014.3 <i>Air Support List Report</i>	95

3015.	UNIT REPORTS	101
3016.	VIEW UTO.....	111
3017.	GUIDANCES.....	117
3017.1	<i>High Value Targets</i>	118
3017.2	<i>Priority Of Fires</i>	119
3017.3	<i>Target Management Matrix (TMM)</i>	119
3017.4	<i>Targeted Area of Interest (TAI)</i>	120
3017.5	<i>Mission Cutoff</i>	120
3017.6	<i>Prioritization</i>	121
3017.7	<i>Target Selection Standards (TSS)</i>	121
3017.8	<i>On Call Precedence</i>	122
3018.	USER PREFERENCES	123
3019.	COORDINATE CONVERSION TOOL	134
3020.	DISPLAY WHITEBOARD TOOLBOX [SEE SECTION 3015.3]	135
3021.	COLLABORATION TOOLS.....	136
3021.1	<i>Collaboration Channels</i>	136
3021.2	<i>Coordination Request</i>	144
3021.3	<i>Whiteboarding</i>	152
3022.	DYNAMIC FILTER WINDOW	156
3023.	OFFLINE SESSION	161
3024.	LOG.....	167
3025.	UNIT MOVE.....	170
INDEX	175

How to Use This Manual

1. **Use.** This manual is intended for use as a detailed reference for specific tasks performed in C2PC for using the Effects Management Tools (EMT) client.
2. **Design.** The manual is constructed in chapters related to specific task areas and functions that the C2PC operator must perform, these chapters are:
 - a. **Chapter 1. Installation.** Chapter 1 provides three sections; section one is a general introduction, which explains the basic installation of the client software on a laptop computer. Section two directs the user to the Command and Control PC (C2PC) Users Guide for C2PC software installation instructions. Section three has basic installation procedures used for installing the Effects Management Tools (EMT) software with step-by-step instructions.
 - b. **Chapter 2. Description.** Chapter 2 provides two sections; section one is a basic general overview statement of the Effects Management Tools (EMT) client functionality. Section two contains a list of the basic features of the Effects Management Tools (EMT) client.
 - c. **Chapter 3. Operation.** Chapter 3 provides twenty-four different sections containing step-by-step instructions on how to use each of the various features/functions of the Effects Management Tools (EMT) client.
3. **Conventions used in this publication.** This publication is procedure oriented. Where appropriate, fundamental information is provided at the beginning of the chapter that supports the tasks that follow. This information is in paragraph form. Specific tasks that follow are for the most part standalone and complete.

EXAMPLE

Display the EMT Current Situation.

This Procedure opens and displays the EMT Current Situation map.

Step	Action	Result/Explanation
1.	Click Tools EMT .	The EMT current menu bar displays and an EMT tab is added to the C2PC map.

The first time the C2PC map is displayed, the World Vector Shoreline map displays the entire world. After the C2PC is connected to a database the current situation is displayed, the map is scaled to and centered on the data received from the server.

Chapter 1. Installation

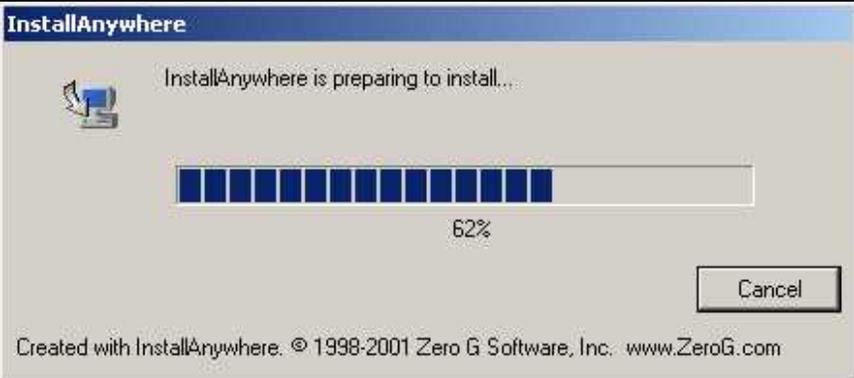
1000. General

Client software is loaded to the PC or laptop in two parts. The Command and Control PC (C2PC) software is loaded to provide mapping services to the client. The Effects Management Tools (EMT) software is loaded to provide a limited subset of AFATDS Fire Support functionality and is loaded separately.

1001. Load Command and Control PC (C2PC) Software

1. Load C2PC in accordance with the Command and Control PC (C2PC) User's Guide for Version 5.9.0.0 (Chapter 2, section 2.2 - Installation Types).
2. The Effects Management Tools (EMT) software can now be loaded.

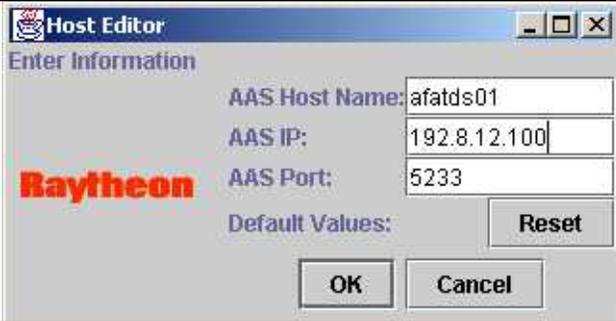
1002. Load Effects Management Tools (EMT) Software

Load Effects Management Tools (EMT) Software		
Step	Action	Result/Explanation
NOTE: A map engine, currently C2PC or JMTK, must be loaded prior to installing the Effects Management Tools (EMT) software.		
1.	Insert the Client Installation CDROM.	
2.	From the Start menu, select Run	
3.	Browse to the CD drive and run the EMTsetup.exe program.	
4.	The InstallAnywhere window opens and provides the operator with a progress indicator showing the progress of loading the EMT installation program.	
		
5.	Upon completion of the loading of the EMT software, the operator is presented with the initial Effects Management Tools installation window.	

Load Effects Management Tools (EMT) Software		
Step	Action	Result/Explanation
		
6.	Click Next .	The operator is presented with option for installation directory folder location.
		
7.	Enter the desired location for installation of the EMT software. Click Next .	The operator is presented with option for which map components to be loaded. Default is all three components selected.

Load Effects Management Tools (EMT) Software		
Step	Action	Result/Explanation
		
8.	Click Install .	The Effects Management Tools (EMT) software begins to be installed to the directory folder location chosen.
		
9.	Upon completion of the installation process the operator is given an Install Complete message window. Click Done .	

Load Effects Management Tools (EMT) Software		
Step	Action	Result/Explanation
		 <p>The screenshot shows a window titled "Effects Management Tools" with a blue title bar. On the left is a large graphic of a house with "Effects Management Tools" written in a red, stylized font around it and "EMT" on a red banner at the bottom. On the right, the text reads "Install Complete" in bold, followed by "Congratulations! The installation is complete. Press 'Done' to quit the installer." At the bottom, there are "Cancel", "Previous", and "Done" buttons. The text "InstallAnywhere by Zero G" is visible at the bottom left of the window.</p>
10.	After the Done button is pressed the installation software begins the configuration process to properly configure the software.	
		 <p>The screenshot shows the same "Effects Management Tools" window. The text on the right now reads "Please Wait" in bold, followed by "Please wait, Effects Management Tools is being configured for your system. This may take a moment...". At the bottom, the buttons are "Cancel", "Previous", and "Next". The text "InstallAnywhere by Zero G" is visible at the bottom left of the window.</p>

Load Effects Management Tools (EMT) Software		
Step	Action	Result/Explanation
11.	As part of the configuration process the operator will be presented with the Host Editor window which will allow the operator to designate the primary AFATDS Server host for the client to connect. Enter the AAS Host Name and AAS IP address.	NOTE: The hostname is the name assigned to the AFATDS workstation when software is initially loaded. The hostname appears before the prompt in a Unix xterm window and is also known as the COE name. To verify correct entries, ping the AFATDS Server by IP and hostname after changing host file.
		
12.	Click OK .	The Host Editor window closes and the installation configuration process continues. Shortly, the Effects Management Tools installation window closes. The Effects Management Tools (EMT) software is now ready for use.
NOTE: To update the AAS Host Name and AAS IP after installation use the Host Editor by selecting Start Programs EMT Utilities Set AFATDS Info .		
13.	OPTIONAL: To create startup Icon on the Windows Quick Launch menu bar. Click Start Programs C2PC and highlight the C2PC Client option. Right mouse click and drag the C2PC Client Icon to the bottom Windows Quick Launch menu bar. Release the Icon and select Copy Here . This Icon can also be dropped on the Desktop , as a shortcut as well, which ever is more desirable to the operator.	Refer to section 3001 for AFATDS Server setup and section 3002 for starting the Effects Management Tools (EMT) client.

Chapter 2. Description

2000. General

The Effects Management Tools (EMT) is a full-featured client that is capable of rendering AFATDS tactical objects to its map, and to allow manipulation of these objects. This allows the depiction of unit symbols registered to the correct location on the map, accurate placement of battlefield geometries and fire support coordination measures, and display of target symbols. The EMT allows for data 'drill down' on the objects to interrogate them and display information maintained within AFATDS. The agility and responsiveness of the interface is dramatically evident through the display of firing vectors for active missions being processed in AFATDS. The client operator performs specific tasks and is 'shielded' from the other AFATDS functions and AFATDS administration.

2001. Capabilities

- 2001.1 Calendar/Time Tool
- 2001.2 Initiate Fire Mission
- 2001.3 Checkfiring/Cancel Checkfiring
- 2001.4 Use Target List Worksheet
 - 2001.4.1 Create Target Lists
 - 2001.4.2 Create an Air Support List (ASL)
 - 2001.4.3 Create ASRs on an ASL
 - 2001.4.4 Import a spreadsheet of ASRs to an existing ASL
 - 2001.4.5 Export a list of ASRs to a spreadsheet
 - 2001.4.6 Import a spreadsheet of targets to a Target List
 - 2001.4.7 Export a list of targets to a spreadsheet
 - 2001.4.8 Display target data
- 2001.5 Establish Target
- 2001.6 View Mission Status Screen
- 2001.7 Use Target Type Worksheet
 - 2001.7.1 Create New User Defined Target Types
- 2001.8 New Geometry
 - 2001.8.1 Create New AFATDS Geometries
 - 2001.8.2 Create New Local Geometries
- 2001.9 Use No Strike List
 - 2001.9.1 Create Protected Areas using No Strike List
- 2001.10 Reports
 - 2001.10.1 Use Geometry Report
 - 2001.10.1.1 Use Geometry Worksheet
 - 2001.10.1.2 Display Geometry data
 - 2001.10.1.3 Import a spreadsheet of geometries
 - 2001.10.1.4 Export a list of geometries
 - 2001.10.2 Use Target Reports
 - 2001.10.2.1 Use Target Reports Worksheets
 - 2001.10.2.2 Create Mission Fired Reports
 - 2001.10.2.3 Create Counterfire Reports
 - 2001.10.2.4 Create Air Support List Reports
 - 2001.10.3 View Unit Reports
- 2001.11 View Unit Task Organization (UTO) Tool
- 2001.12 View Guidances – Current Situation
 - 2001.12.1 High Value Targets
 - 2001.12.2 Priority of Fires
 - 2001.12.3 Target Management Matrix
 - 2001.12.4 TAI
 - 2001.12.5 Mission Cutoff

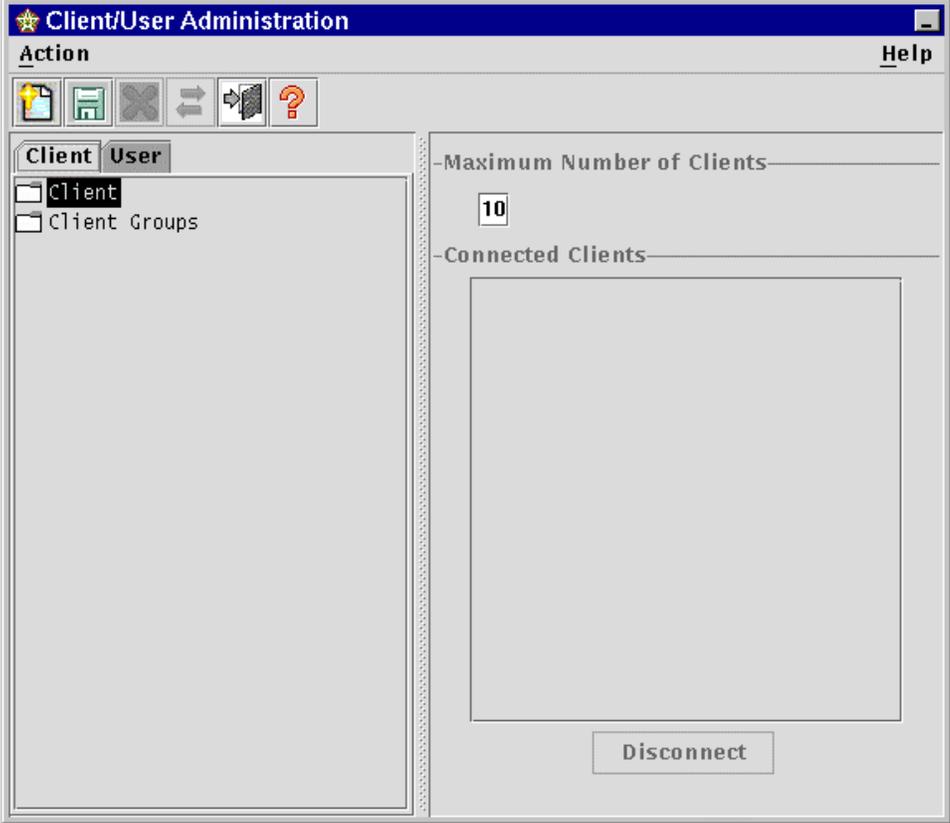
- 2001.12.6 Prioritization
- 2001.12.7 Target Selection Standards
- 2001.12.8 On Call Precedence
- 2001.13 Modify User Preferences
- 2001.14 Coordinate Conversion Tool
- 2001.15 Dynamic Filter Window
- 2001.16 Display Whiteboard Tools
- 2001.17 Use Collaboration Tools
 - 2001.17.1 Chat
 - 2001.17.2 Coordination Requests
 - 2001.17.3 Whiteboarding
- 2001.18 Offline Session
- 2001.19 View Log File
- 2001.20 Unit Moves
- 2001.21 Display Unit/Track data

Chapter 3. Operation

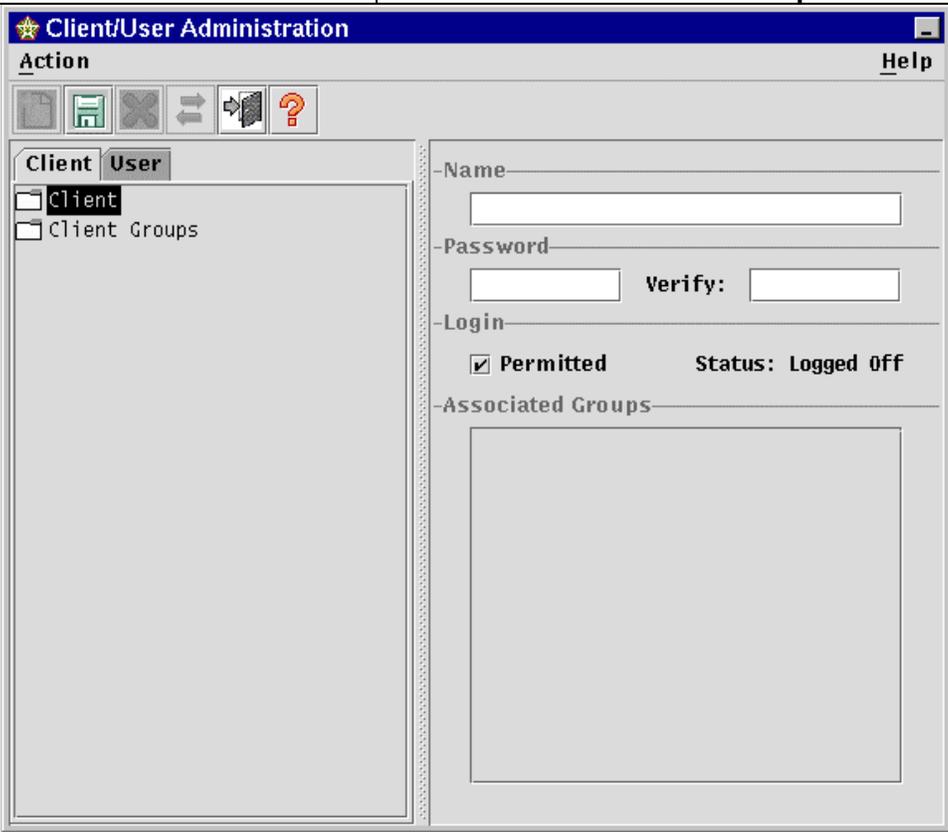
3000. General Functions

3001. Prepare the AFATDS server for client use

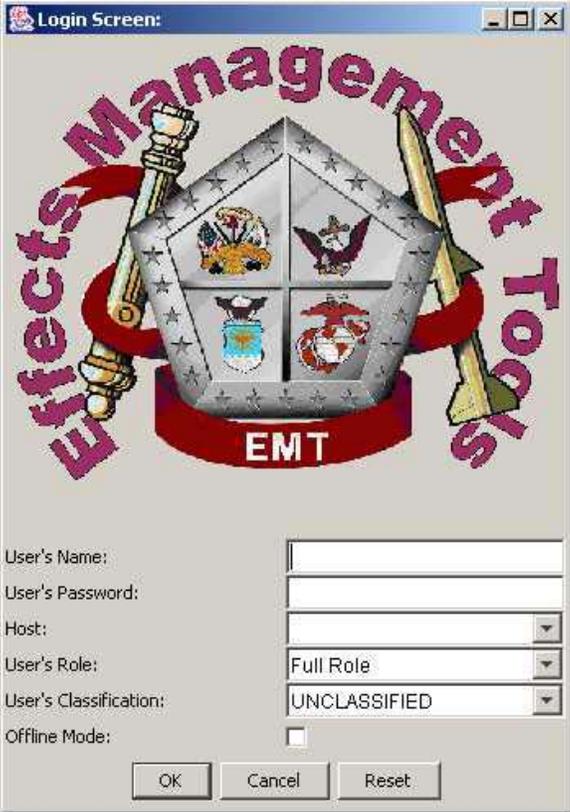
Prepare the AFATDS server for client use

Step	Action	Result/Explanation
1.	On the AFATDS select System Administration Client/User.	The Client/User Administration window displays.
		
2.	To create a new user select, the  icon.	The Client/User Administration window provides options for adding new users.

Prepare the AFATDS server for client use

Step	Action	Result/Explanation
		
3.	In the Name field, type the user name assigned to a client laptop.	
4.	In the Password field, type the password this user is assigned.	
5.	In the Verify: field, re-type the password.	
6.	Click the  button.	The user name is added to the list on the left side of the window under Client .
7.	Click the  icon.	This will allow the user to associate or disassociate a client user with a group. NOTE: The user must be associated with a Client Group.
8.	Additional users may be added by repeating steps 3-7 or the Client/User Administration window may be closed by clicking Action Exit .	

3002. Start the EMT Client on the C2PC Workstation**Start the client application at the C2PC Workstation**

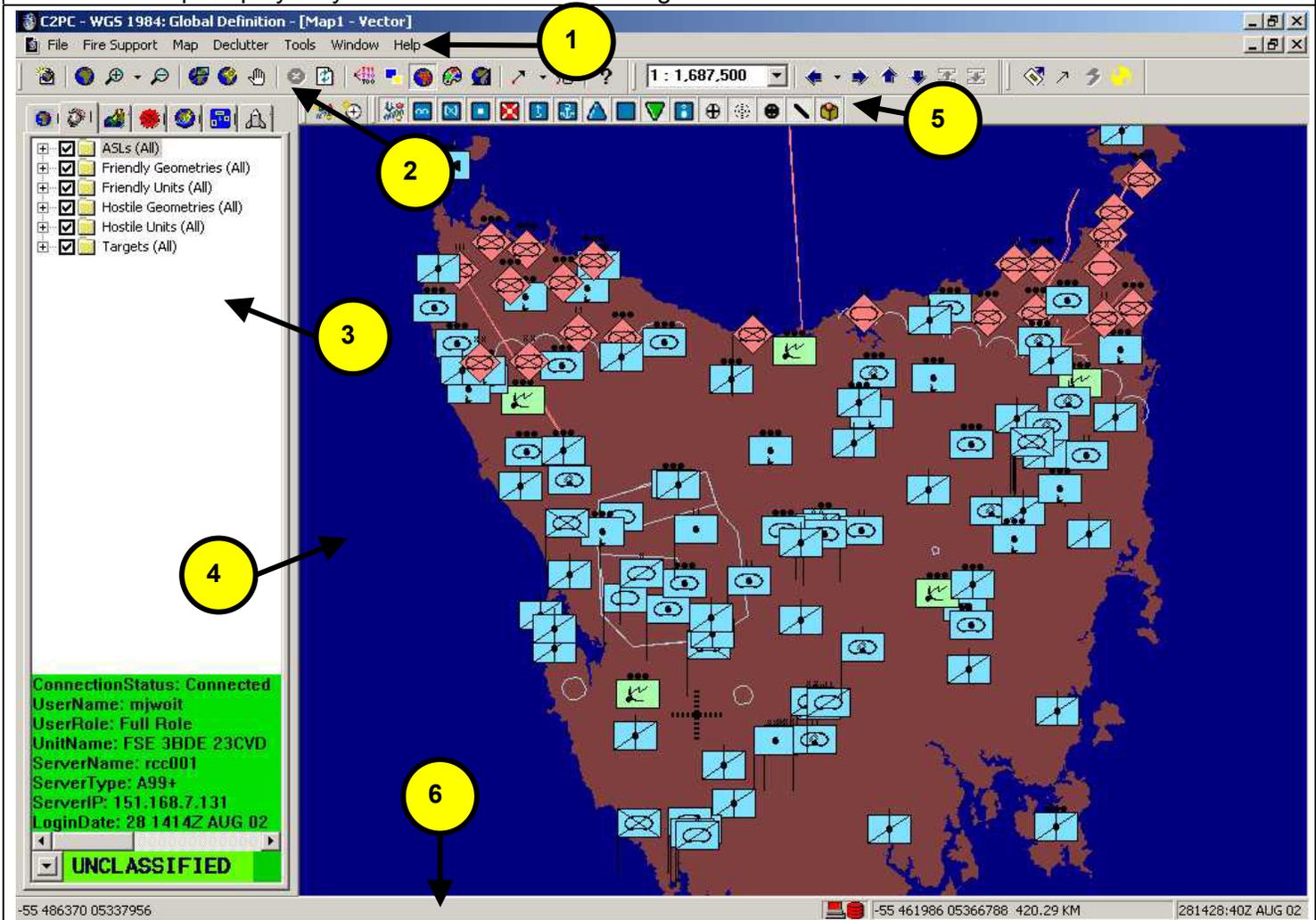
Step	Action	Result/Explanation
1.	Start the EMT client on C2PC.	
a.	From the C2PC Workstation select Tools EMT . NOTE: If EMT is not displayed in the list under the Tools option, select the Injector Manager option and ensure that the EMT checkbox is checked.	The Effects Management Tools (EMT) software starts and the Login Screen window opens. NOTE: The Login Screen window takes approximately one minute to display.
		
2.	Define the AFATDS server	
a.	In the Host field, type the hostname of the AFATDS server. The IP address can also be used.	NOTE: The hostname is the name assigned to the AFATDS workstation when software is initially loaded. The hostname appears before the prompt in a Unix xterm window and is also known as the COE name. To verify correct entries, ping the AFATDS Server by IP and hostname after changing host file.
b.	Select the User's Role .	Settings for the User's Role can be set in the Preference table [Fire Support Utilities Preferences] to enable or disable specific features/functionality's for each designated user's role. NOTE: These roles are only specific to the client and have no direct correlation with the AFATDS user roles.
c.	Set the appropriate User's Classification of the AFATDS workstation.	
3.	Login	
b.	Click the User's Name field and type the username.	

Start the client application at the C2PC Workstation		
Step	Action	Result/Explanation
c.	Click the User’s Password field and type the password.	
6.	NOTE: If there has been a previous login and the user preferences were set for using the Offline mode, the Offline Mode checkbox may be selected to enter the Offline Mode .	The user will be logged in Offline Mode .
7.	Click the OK button.	A screen of changing pictures displays as data loads from the server to the client. A message is displayed at the bottom left hand corner of the window stating, “ Login in Progress, Please Wait! ” This message should change to Login Successful! after approximately one minute, and the screen will disappear.



3003. The C2PC Map Display

The C2PC Map Display may be divided into the following functional areas:



1	The Main Menu Bar provides drop-down menus that allow the operator to perform fire support, track management, and map functions.
2	The Tool Bar displays icons used to manipulate the map display and scale and to filter the overlaid unit, target and geometry symbology.
3	The Tree panel contains a directory tree that can be expanded to display lists of units, geometry, target lists and targets, and air support lists and the status of individual units, geometries, targets, and air support requests.
4	The C2PC Map provides visualization of the default vector or loaded NIMA map products as well as unit, geometry and target data provided by the C2PC/AFATDS server.
5	The EMT Tool Bar displays the icons used to manipulate the map display to filter the overlaid unit, target and geometry symbology directly related to the AFATDS server.
6	The Status Bar displays the status of the Gateway (receiving data from C2PC Server), the cursor location and the laptop date and time.

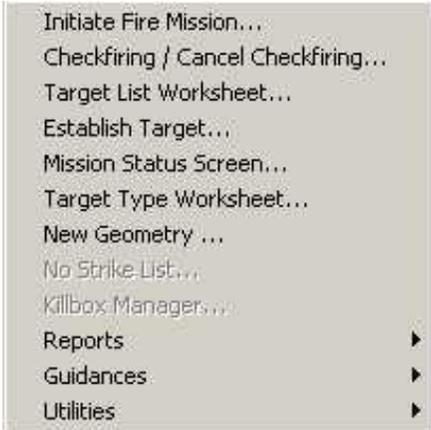
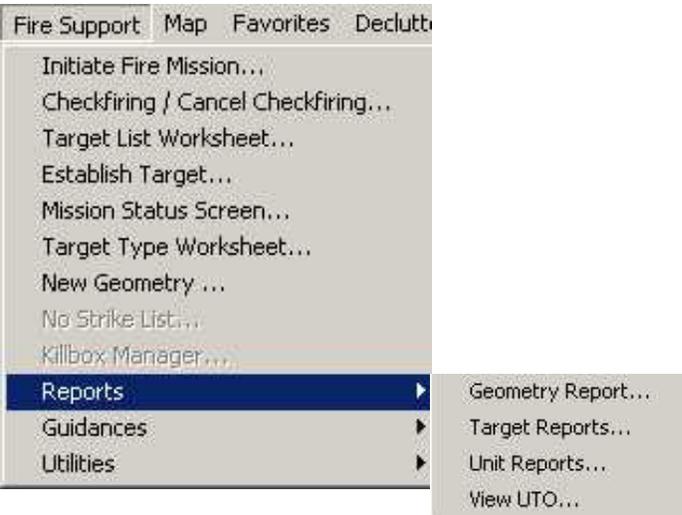
3003.1 The C2PC Main Menu Bar.

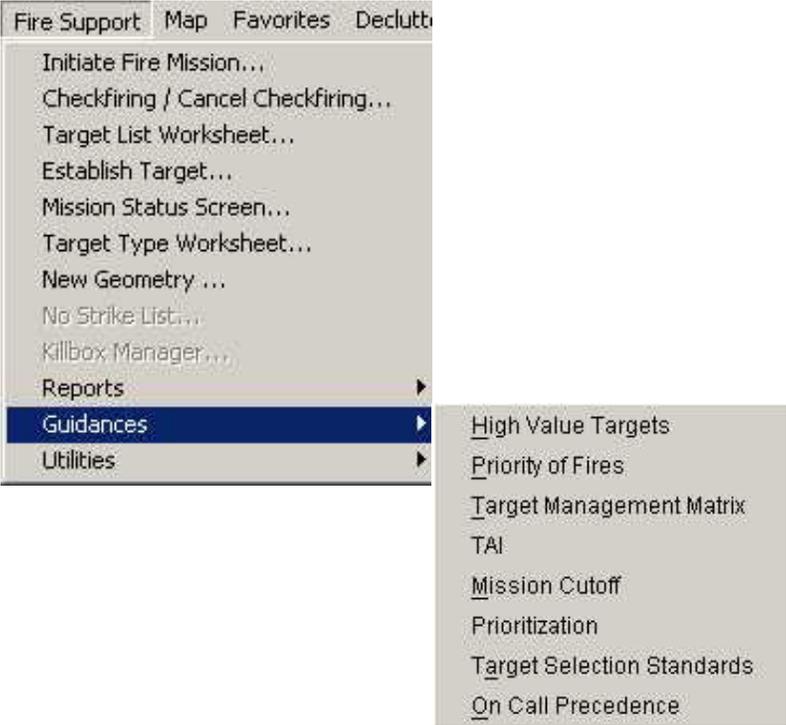
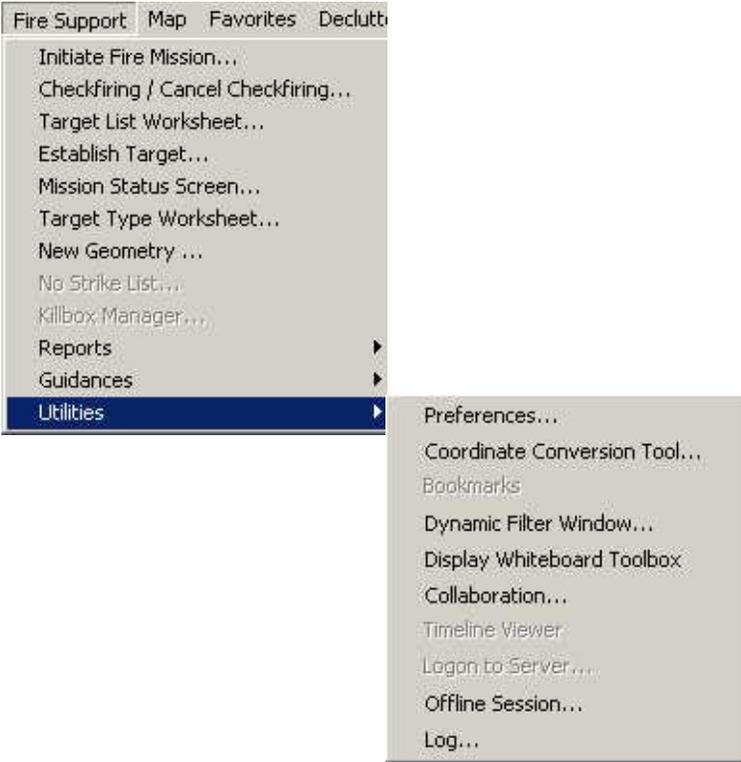
The C2PC Main Menu Bar provides the following menus:



NOTE: The functions available in the above menu bar can be found in the C2PC User’s Guide in Section 3.2 on page 29. After the EMT Client has been started and the user has logged in, the EMT Client adds the **Fire Support** menu option to the Main Menu Bar and provides the following options:



<p>Fire Support</p>	<p>The Fire Support menu allows access to the AFATDS database and some fire support functions. These are:</p> <ul style="list-style-type: none"> Initiate Fire Mission Checkfiring / Cancel Checkfiring Target List Worksheet Establish Target Mission Status Screen Target Type Worksheet New Geometry No Strike List Killbox Manager Reports Guidances Utilities 
<p>Reports</p>	<p>The Reports menus allows access to the listed reports drawn from selected data within the AFATDS Server:</p> <ul style="list-style-type: none"> Geometry Report Target Reports Unit Reports View UTO 

<p>Guidances</p>	<p>The Guidances menus allows access to the listed guidances reports from selected data within the AFATDS server:</p> <ul style="list-style-type: none"> High Value Targets Priority of Fires Target Management Matrix TAI Mission Cutoff Prioritization Target Selection Standards On Call Precedence 
<p>Utilites</p>	<p>The Utilities menus allows access to the listed utilities to aid the EMT User:</p> <ul style="list-style-type: none"> Preferences Coordinate Conversion Tool Bookmarks Dynamic Filter Window Display Whiteboard Toolbox Collaboration Timeline Viewer Logon to Server Offline Session Log 

3003.2 The Tool Bar

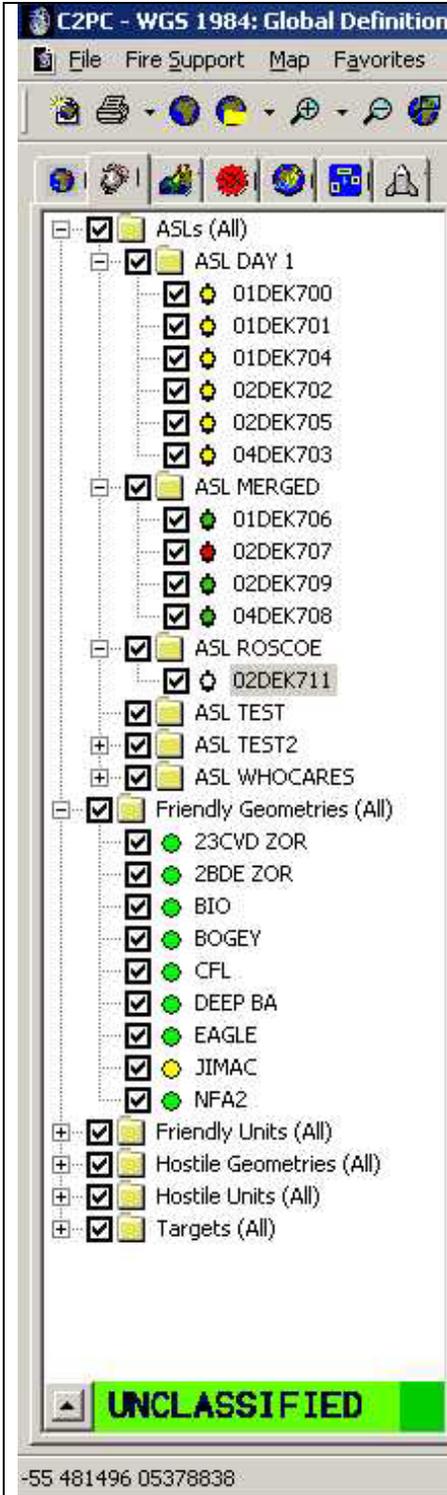
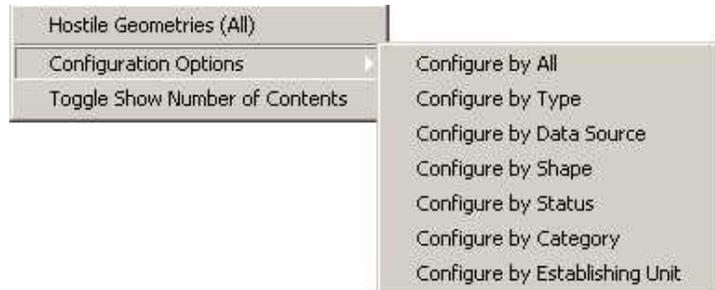
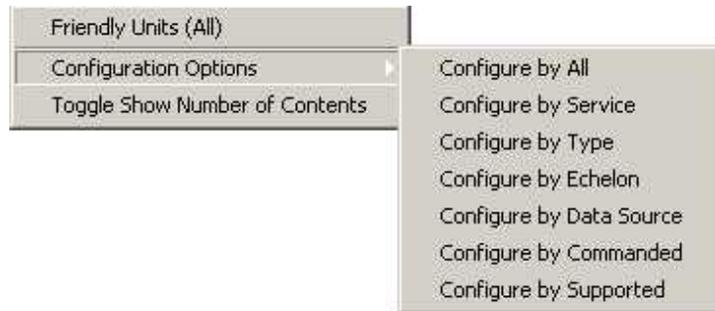
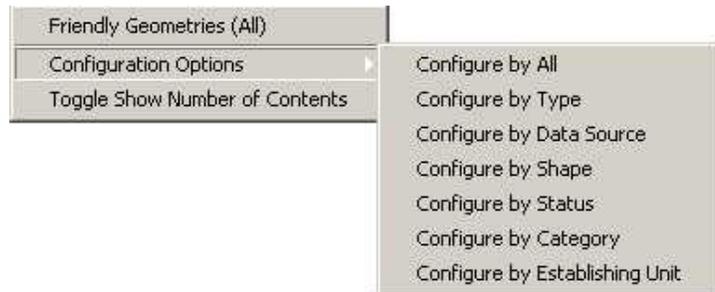
The Tool Bar provides the following icons:

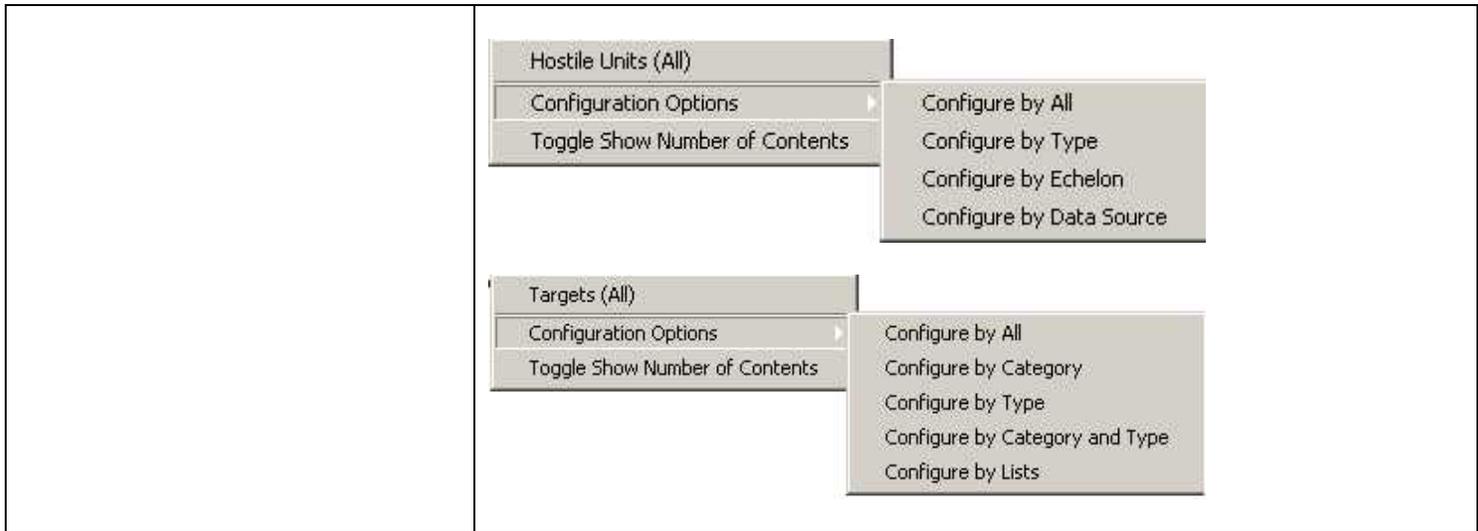
Icon	Function
	Used to display the Geometries Overlay (On and Off).
	Used to display the Air Units Overlay (On and Off).
	Used to display the Aviation Units Overlay (On and Off).
	Used to display the Canon Units Overlay (On and Off).
	Used to display the Enemy Units Overlay (On and Off).
	Used to display the Mortar Units Overlay (On and Off).
	Used to display the Naval Units Overlay (On and Off).
	Used to display the Observer Units Overlay (On and Off).
	Used to display the Other Units Overlay (On and Off).
	Used to display the Radar Units Overlay (On and Off).
	Used to display the Rocket Units Overlay (On and Off).
	Other targets filter icon. When clicked, causes any non-active or non-inactive target symbols to be removed from the map. The icon then displays a "raised" appearance. Clicking the icon again causes the other target symbols to display again and the icon to appear "depressed."
	Inactive targets filter icon. When clicked, causes inactive target symbols to be removed from the map. The icon then displays a "raised" appearance. Clicking the icon again causes the inactive target symbols to display again and the icon to appear "depressed."
	Active targets filter icon. When clicked, causes active target symbols to be removed from the map. The icon then displays a "raised" appearance. Clicking the icon again causes the active target symbols to display again and the icon to appear "depressed."
	Mission Vectors filter icon. When clicked, causes mission vectors to be removed from the map. The icon then displays a "raised" appearance. Clicking the icon again causes the mission vectors to redisplay and the icon to appear "depressed."
	Protected Area filter icon. When clicked, causes created Protected Areas to be removed from the map. The icon then displays a "raised" appearance. Clicking the icon again causes the created Protected Areas to display again and the icon to appear "depressed."
	Shortcut used to open the "Create New Geometry" window.
	Shortcut used to open the "Create New Target" window.
	Shortcut used to open the "Initiate Fire Mission" window

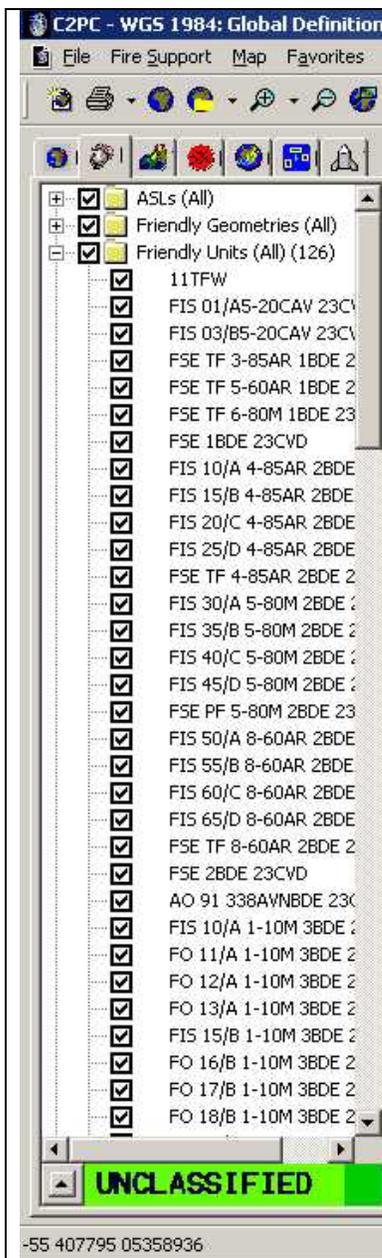
3003.3 The Tree Panel

The Tree Panel displays categories of data that are depicted as symbols on the map.

- Check boxes with a + sign indicates that the tree is collapsed, when the checkbox is clicked the + sign is replaced with a - sign. Clicking the checkbox collapses or expands the tree.
- Check boxes to the left of the file folders are checked for categories of data that are displayed. Clicking a checked box removes the checks and causes symbols of that type to be removed from the map display.
- Geometry status gumball colors are as follows:
 - Active - **Green**
 - Inactive - **Yellow**
 - On-Call Inactive - **White**
 - H-Hour Inactive - **Black**
- Each Tree category can be expanded as well as sorted, as noted below:
- Target status indicator colors follow the Mission Status Screen legend found in Section 3009.







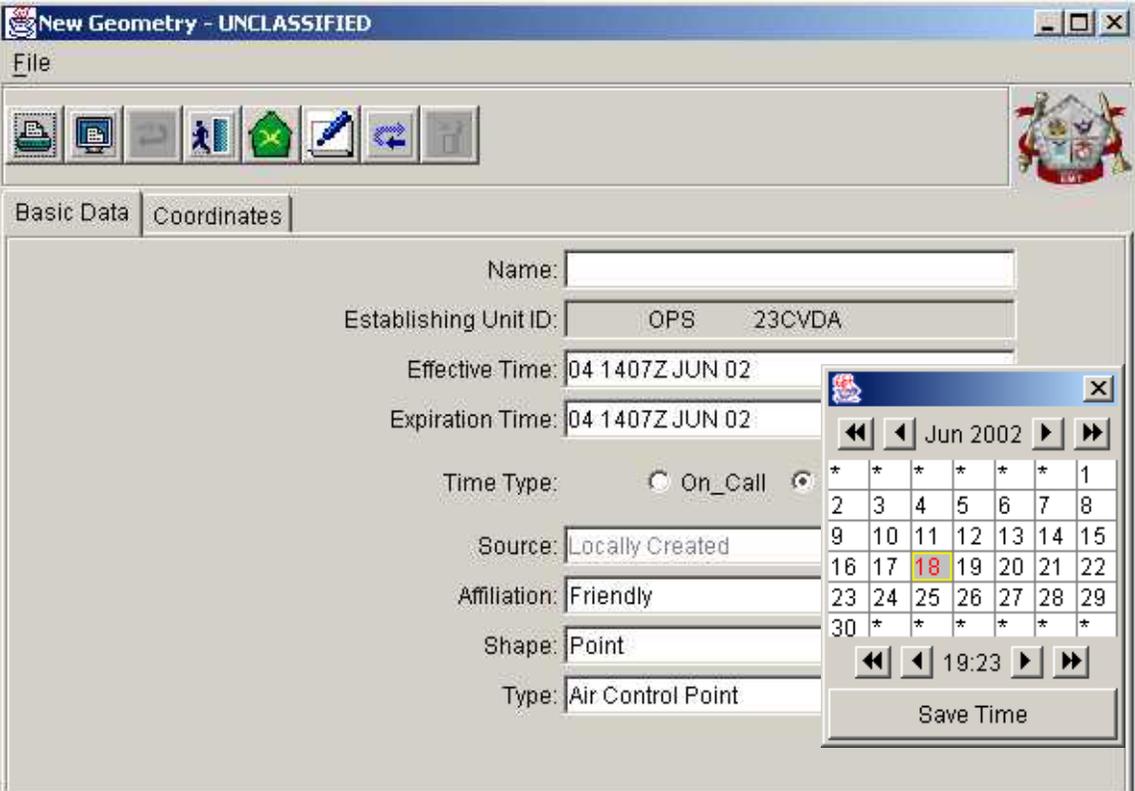
The tree can be expanded for each category of information. At the last level, individual items are listed. To the left, units are expanded to the greatest extent.

Double-clicking the left mouse button on any item causes, based upon the settings in the **Preferences** window under the **Tree View** tab (Default is to **Center on Map**):

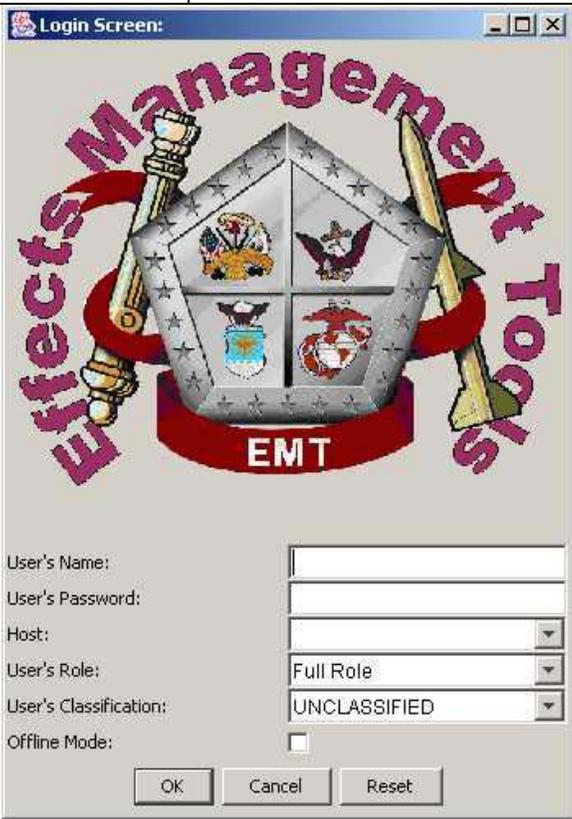
1. The map to center on that symbol.
2. The symbol's **View/Edit** window to open.

3004. Calendar/Time Tool Feature

Calendar/Time Tool Feature

Step	Action	Result/Explanation
Function: This feature allows the operator to establish a Date-Time-Group using a Calendar/Time Tool.		
1.	From any window that contains a Date-Time-Group field, the operator can right mouse click in the field and activate a Calendar/Time Tool. NOTE: The New Geometry window, Effective Time field, is used here only as an example.	
		
2.	Select the date by clicking the desired day in the calendar.	The single arrow buttons at the top of the calendar change the calendar one month for each click; the double arrow buttons change the calendar by one year for each click.
3.	Select the time.	The single arrow buttons at the bottom of the calendar change the time one minute for each click; the double arrow buttons change the time by one hour for each click.
4.	When the desired date and time are selected on the calendar, assign the date/time by clicking the Save Time button on the calendar window.	The Calendar/Time Tool closes and the selected date/time displays in the field.

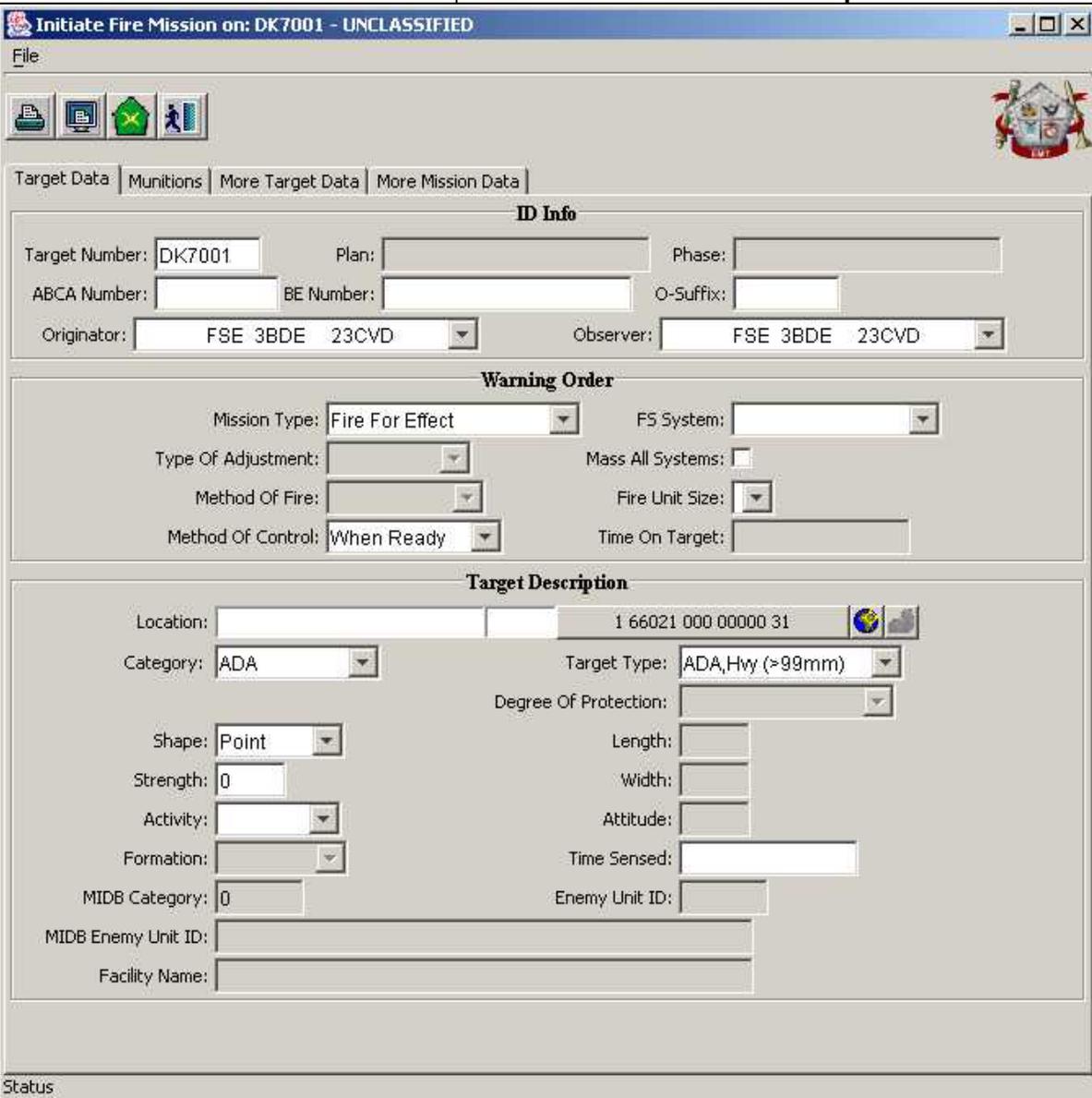
3005. Initiate Fire Mission**Initiate a Fire Mission from the Client**

Step	Action	Result/Explanation
Function: This procedure initiates a fire mission at the AFATDS server. The fire mission is treated as an unobserved mission and no responses are transmitted to the client.		
1.	Start the EMT client on C2PC.	
a.	From the C2PC Workstation select Tools EMT . NOTE: If EMT is not displayed in the list under the Tools option, select the Injector Manager option and ensure that the EMT checkbox is checked.	The Effects Management Tools (EMT) software starts and the Login Screen window opens. NOTE: The Login Screen window takes approximately one minute to display.
		
2.	Define the AFATDS server	
a.	In the Host field, type the hostname of the AFATDS server.	The hostname is the name assigned to the AFATDS workstation when software is initially loaded. The server name appears before the prompt in a Unix xterm window and is also known as the COE name. To verify correct entries ping the AFATDS Server by IP and hostname after changing host file.
b.	Select the User's Role .	Settings for the User's Role can be set in the Preference table [Fire Support Utilities Preferences] to enable or disable specific features/functionality's for each designated user's role.
3.	Login	
4.	Click the User's Name field and type the username.	

Initiate a Fire Mission from the Client

Step	Action	Result/Explanation
5.	Click the User’s Password field and type the password.	
6.	Click the OK button.	A screen of changing pictures displays as data loads from the server to the client. A message is displayed at the bottom left hand corner of the window stating, “ Login in Progress, Please Wait! ” This message should change to Login Successful! after approximately one minute, and the screen will disappear.
		
7.	From the Main Menu Bar select Fire Support Targeting Tools Initiate Fire Mission....	The Initiate Fire Mission on <TGT #> window displays.

Initiate a Fire Mission from the Client

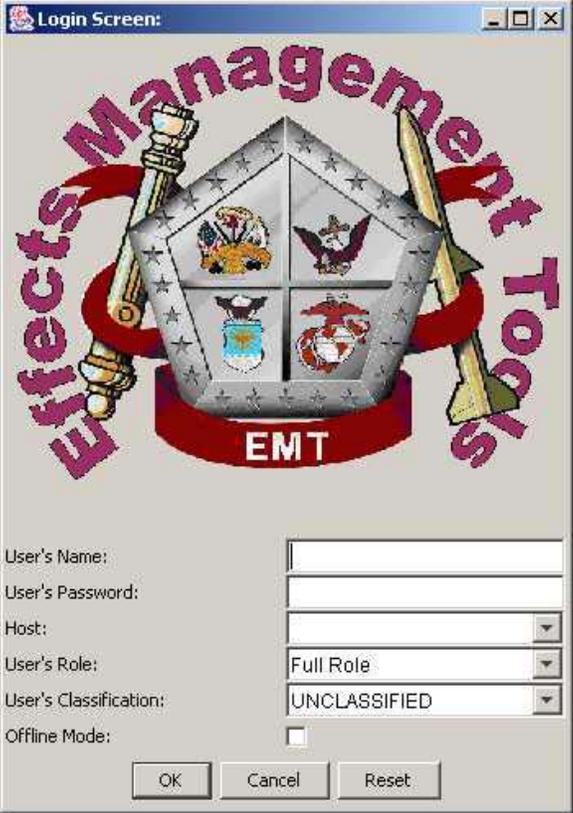
Step	Action	Result/Explanation
		
8.	Enter the minimum data:	
a.	Category	
b.	Target Type	
c.	Location	NOTE: Must also include the altitude of the target as part of the location data.
Or...		
1)	Under Target Description click the Location field and...	
2)	Type the location of the target.	NOTE: Must also include the altitude of the target as part of the location data.
Or...		

Initiate a Fire Mission from the Client		
Step	Action	Result/Explanation
3)	Select a grid from the map by clicking the  icon.	The map displays. Click a location on the map causes the Initiate Fire Mission window to re-display with the selected location. NOTE: Must also include the altitude of the target as part of the location data.
9.	Click the  icon.	The target is added to the AFATDS Active Target List and is processed as a fire mission.



To view the status of the fire request: See section 3009.

3006. Checkfiring/Cancel Checkfiring**Checkfiring/Cancel Checkfiring**

Step	Action	Result/Explanation
Function: This procedure provides the user with the steps necessary to initiate Checkfiring or to cancel Checkfiring.		
1.	Start the EMT client on C2PC.	
a.	From the C2PC Workstation select Tools EMT . NOTE: If EMT is not displayed in the list under the Tools option, select the Injector Manager option and ensure that the EMT checkbox is checked.	The Effects Management Tools (EMT) software starts and the Login Screen window opens. NOTE: The Login Screen window takes approximately one minute to display.
		
2.	Define the AFATDS server	
a.	In the Host field, type the hostname of the AFATDS server. The IP address can also be used.	NOTE: The hostname is the name assigned to the AFATDS workstation when software is initially loaded. The hostname appears before the prompt in a Unix xterm window and is also known as the COE name. To verify correct entries ping the AFATDS Server by IP and hostname after changing host file.
b.	Select the User's Role .	Settings for the User's Role can be set in the Preference table [Fire Support Utilities Preferences] to enable or disable specific features/functionality's for each designated user's role. NOTE: These roles are only specific to the client and have no direct correlation with the AFATDS user roles.
c.	Set the appropriate User's Classification of the AFATDS workstation.	
3.	Login	

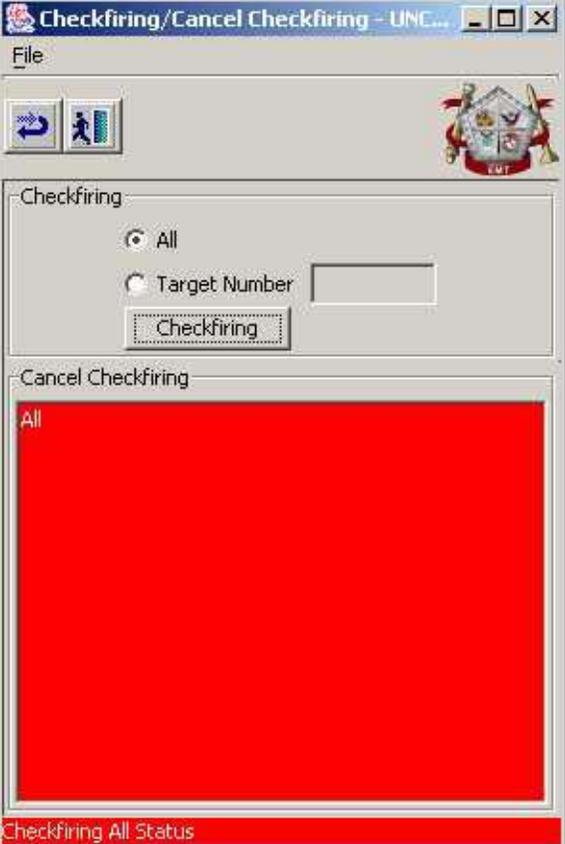
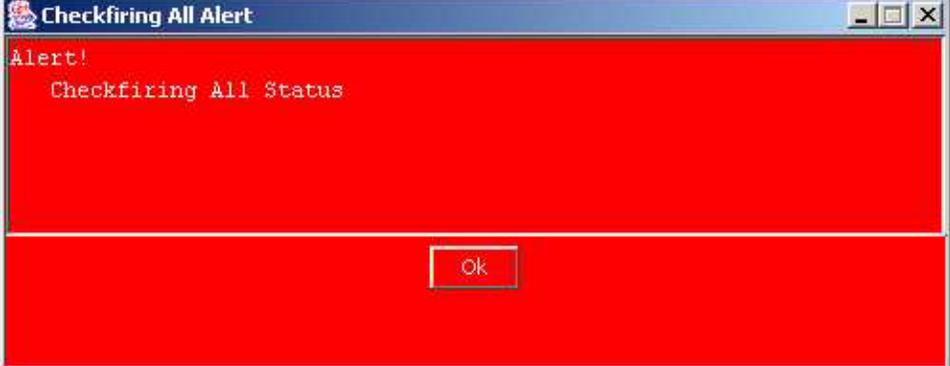
Checkfiring/Cancel Checkfiring		
Step	Action	Result/Explanation
4.	Click the User’s Name field and type the username.	
5.	Click the User’s Password field and type the password.	
6.	Click the OK button.	A screen of changing pictures displays as data loads from the server to the client. A message is displayed at the bottom left hand corner of the window stating, “ Login in Progress, Please Wait! This message should change to Login Successful! after approximately one minute, and the screen will disappear.

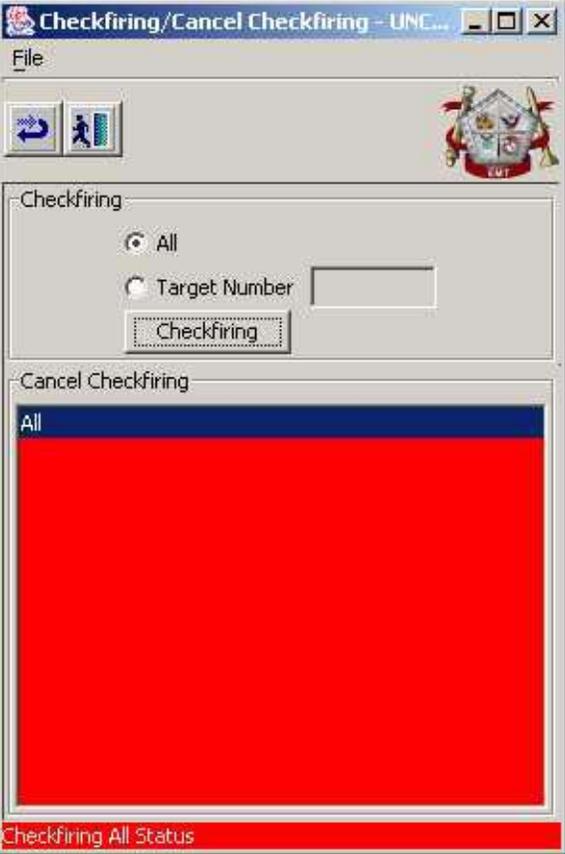


7.	From the Main Menu Bar select Fire Support Checkfiring/Cancel Checkfiring	The Checkfiring/Cancel Checkfiring window opens.
----	---	---



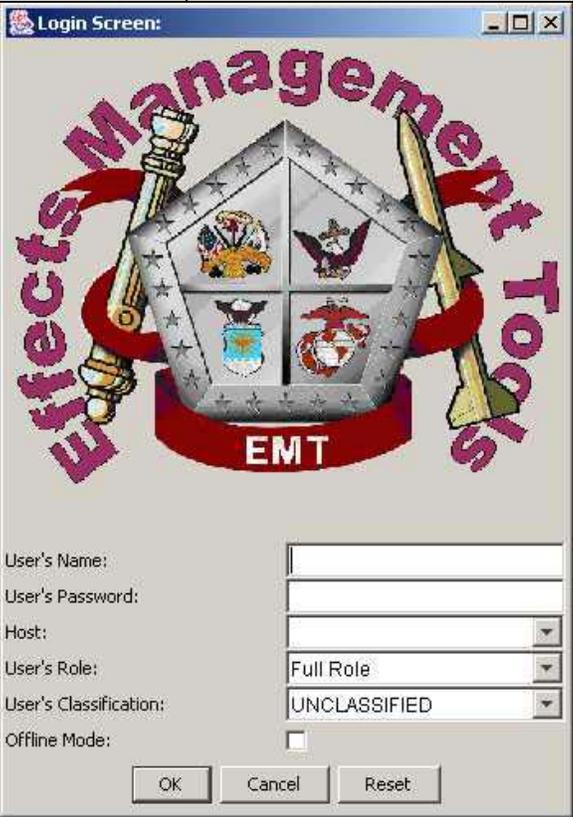
Checkfiring/Cancel Checkfiring

Step	Action	Result/Explanation
8.	To Checkfire All, select the Checkfiring All radio button and then the Checkfiring button.	The Checkfiring/Cancel Checkfiring window changes to RED and on the status line at the bottom of the window indicates Checkfiring All Status .
		
9.	Also the Checkfiring All Alert window opens. To close the window, click the OK button.	The Checkfiring All Alert window closes.
		
10.	To cancel checkfiring, select the ALL line in the Cancel Checkfiring area.	The word ALL highlights.

Checkfiring/Cancel Checkfiring		
Step	Action	Result/Explanation
		
11.	Right mouse click on the highlighted selection and select Cancel Checkfiring .	The Checkfiring/Cancel Checkfiring window changes back to the initial state.

Checkfiring/Cancel Checkfiring		
Step	Action	Result/Explanation
		
<i>Or...</i>		
12.	Click File Cancel Checkfiring from the Checkfiring/Cancel Checkfiring window.	The Checkfiring/Cancel Checkfiring window changes back to the initial state, as shown above.

3007. Target List Worksheet

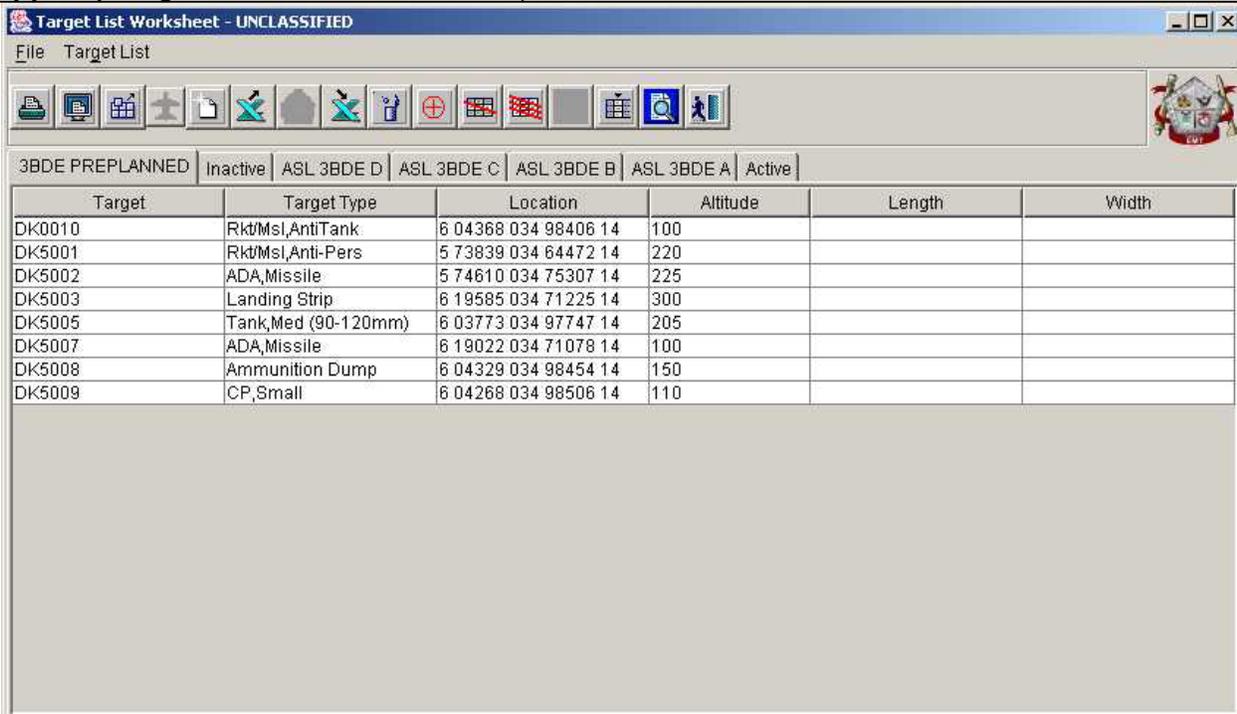
Target List Worksheet		
Step	Action	Result/Explanation
Function: This window displays target lists and ASLs stored at the AFATDS server. It provides tools to manage targets and create ASRs.		
1.	Start the EMT client on C2PC.	
a.	From the C2PC Workstation select Tools EMT . NOTE: If EMT is not displayed in the list under the Tools option, select the Injector Manager option and ensure that the EMT checkbox is checked.	The Effects Management Tools (EMT) software starts and the Login Screen window opens. NOTE: The Login Screen window takes approximately one minute to display.
		
2.	Define the AFATDS server	
a.	In the Host field, type the hostname of the AFATDS server.	The hostname is the name assigned to the AFATDS workstation when software is initially loaded. The server name appears before the prompt in a Unix xterm window and is also known as the COE name. To verify correct entries ping the AFATDS Server by IP and hostname after changing host file.
b.	Select the User's Role .	Settings for the User's Role can be set in the Preference table [Fire Support Utilities Preferences] to enable or disable specific features/functionality's for each designated user's role.
3.	Login	
4.	Click the User's Name field and type the username.	

Target List Worksheet

Step	Action	Result/Explanation
5.	Click the User’s Password field and type the password.	
6.	Click the OK button.	A screen of changing pictures displays as data loads from the server to the client. A message is displayed at the bottom left hand corner of the window stating, “ Login in Progress, Please Wait! ” This message should change to Login Successful! after approximately one minute, and the screen will disappear.

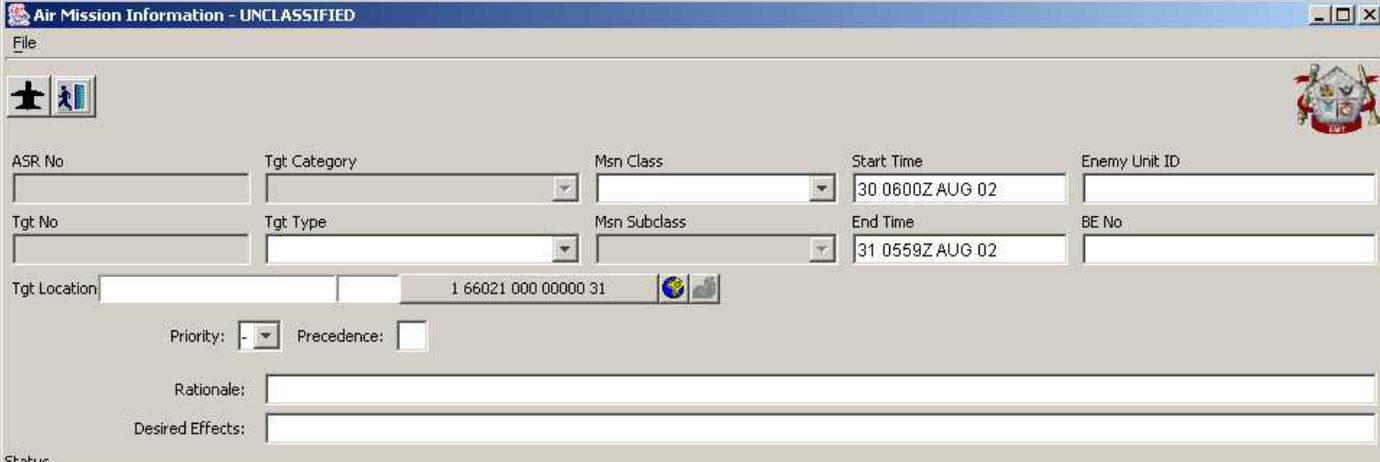


7.	From the Main Menu Bar select Fire Support Target List Worksheet...	The Target List Worksheet window displays.
----	---	---

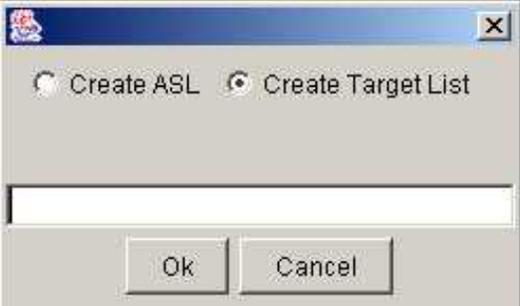
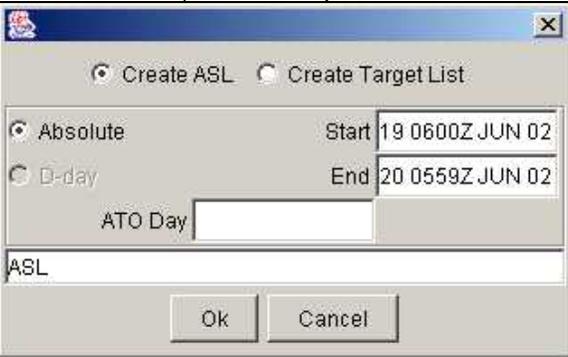


8.	The Target List Worksheet window provides the following capabilities:	
a.	3007.1 Tear-off a list	
1)	Left mouse click and hold the name tab of the desired target list.	
2)	Drag the cursor and release.	The selected target list displays as a separate window.
<i>Or...</i>		

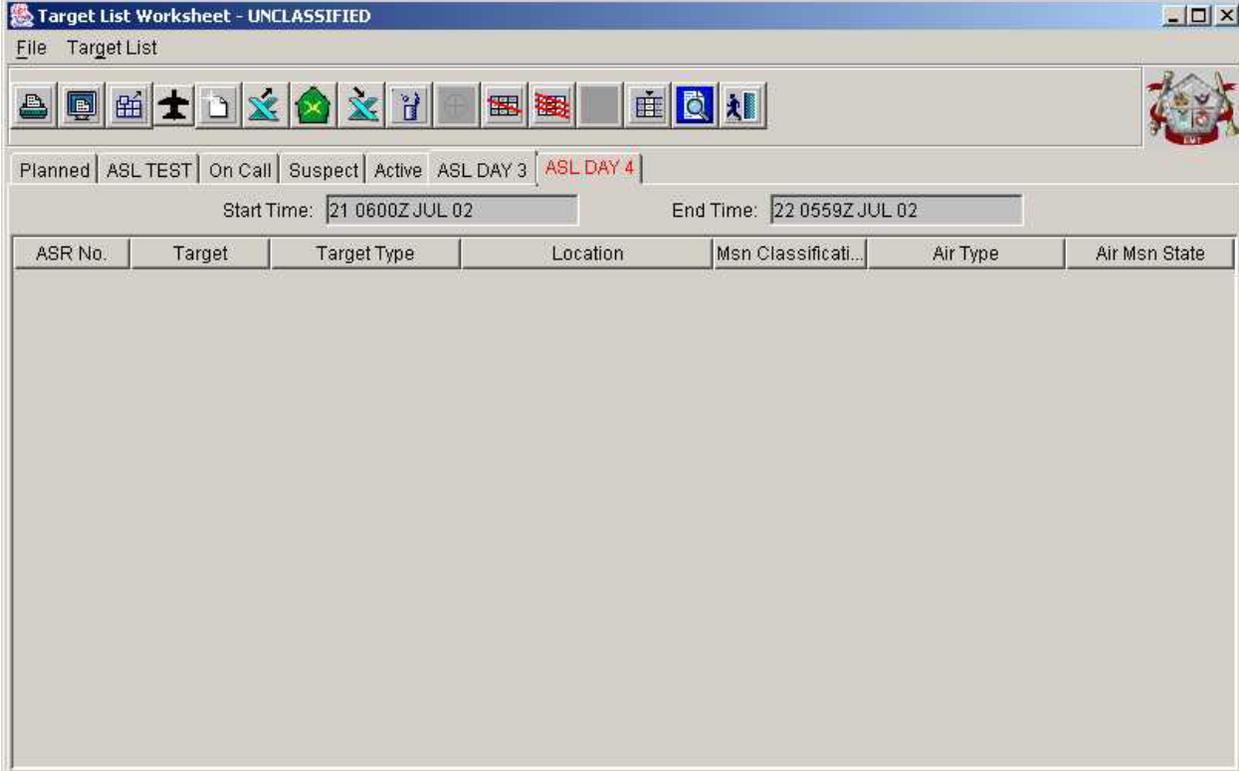
Target List Worksheet

Step	Action	Result/Explanation
3)	On the Target List Worksheet window, select Target List Tear-off Selected	The target list tab that was selected is displayed as a separate window.
b.	3007.2 Create an ASR	NOTE: The ASR will be created on the currently selected ASL.
1)	On the Target List Worksheet menu bar, click Target List Create ASR	The Air Mission Information window displays.
		
2)	Click the Msn Class field down arrow and select the desired mission.	A pulldown menu of options opens.
3)	Click the Msn Subclass field down arrow and select the desired mission type.	A pulldown menu of options opens.
4)	Enter the Start Time by... NOTE: Refer to section 3004 to use the Calendar/Time Tool.	Start time defaults to the start time of the ASL.
a)	Type the desired date/time in DTG format.	The selected date/time displays in the field.
5)	Enter the End Time by... NOTE: Refer to section 3004 to use the Calendar/Time Tool.	The time defaults to the ASL End Time.
a)	Type the desired date/time in DTG format.	The selected date/time displays in the field.
6)	Enter target data by...	
a)	Click in the Tgt Location field and...	
1)a	Type the location of the target.	
Or...		
1)b	Select a grid from the map by clicking the  icon.	The map displays. Click a location on the map causes the Air Mission Information window to re-display with the selected location.
b)	Click the Tgt Type field and select the target type.	
c)	If known, type the BE Number in the BE No field.	
d)	If known, type the Enemy Unit ID .	

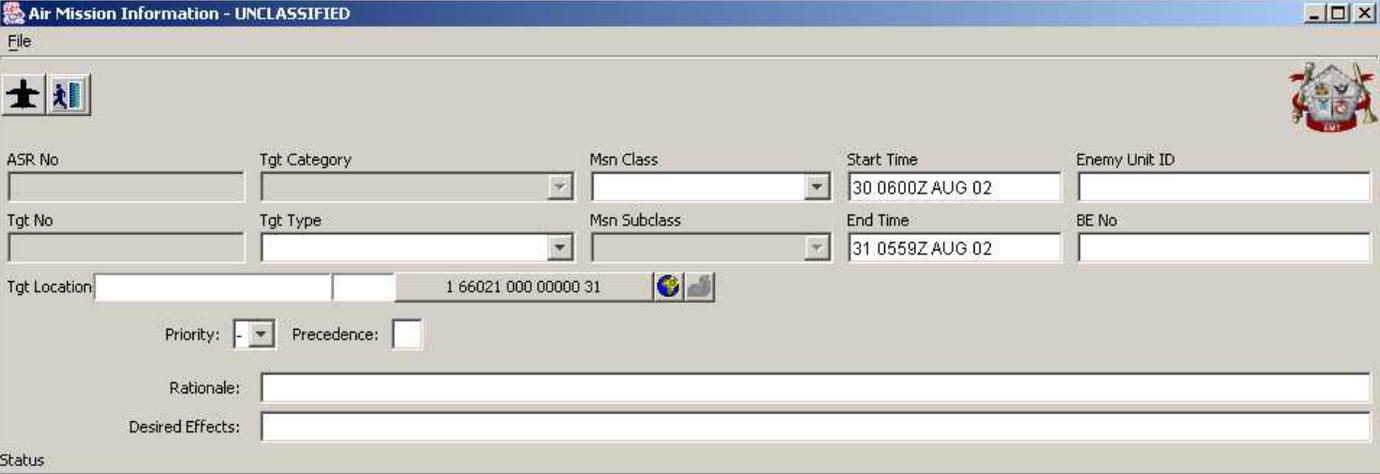
Target List Worksheet

Step	Action	Result/Explanation
e)	Enter a Priority based on mission priority.	A pulldown menu of options opens.
f)	Enter Precedence based on mission priority precedence.	Valid entries are the letters A-Z.
g)	For AI and CAS missions only, type the reason for nominating the target in the Rationale: field.	
h)	For AI and CAS missions only, type the desired effects in the Desired Effects: field.	
7)	Click the  button to create ASR.	The ASR is created on the ASL.
8)	When all desired ASRs are entered on the ASL, to send the created ASL to AFATDS click the  icon.	The newly created ASL tab will change from red to black .
c.	3007.3 Create an ASL	
1)	On the menu bar, click Target List Create Target List	The Create Target List window opens.
		
2)	Click in the Create ASL radio button.	The Create ASL window opens and provides the operator with the options to create an ASL.
		
3)	Type a unique name for the ASL in the name field following the ASL entry.	
4)	Assign a start date and time for the ASL.	
a)	Enter the Start Time by... NOTE: Refer to section 3004 to use the Calendar/Time Tool.	Start time defaults to 0600 of the current day.
b)	Type the desired date/time in DTG format.	The selected date/time displays in the field.

Target List Worksheet

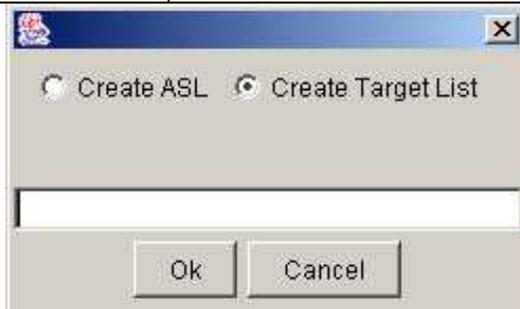
Step	Action	Result/Explanation
5)	Enter the End Time by... NOTE: Refer to section 3004 to use the Calendar/Time Tool.	End time defaults to 0559 of the next day based on start time.
a)	Type the desired date/time in DTG format.	The selected date/time displays in the field.
6)	Enter the ATO Day in the field provided.	Valid entries are any combination of any two alphanumeric characters (e.g., 11, 1A, A1, AA).
7)	Click the OK button to create the new ASL.	The Create ASL window closes and a new red ASL tab is created on the Target List Worksheet window.
		
8)	To create an ASR on an ASL.	
a)	Ensure the newly created red tab ASL is selected.	
b)	Click the  icon to create ASR.	The Air Mission Information window opens.

Target List Worksheet

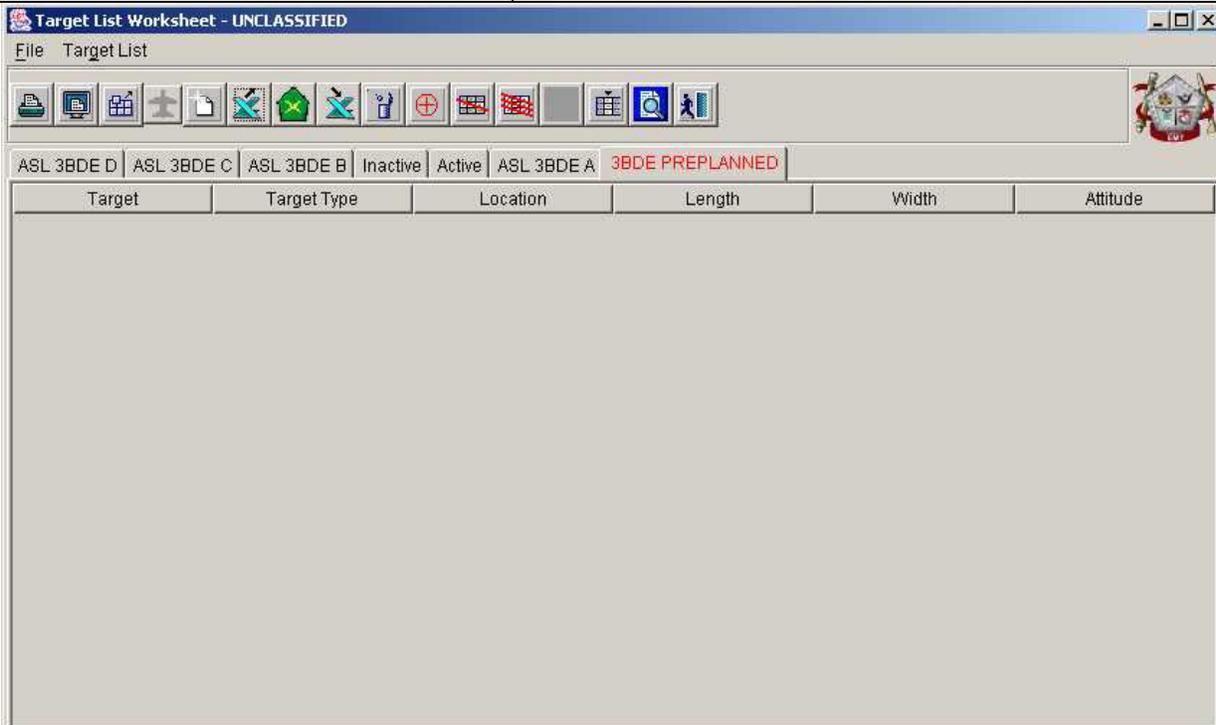
Step	Action	Result/Explanation
		
9)	Click the Msn Class field down arrow and select the desired mission.	A pulldown menu of options opens.
10)	Click the Msn Subclass field down arrow and select the desired mission type.	A pulldown menu of options opens.
11)	Enter the Start Time by... NOTE: Refer to section 3004 to use the Calendar/Time Tool.	Start time defaults to the start time of the ASL.
a)	Type the desired date/time in DTG format.	The selected date/time displays in the field.
12)	Enter the End Time by... NOTE: Refer to section 3004 to use the Calendar/Time Tool.	End time defaults to the end time of the ASL.
a)	Type the desired date/time in DTG format.	The selected date/time displays in the field.
13)	Enter target data by...	
a)	Click in the Tgt Location field and...	
1)a	Type the location of the target.	
Or...		
1)b	Select a grid from the map by clicking the  icon.	The map displays. Click a location on the map causes the Air Mission Information window to re-display with the selected location.
b)	Click the Tgt Type field and select the target type.	
c)	If known, type the BE Number in the BE No field.	
d)	If known, type the Enemy Unit ID .	
e)	Enter a Priority based on mission priority.	
f)	Enter Precedence based on mission priority precedence.	
g)	For AI and CAS missions only, type the reason for nominating the target in the Rationale: field.	

Target List Worksheet

Step	Action	Result/Explanation
h)	For AI and CAS missions only, type the desired effects in the Desired Effects: field.	
14)	Click the  button to create ASR.	The ASR is created on the ASL.
15)	When all desired ASRs are entered on the ASL, to send the created ASL to AFATDS click the  icon.	The newly created ASL tab will change from red to black and the newly created ASRs will be displayed on the ASL.
d.	3007.4 Create a Target List	
1)	On the menu bar, click Target List Create Target List	The Create Target List window opens.



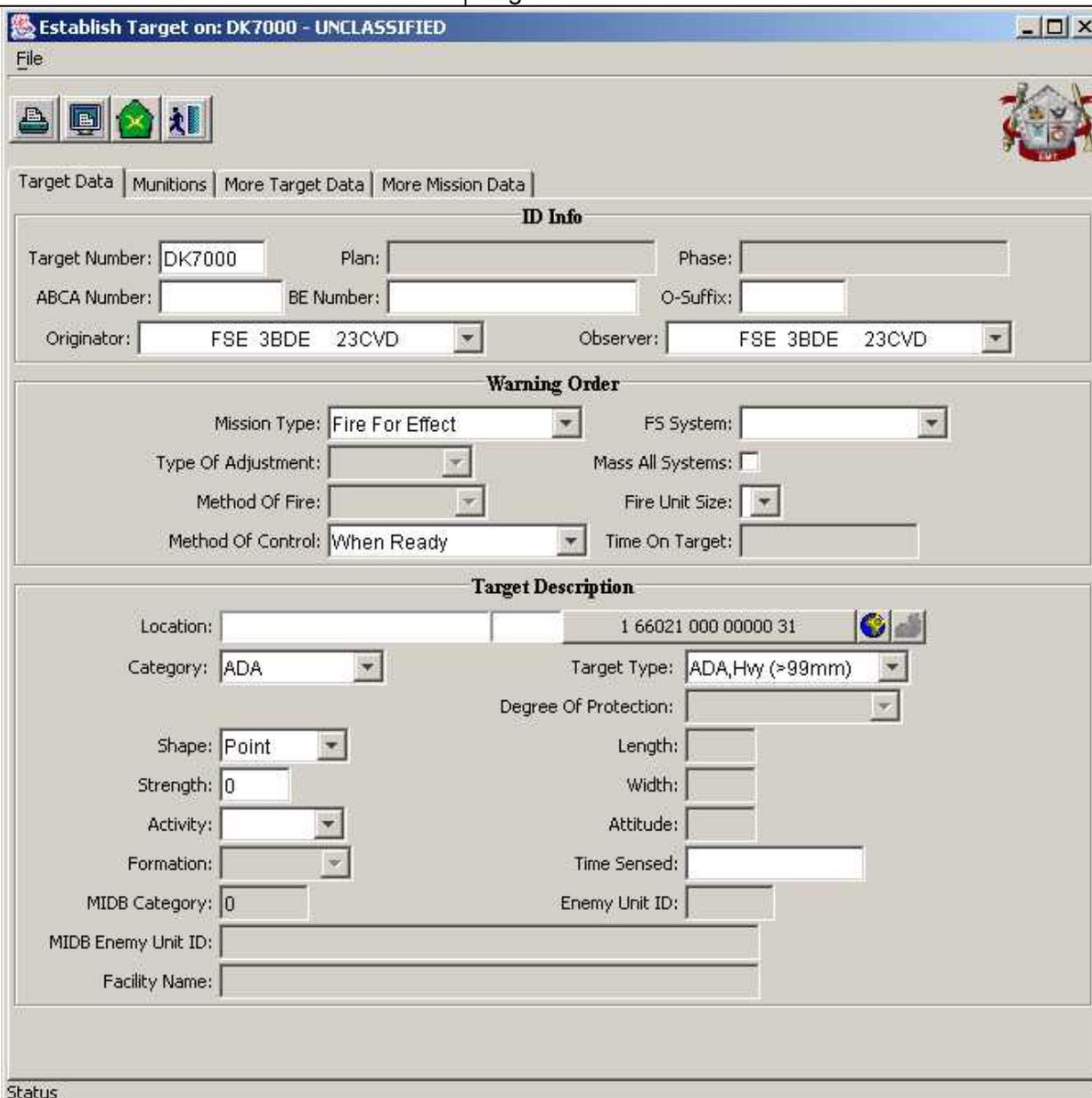
2)	Type a unique name for the Target List in the name field provided.	
3)	Click the OK button.	The Create Target List window closes and a new red <Target List Name> tab is created on the Target List Worksheet window.



4)	To create an target on the newly created target list.	
----	---	--

Target List Worksheet

Step	Action	Result/Explanation
5)	Ensure the newly created red tab <Target List Name> is selected.	
6)	On the menu bar, click Target List Create Target .	The Establish Target on: <Tgt #> window opens and provides the operator with the fields necessary to establish a target.

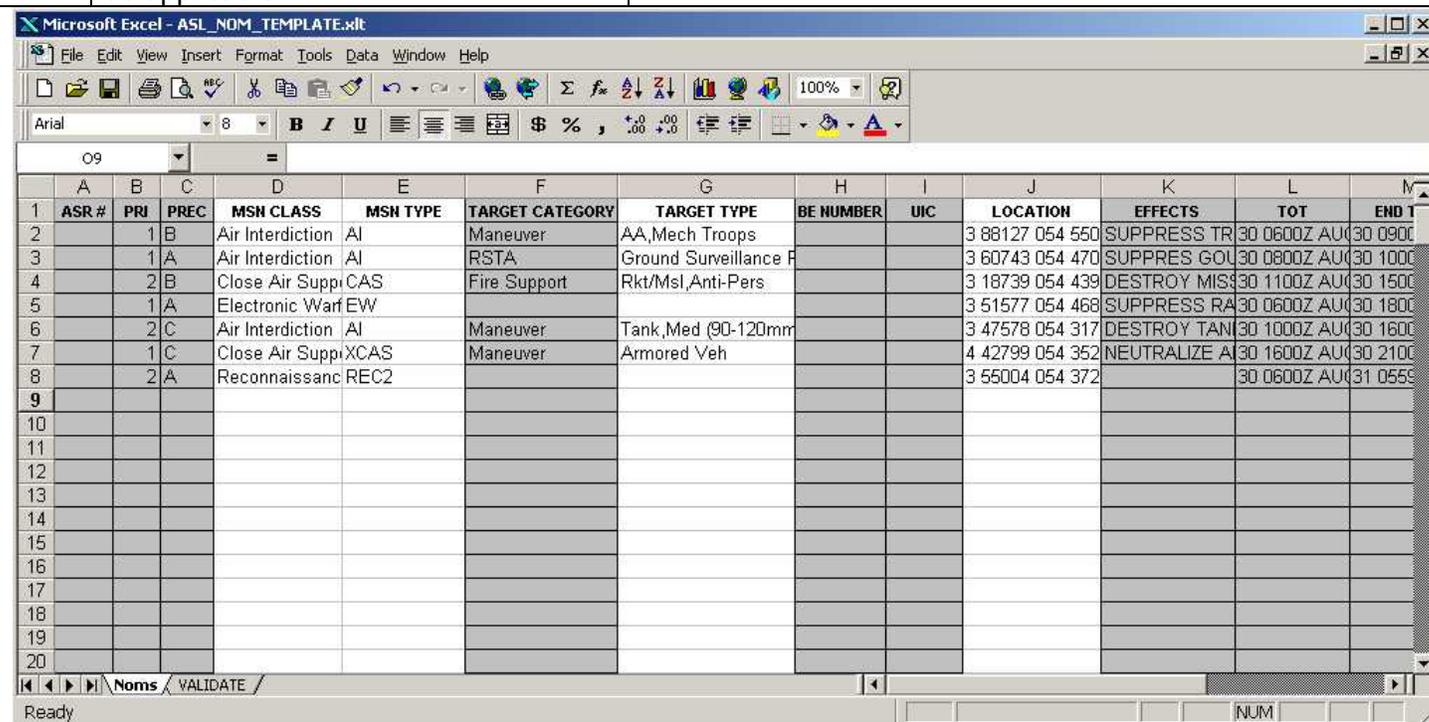


7)	Enter the known information. Minimum data required is	
a)	Category	
b)	Target Type	
c)	Location	NOTE: Must also include the altitude of the target as part of the location data.

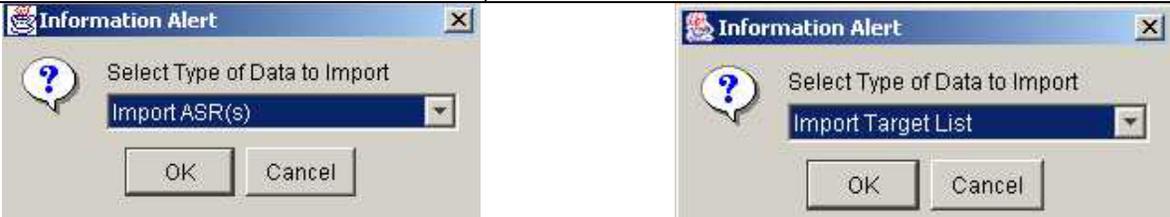
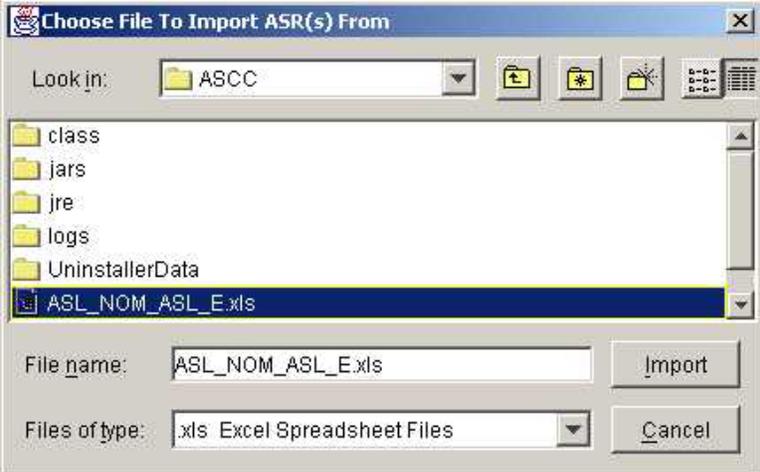
Or...

Target List Worksheet

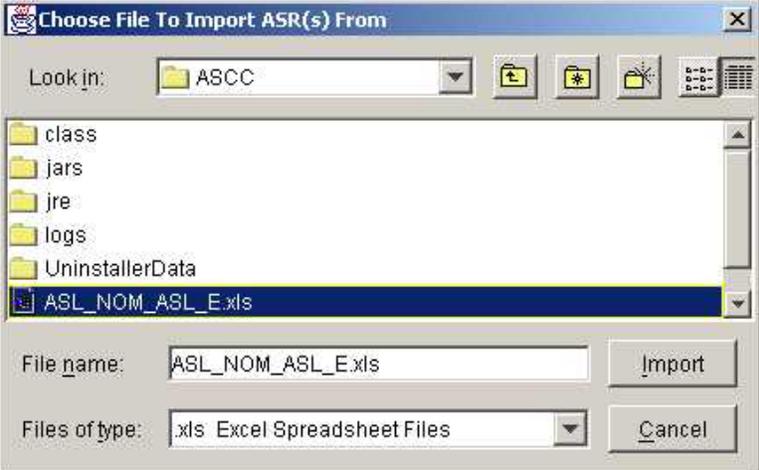
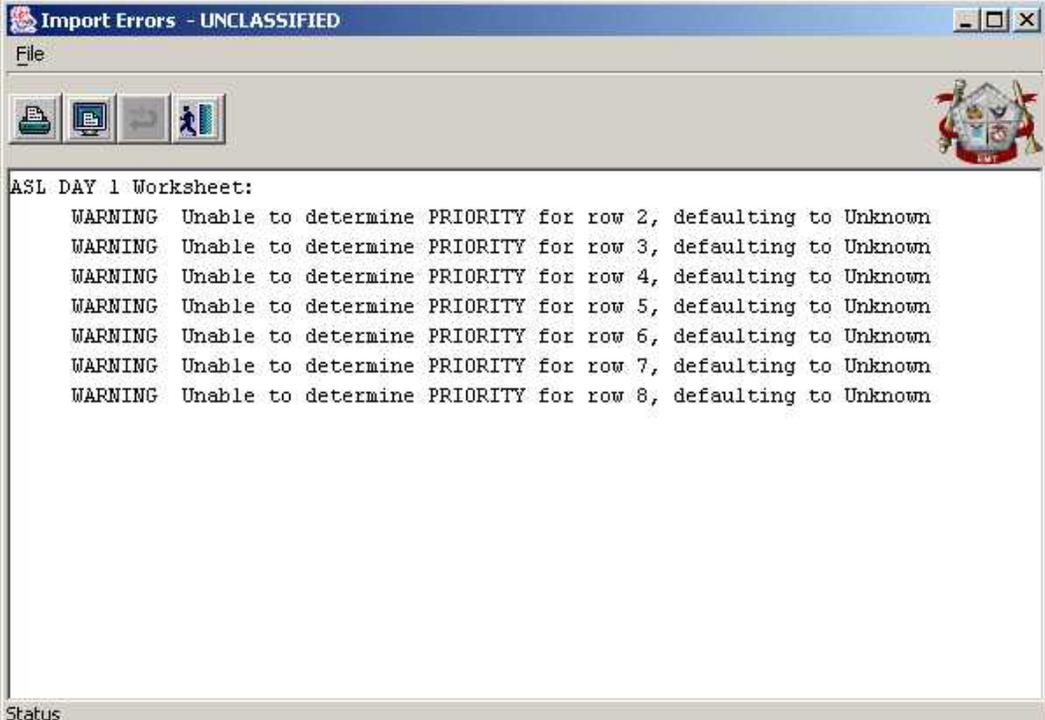
Step	Action	Result/Explanation
d)	Under Target Description click the Location field and...	
e)	Type the location of the target.	NOTE: Must also include the altitude of the target as part of the location data.
<i>Or...</i>		
f)	Select a grid from the map by clicking the  icon.	The map displays. Click a location on the map causes the Establish Target on <TGT #> window to re-display with the selected location. NOTE: Must also include the altitude of the target as part of the location data.
g)	Click the  icon.	The target is added to the newly created Target List.
e.	3007.5 Import List...	
1)	To import an Excel Spreadsheet containing targets into a Target List or ASRs into an ASL.	NOTE: If the tab selected is an ASL, Import ASR(s) will be the default. If the tab selected is a target list, Import Target List(s) will be the default.
2)	Open the Target List Nominations Template provided (TARGET_LIST_TEMPLATE.xlt) or the Air Support Nominations Template provided (ASL_NOM_TEMPLATE.xlt), in Microsoft Excel and enter the desired targets/ASRs into the template, as applicable.	NOTE: ASR numbers are assigned based on the AFATDS Server ASR numbering block. ASR number utilized in the Excel spreadsheet is for reference only!



3)	Save the spreadsheet with the desired name and in the desired location. Minimize Excel .	The target list/ASL spreadsheet is saved. Excel minimizes.
----	---	--

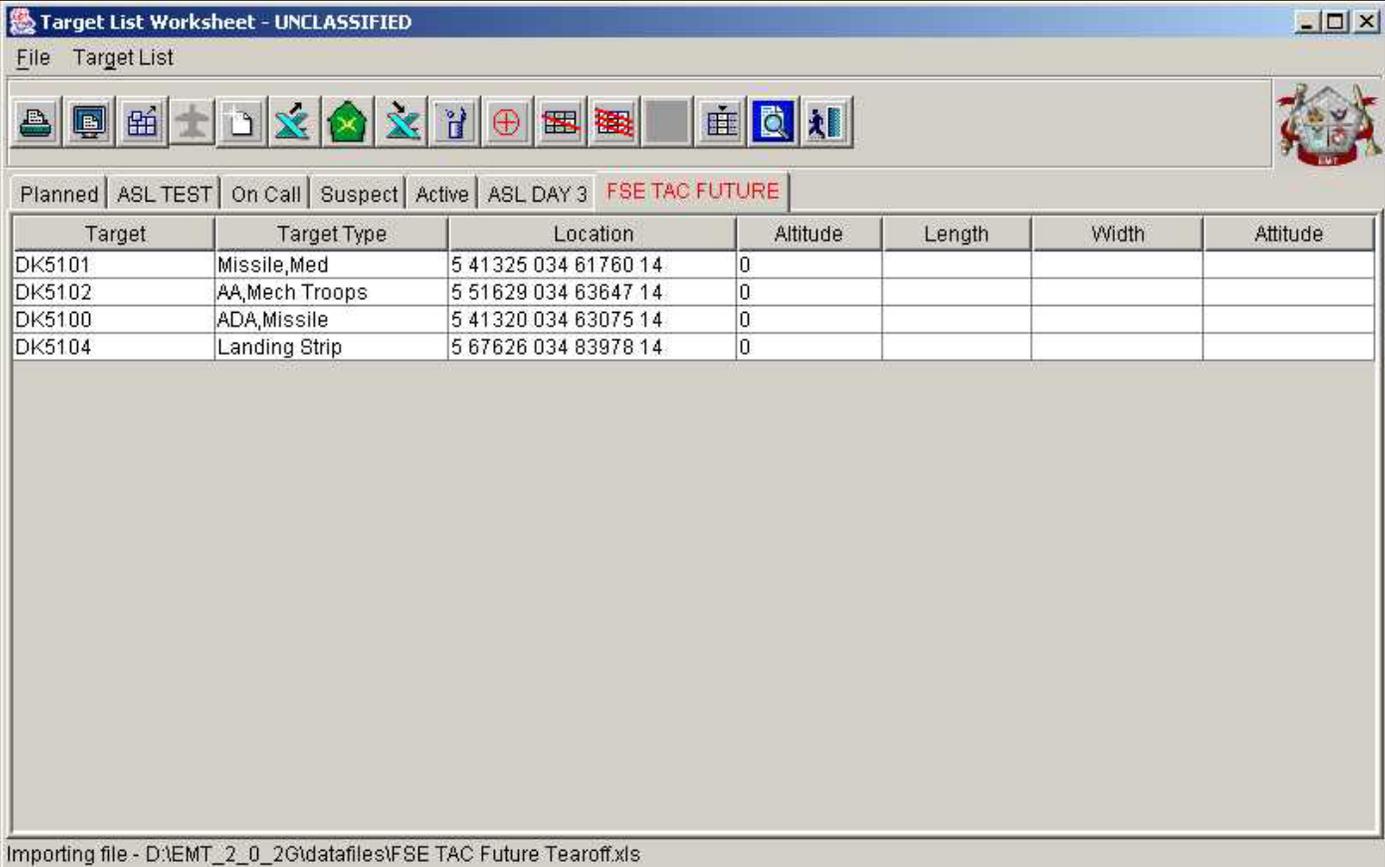
Target List Worksheet		
Step	Action	Result/Explanation
<p>NOTE: There are three required fields for each ASR; Target Type, Mission Type, and Location. All other fields will be defaulted if no valid entry is present. Target Type and Mission Type are pulldown style entries. Location will be validated during the "IMPORT" process, if an invalid location is found, the operator will be prompted to enter a valid location with an Enter Valid Location window.</p>		
4)	Select Target List Import List...	The Information Alert window opens. NOTE: If the tab selected is an ASL, Import ASR(s) will be the default. If the tab selected is a target list, Import Target List(s) will be the default.
		
5)	Click OK .	The Choose File To Import ASR(s) List From or the Choose File to Import Target List(s) From window opens, as applicable.
		
6)	Using the Look in: field and the  icon, locate the spreadsheet that contains the targets or ASR(s) to be imported.	
7)	Click the file name of the spreadsheet	The file name highlights and the File Name: field displays that name.
8)	Click the Import button.	The targets or ASRs are created in the respective list.
Or...		
9)	Click the  icon.	The Information Alert window opens with Import Target List(s) or Import ASR(s) depending on the target list tab selected. NOTE: If the tab selected is an ASL, Import ASR(s) will be the default. If the tab selected is a target list, Import Target List will be the default.
10)	Click OK .	The Choose File To Import ASR(s) List From or the Choose File to Import Target List(s) From window opens, as applicable.

Target List Worksheet

Step	Action	Result/Explanation
		
11)	Using the Look in: field and the  icon, locate the spreadsheet to be imported.	
12)	Click the file name of the spreadsheet	The file name highlights and the File Name: field displays that name.
13)	Click the Import button.	The targets or ASRs are created in the respective list.
<p>NOTE: Upon completion of the import the operator will be notified of any unresolved errors with an Import Errors window. If the operator selects Show Errors, the Import Errors window opens displaying the associated WARNING and *ERROR* for each worksheet. A WARNING means that a value has been defaulted. An *ERROR* means the target/ASR has been ignored. The Import Errors window can be printed by selecting the  icon.</p>		
		

Target List Worksheet

Step	Action	Result/Explanation
14)	Any errors corrected during import should also be corrected on the Excel Spreadsheet.	NOTE: If defaulted values are “unacceptable” the Target List/ASL should be discarded by closing the Target List Worksheet window and selecting Discard Changes . The Target List/ASR list can be imported again after correcting the spreadsheet.



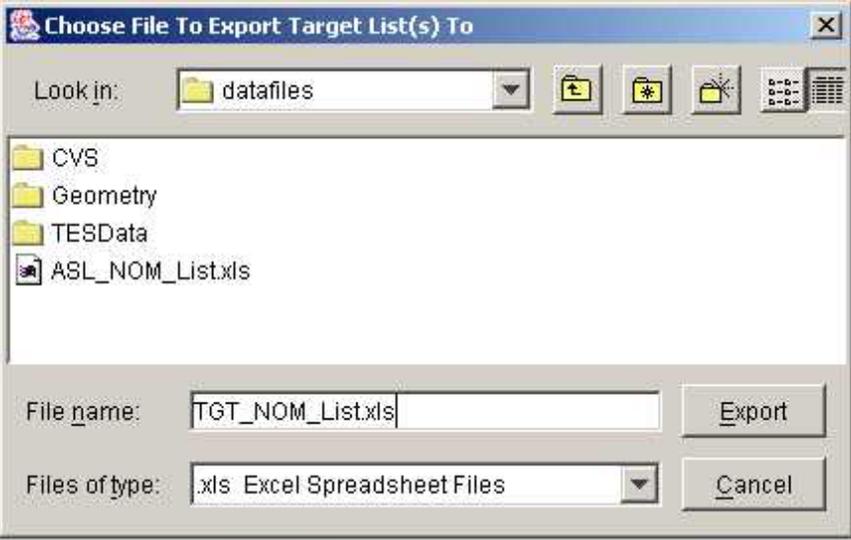
15)	If any additional targets/ASRs are to be added, add them at this time. Use the  for adding ASRs or the  icon for adding targets, as applicable. When all desired targets/ASRs are entered on the target List/ASL, send the created Target List/ASL to AFATDS by clicking the  icon.	The newly created Target List/ASL tab will change from red to black and the newly created targets/ASRs will be displayed on the respective Target List/ASL.
-----	--	---

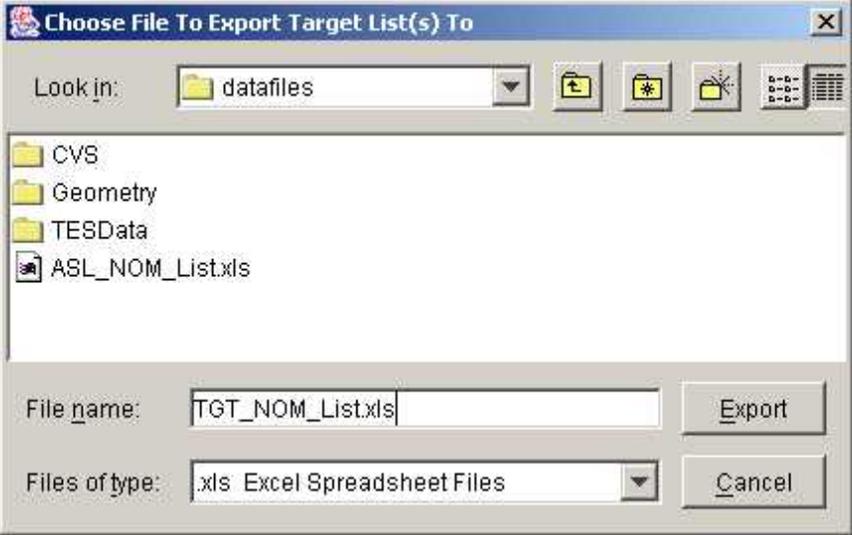
Notes:

1. The spreadsheet format must be that provided with the EMT software.
2. Row 1 of each worksheet is the column definition row, and must contain column headers.
3. Blank lines should not be entered on the spreadsheet between lines of Target/ASR data. The first five blank lines encountered is assumed to be the end of that list when importing.
4. When the import encounters a blank target location or incorrect location format, the operator is prompted to provide a valid location.

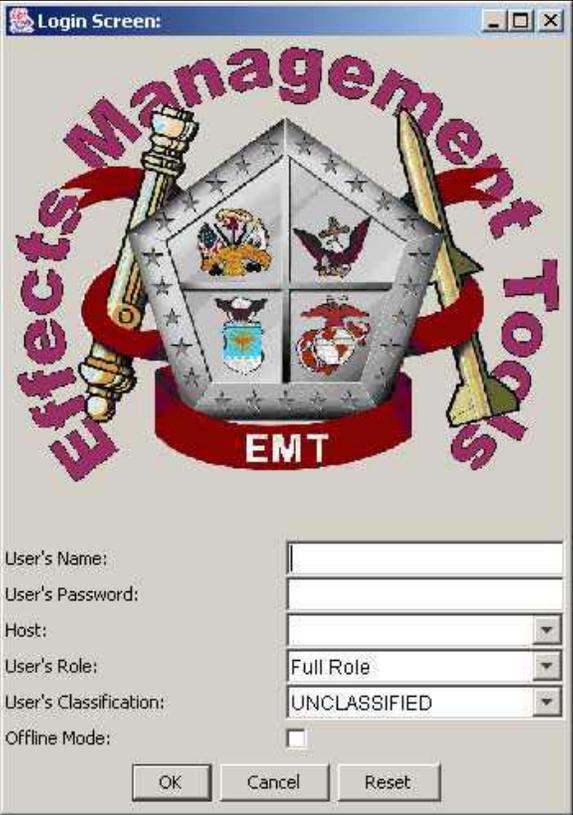
If an error is encountered, discard the Target/ASL changes by closing the Target List Worksheet and selecting **Discard Changes**, correct the spreadsheet and import again.

f.	3007.6 Export List...	
----	------------------------------	--

Target List Worksheet		
Step	Action	Result/Explanation
1)	To export targets from a Target List or ASRs from an ASL into an Excel Spreadsheet.	
2)	Select Target List Export Selected List...	The Choose File To Export ASL(s) List From or the Choose File to Export Target List(s) From window opens, as applicable. NOTE: If the tab selected is an ASL, Choose File To Export ASL(s) List From will be the default. If the tab selected is a target list, Choose File to Export Target List(s) From will be the default.
		
3)	Using the Look in: field and the  icon, locate the folder or drive destination for the file to exported.	
4)	Click in the File name field and type a unique name for the export file.	
5)	Click the Export button.	The targets/ASRs are exported into a spreadsheet.
Or...		
6)	Click the  icon.	The Choose File To Export ASL(s) List From or the Choose File to Export Target List(s) From window opens, as applicable. NOTE: If the tab selected is an ASL, Choose File To Export ASL(s) List From will be the default. If the tab selected is a target list, Choose File to Export Target List(s) From will be the default.

Target List Worksheet		
Step	Action	Result/Explanation
		
7)	 <p>Using the Look in: field and the icon, locate the folder or drive destination for the file to exported.</p>	
8)	Click in the File name field and type a unique name for the export file.	
9)	Click the Export button.	The targets/ASRs are exported into a spreadsheet.

3008. Establish Target

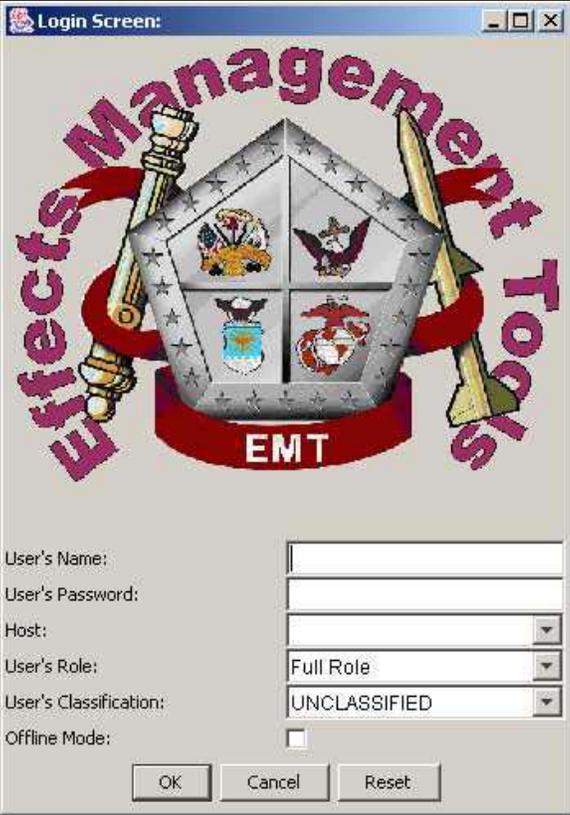
Establish Target		
Step	Action	Result/Explanation
Function: This procedure establishes a target at the AFATDS server. The target is treated as a planned target and is placed on the AFATDS Planned Target List.		
1.	Start the EMT client on C2PC.	
a.	From the C2PC Workstation select Tools EMT . NOTE: If EMT is not displayed in the list under the Tools option, select the Injector Manager option and ensure that the EMT checkbox is checked.	The Effects Management Tools (EMT) software starts and the Login Screen window opens. NOTE: The Login Screen window takes approximately one minute to display.
		
2.	Define the AFATDS server	
a.	In the Host field, type the hostname of the AFATDS server.	The hostname is the name assigned to the AFATDS workstation when software is initially loaded. The server name appears before the prompt in a Unix xterm window and is also known as the COE name. To verify correct entries ping the AFATDS Server by IP and hostname after changing host file.
b.	Select the User's Role .	Settings for the User's Role can be set in the Preference table [Fire Support Utilities Preferences] to enable or disable specific features/functionality's for each designated user's role.
3.	Login	
4.	Click the User's Name field and type the username.	

Establish Target		
Step	Action	Result/Explanation
5.	Click the User's Password field and type the password.	
6.	Click the OK button.	A screen of changing pictures displays as data loads from the server to the client. A message is displayed at the bottom left hand corner of the window stating, " Login in Progress, Please Wait! " This message should change to Login Successful! after approximately one minute, and the screen will disappear.
		
7.	From the Main Menu Bar select Fire Support Targeting Tools Establish Target...	The Establish Target on <TGT #> window displays.

Establish Target		
Step	Action	Result/Explanation
8.	Enter the known information. Minimum data required is	
a.	Category	
b.	Target Type	
c.	Location	NOTE: Must also include the altitude of the target as part of the location data.
<i>Or...</i>		
1)	Under Target Description click the Location field and...	
2)	Type the location of the target.	NOTE: Must also include the altitude of the target as part of the location data.
<i>Or...</i>		

Establish Target		
Step	Action	Result/Explanation
3)	Select a grid from the map by clicking the  icon.	The map displays. Click a location on the map causes the Establish Target on <TGT #> window to re-display with the selected location. NOTE: Must also include the altitude of the target as part of the location data.
9.	Click the  icon.	The target is added to the AFATDS Planned Target List.

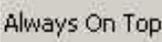
3009. Mission Status Screen

Mission Status Screen		
Step	Action	Result/Explanation
Function: This window displays the current status of targets stored in target lists at AFATDS. It is especially useful in monitoring the status of active missions at the AFATDS server.		
1.	Start the EMT client on C2PC.	
a.	From the C2PC Workstation select Tools EMT . NOTE: If EMT is not displayed in the list under the Tools option, select the Injector Manager option and ensure that the EMT checkbox is checked.	The Effects Management Tools (EMT) software starts and the Login Screen window opens. NOTE: The Login Screen window takes approximately one minute to display.
		
2.	Define the AFATDS server	
a.	In the Host field, type the hostname of the AFATDS server.	The hostname is the name assigned to the AFATDS workstation when software is initially loaded. The server name appears before the prompt in a Unix xterm window and is also known as the COE name. To verify correct entries ping the AFATDS Server by IP and hostname after changing host file.
b.	Select the User's Role .	Settings for the User's Role can be set in the Preference table [Fire Support Utilities Preferences] to enable or disable specific features/functionality's for each designated user's role.
3.	Login	
4.	Click the User's Name field and type the username.	

Mission Status Screen		
Step	Action	Result/Explanation
5.	Click the User's Password field and type the password.	
6.	Click the OK button.	A screen of changing pictures displays as data loads from the server to the client. A message is displayed at the bottom left hand corner of the window stating, " Login in Progress, Please Wait! " This message should change to Login Successful! after approximately one minute, and the screen will disappear.
		
7.	From the Main Menu Bar select Fire Support Reports Mission Status Screen	The Mission Status Screen window displays.

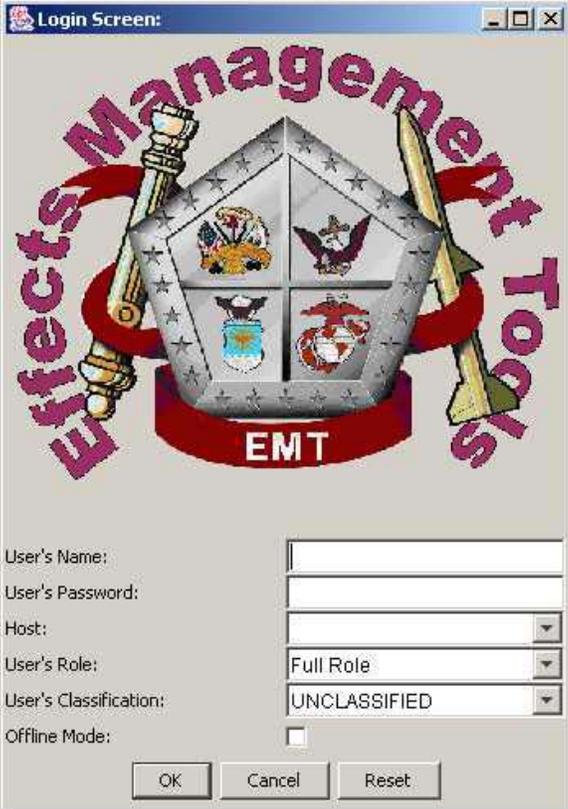
Mission Status Screen

Step	Action	Result/Explanation
8.	Window sections:	
a.	Mission Status Summary	Displays the missions and statuses for the selected lists.
b.	Status Legend	Provides a guide to the color code used to define mission status.
c.	Detailed Mission Status	Displays target and mission data in greater details than the Mission Status Summary . To display the detailed status for a mission, that mission must be clicked in the Mission Status Summary .
9.	Buttons on the Mission Status window:	
a.		PRINT causes the contents of the Mission Status Report window to be printed.
b.		PRINT PREVIEW displays the Mission Status Report, as it would appear when printed.
c.		Used to close the Detailed Mission Status portion of the Mission Status Screen window.
d.		Used to expand the Detailed Mission Status portion of the Mission Status Screen window.
e.		Used to close the Status Legend portion of the Mission Status Screen window.
f.		Used to expand the Status Legend portion of the Mission Status Screen window.

Mission Status Screen		
Step	Action	Result/Explanation
g.	 Always On Top	Used to force the Mission Status Screen window to "Always stay on top" of other windows being displayed.
h.		Used to choose the desired columns to display for the target lists information.
i.		Used to toggle the Active target list display.
j.		Used to toggle the Inactive target list display.
k.		CLOSE button closes the Mission Status Screen window.

3010. Target Type Worksheet

Target Type Worksheet

Step	Action	Result/Explanation
Function: This window displays user defined target types for user management.		
1.	Start the EMT client on C2PC.	
a.	From the C2PC Workstation select Tools EMT . NOTE: If EMT is not displayed in the list under the Tools option, select the Injector Manager option and ensure that the EMT checkbox is checked.	The Effects Management Tools (EMT) software starts and the Login Screen window opens. NOTE: The Login Screen window takes approximately one minute to display.
		
2.	Define the AFATDS server	
a.	In the Host field, type the hostname of the AFATDS server. The IP address can also be used.	NOTE: The hostname is the name assigned to the AFATDS workstation when software is initially loaded. The hostname appears before the prompt in a Unix xterm window and is also known as the COE name. To verify correct entries ping the AFATDS Server by IP and hostname after changing host file.
b.	Select the User’s Role .	Settings for the User’s Role can be set in the Preference table [Fire Support Utilities Preferences] to enable or disable specific features/functionality’s for each designated user’s role. NOTE: These roles are only specific to the client and have no direct correlation with the AFATDS user roles.
c.	Set the appropriate User’s Classification of the AFATDS workstation.	
3.	Login	

Target Type Worksheet

Step	Action	Result/Explanation
4.	Click the User’s Name field and type the username.	
5.	Click the User’s Password field and type the password.	
6.	Click the OK button.	A screen of changing pictures displays as data loads from the server to the client. A message is displayed at the bottom left hand corner of the window stating, “ Login in Progress, Please Wait! ” This message should change to Login Successful! after approximately one minute, and the screen will disappear.



7.	From the Main Menu Bar select Fire Support Target Type Worksheet	The Target Type Worksheet window displays. NOTE: The default Target Type Worksheet provided with the EMT Client is fully editable by the user.
----	--	---

Target Type Worksheet - UNCLASSIFIED

File Target Type

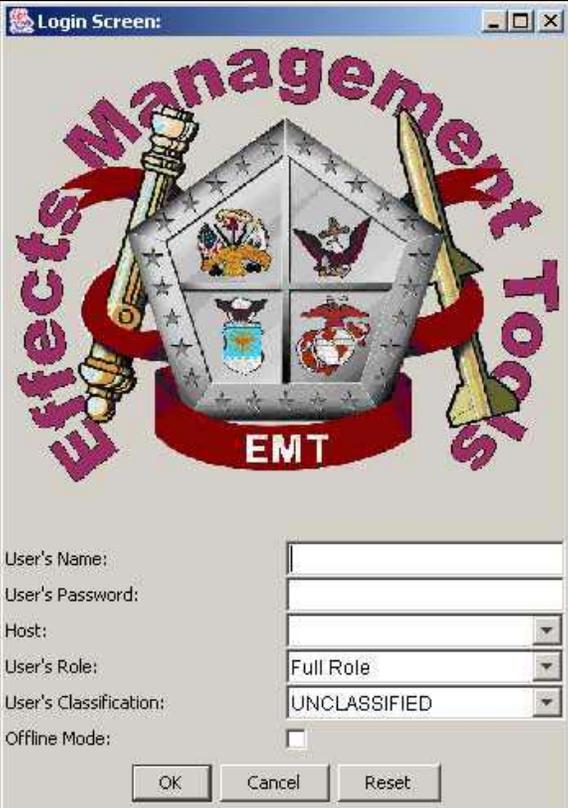
Target Type	AFATDS Mapping	Category	Min Range (m)	Max Range (m)	RAP Range (m)	Remarks
107mm MRL	Rkt/Msl,Unknown	Fire Support	0	8300	0	
120mm Mortar	Mortar,Hwy (109-1...	Fire Support	0	5700	0	
2A36	Arty,Towed	Fire Support	0	28500	44000	
2A45	AntiTank Gun	Maneuver	0	2100	0	
2A65	Arty,Towed	Fire Support	6500	24700	28900	Base Bleed
2B11	Mortar,Hwy (109-1...	Fire Support	480	7100	0	
2B16	Mortar,Hwy (109-1...	Fire Support	0	8000	0	
251	Arty,Med SP (121-...	Fire Support	0	15300	21900	
2512	Mortar,Hwy (109-1...	Fire Support	480	7100	0	
2519	Arty,Med SP (121-...	Fire Support	6500	29000	40000	
2523	Arty,Light SP (<12...	Fire Support	0	8800	12800	
253	Arty,Med SP (121-...	Fire Support	4600	17400	30000	
255	Arty,Med SP (121-...	Fire Support	9100	28500	40000	
256	ADA,Missile	ADA	0	10000	0	
257	Arty,Hwy SP (>160...	Fire Support	0	37500	55000	
259	Mortar,Hwy (109-1...	Fire Support	0	8800	12800	
9A52-2 (SMERCH)	Rkt/Msl,Unknown	Fire Support	20000	70000	0	
AT-11 (SNIPER)	AntiTank Gun	Maneuver	0	4000	0	
AT-13 (METIS-M)	AntiTank Gun	Maneuver	80	1500	0	
AT-2 (SWATTER)	AntiTank Gun	Maneuver	0	4000	0	
AT-3 (SAGGER)	AntiTank Gun	Maneuver	500	3000	0	

Importing complete! 1 sheets read

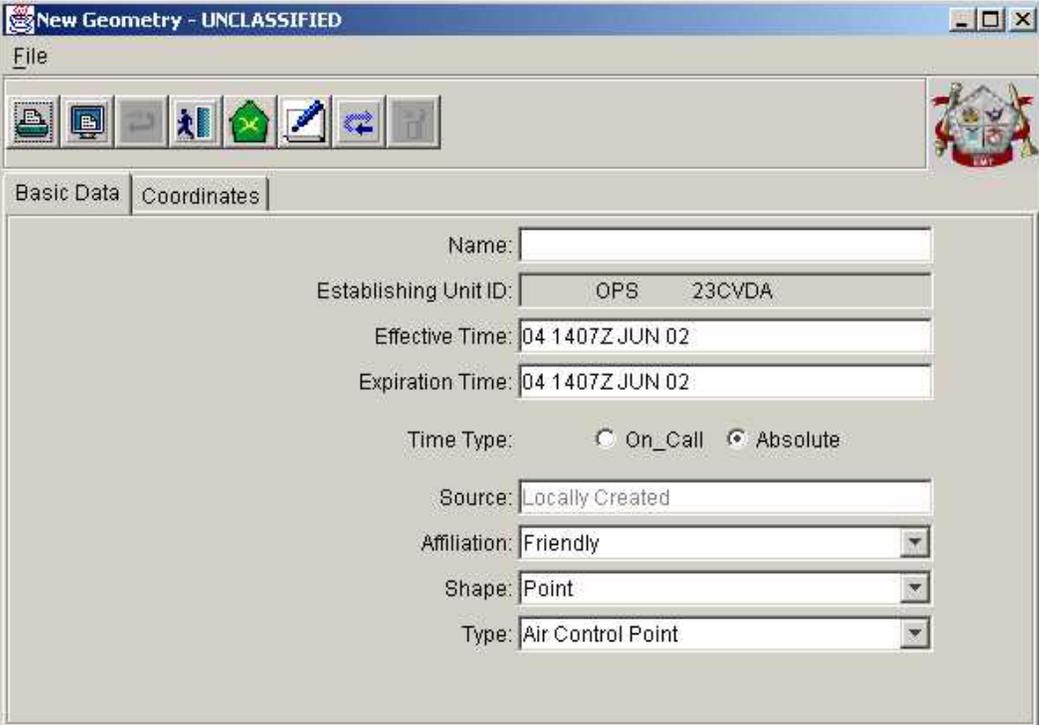
Target Type Worksheet		
Step	Action	Result/Explanation
8.	The Target Type Worksheet toolbar contains the following icons:	
		
a.	Click on the  button to print the Target Type Worksheet contents.	The Target Type Worksheet is printed to designated printer.
b.	Click on the  button to print preview the Target Type Worksheet contents.	The Target Type Worksheet is presented to the operator in a print preview format.
c.	Click on the  button to refresh the Target Type Worksheet contents.	The Target Type Worksheet refreshes.
d.	Click on the  button to close the Target Type Worksheet .	The Target Type Worksheet closes.
e.	Click on the  button to Import user defined target types from an Excel Spreadsheet.	The Excel Spreadsheet user defined target types are imported into the Target Type Worksheet .
f.	Click on the  button to Export the contents of the Target Type Worksheet to an Excel Spreadsheet.	The Target Type Worksheet user defined target types are exported into an Excel Spreadsheet.
g.	Click on the  button to update the map with changes made to the Target Type Worksheet .	This icon is normally grayed out until the Target Type Worksheet has been edited. Once a field has been entered to edit the icon darkens. When editing is complete, click button to update the map with changes made.
h.	Click on the  button to select all of the listed user defined target types in the Target Type Worksheet .	All user defined target types in the Target Type Worksheet highlight.
i.	Click on the  button to clear selected (highlighted) user defined target types in the Target Type Worksheet .	The highlighted/selected user defined target type(s) becomes unhighlighted/deselected.
j.	Click on the  button to save the current session of editing the Target Type Worksheet .	The user is given the option to save changes made to the Target Type Worksheet to a new file. NOTE: When the new file is saved, the EMT Client will remember where the file was saved and use that file until another file is created and saved.
k.	Click on the  button to create a new target type on the Target Type Worksheet .	An entry will be made on the Target Type Worksheet alphabetically under the name "New Target Type 0." NOTE: After clicking the icon, scroll down to the letter "N" area to find the new target type entitled "New Target Type 0."
l.	Click on the  button to delete a selected user defined target types from the Target Type Worksheet .	Clicking this button provides the operator with the option to delete a selected user defined target type(s). NOTE: This will permanently delete the user defined target type(s) from the Target Type Worksheet .

3011. New Geometry

Create a New Geometry from the Client

Step	Action	Result/Explanation
1.	Start the EMT client on C2PC.	
a.	From the C2PC Workstation select Tools EMT . NOTE: If EMT is not displayed in the list under the Tools option, select the Injector Manager option and ensure that the EMT checkbox is checked.	The Effects Management Tools (EMT) software starts and the Login Screen window opens. NOTE: The Login Screen window takes approximately one minute to display.
		
2.	Define the AFATDS server	
a.	In the Host field, type the hostname of the AFATDS server.	The hostname is the name assigned to the AFATDS workstation when software is initially loaded. The server name appears before the prompt in a Unix xterm window and is also known as the COE name. To verify correct entries ping the AFATDS Server by IP and hostname after changing host file.
b.	Select the User's Role .	Settings for the User's Role can be set in the Preference table [Fire Support Utilities Preferences] to enable or disable specific features/functionality's for each designated user's role.
3.	Login	
4.	Click the User's Name field and type the username.	
5.	Click the User's Password field and type the password.	

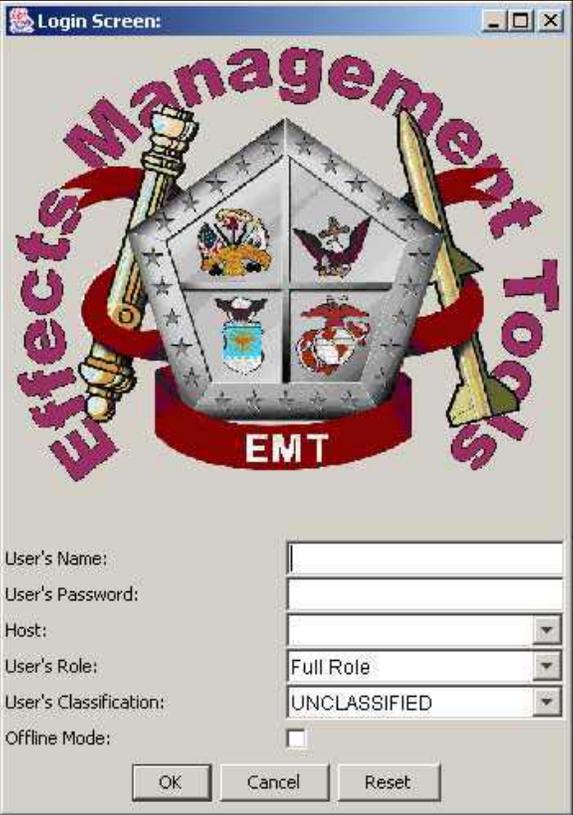
Create a New Geometry from the Client

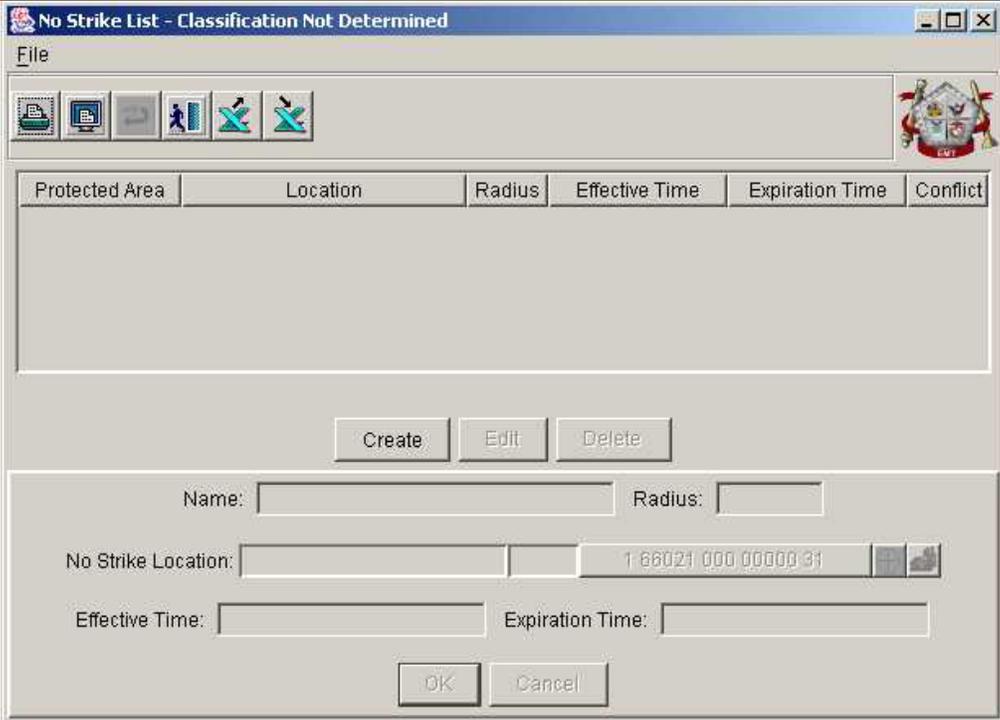
Step	Action	Result/Explanation
6.	Click the OK button.	A screen of changing pictures displays as data loads from the server to the client. A message is displayed at the bottom left hand corner of the window stating, " Login in Progress, Please Wait! " This message should change to Login Successful! after approximately one minute, and the screen will disappear.
		
7.	From the Main Menu Bar select Fire Support New Geometry...	The New Geometry window displays.
		
8.	Enter the following on the New Geometry window:	
a.	Type a unique name in the Name field.	AFATDS will not allow duplicate names for geometries of the same shape. For example, two areas or two points may not have the same name.
b.	Edit the Effective Time and Expiration Time . NOTE: Refer to section 3004 to use the Calendar/Time Tool.	These default to the time the window opens.
c.	Select the Affiliation	Default is Friendly

Create a New Geometry from the Client

Step	Action	Result/Explanation
d.	Click the Shape field and select the desired shape.	The list found in the Type field changes based on the shape.
e.	Select the desired geometry Shape	An additional tab is displayed for RFA restrictions, ACA altitudes and Target Build-Up Area target types when these type measures are selected.
f.	For shapes Circle and Rectangle, enter the Width or Radius in meters.	A valid range is between 1-9999 meters. NOTE: Anything outside this range will cause the invalid field affected to turn red showing the operator an invalid indication has occurred.
9.	Enter the following on the Coordinates tab.	
a.	Click the Coordinates tab.	
1)	Click the Location1 field and...	
1)a	Type the location.	
Or...		
1)b	Select a grid from the map by clicking the  icon.	The map displays. Click a location on the map causes the New Geometry window to re-display with the selected location.
b.	Repeat this process for each additional grid.	
10.	To create an ACA	On the New Geometry window shape must be Rectangular, Circular, or Irregular.
a.	For ACA , click the Airspace Info and type the minimum and maximum altitudes.	
11.	To create a Target Build-up Area	On the New Geometry window shape must be Rectangular, Circular, or Irregular.
a.	For a Target Build-up Area , click the Target Build-up tab.	
b.	Click the checkboxes for the desired targets.	Threshold and reported fields appear for each target.
c.	Type the threshold values for each target displayed.	AFATDS requires that the number of targets acquired in the TBA geometry equal the threshold before it will produce an option to fire a fire mission.
12.	To create a Restricted Fire Area	On the New Geometry window shape must be Rectangular, Circular, or Irregular.
a.	For RFA , click the Restrictions Info tabs and select the restricted fire support.	
13.	When editing is complete, click the  icon.	The geometry is sent to the AFATDS server for creation.

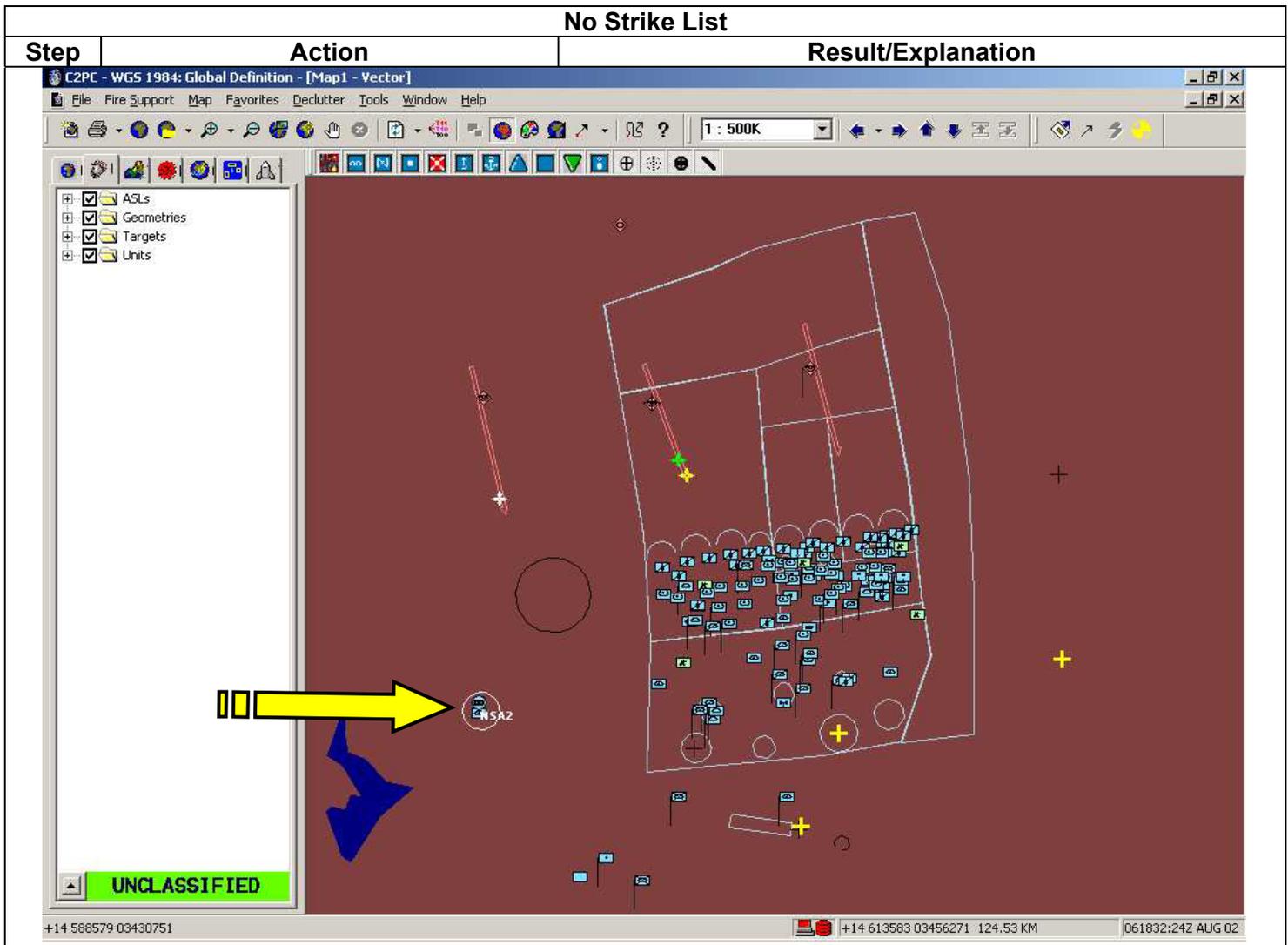
3012. No Strike List

No Strike List		
Step	Action	Result/Explanation
Function: This allows the operator to establish local "No Strike Areas" used for planning purposes available to the client only.		
1.	Start the EMT client on C2PC.	
a.	From the C2PC Workstation select Tools EMT . NOTE: If EMT is not displayed in the list under the Tools option, select the Injector Manager option and ensure that the EMT checkbox is checked.	The Effects Management Tools (EMT) software starts and the Login Screen window opens. NOTE: The Login Screen window takes approximately one minute to display.
		
2.	Define the AFATDS server	
a.	In the Host field, type the hostname of the AFATDS server.	The hostname is the name assigned to the AFATDS workstation when software is initially loaded. The server name appears before the prompt in a Unix xterm window and is also known as the COE name. To verify correct entries ping the AFATDS Server by IP and hostname after changing host file.
b.	Select the User's Role .	Settings for the User's Role can be set in the Preference table [Fire Support Utilities Preferences] to enable or disable specific features/functionality for each designated user's role.
3.	Login	
4.	Click the User's Name field and type the username.	

No Strike List		
Step	Action	Result/Explanation
5.	Click the User’s Password field and type the password.	
6.	Click the OK button.	A screen of changing pictures displays as data loads from the server to the client. A message is displayed at the bottom left hand corner of the window stating, “ Login in Progress, Please Wait! This message should change to Login Successful! after approximately one minute, and the screen will disappear.
		
7.	From the Main Menu Bar select Fire Support Targeting Tools No Strike List	The No Strike List window displays.
		
8.	Click the Create button.	The Create button grays and the No Strike List window provides the operator with the options to name the Protected Area, give the location/altitude of the Protected Area, give the radius of the Protected Area, and provide the Effective and Expiration times of the Protected Area.

No Strike List		
Step	Action	Result/Explanation
9.	<p>Enter the name of the Protected Area desired, the radius, the location and altitude, and the effective time and expiration time. Click the OK button.</p>	<p>NOTE: The  icon can also be used to pick a location from the map. The Calendar/Time Tool, mentioned in section 3004, can also be used for selecting the Effective Time and the Expiration Time.</p>
10.	<p>The Protected Area that was created is displayed in the area labeled Protected Area in the No Strike List window.</p>	

No Strike List		
Step	Action	Result/Explanation
11.	To close the No Strike List window select File Close or click on the  icon.	The No Strike List window closes.
12.	The Protected Area created on the No Strike List is displayed on the client map only.	NOTE: The No Strike List protected area geometry will be treated like any geometry and can be viewed by selecting it on the No Strike List window, then selecting the Edit button. It can also be viewed by right mouse clicking and selecting View/Edit , or by editing it from the Geometry Worksheet , or by selecting it from the Tree and right mouse clicking and selecting View/Edit .



13. If a fire mission/ASR is established on the EMT Client, within the No Strike List – Protected Area the operator will be presented with a warning that a conflict has occurred.

The **Conflict** window opens.

NOTE: If the fire mission/ASR is created on the client – the conflict is checked before the fire mission/ASR is sent to AFATDS. However, if the fire mission/ASR is initiated at AFATDS, and there is a conflict, the client user will still be presented with the **Conflict** window. The user recommended courses of actions are to select 1) **Checkfiring** and checkfire the Tgt, 2) **Ignore** and then end the mission (EOM), or 3) **Ignore** and allow the fire mission/ASR processing to continue.

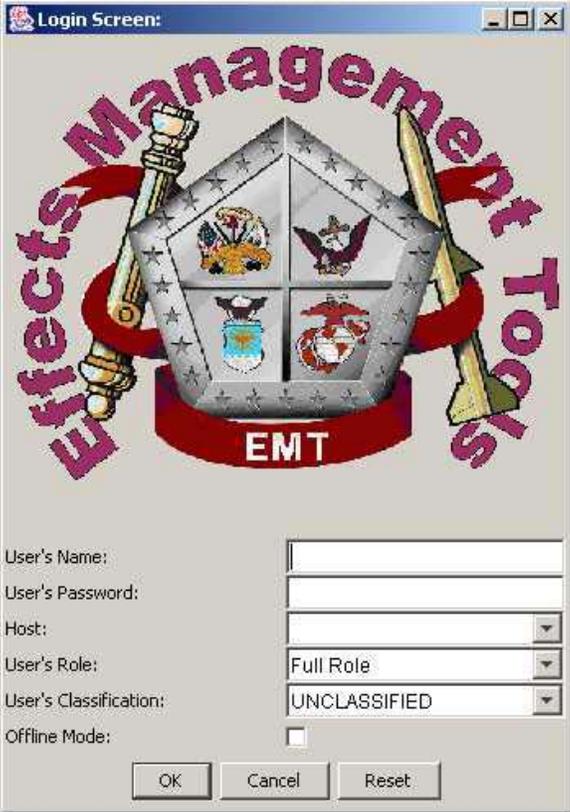


		No Strike List
Step	Action	Result/Explanation
14.	If the View/Edit Protected Area button is selected the operator will be presented with the No Strike List window in which the protected area can be edited.	
15.	If the View/Edit IFM button is selected the operator will be presented with the Initiate Fire Mission window in which the fire mission can be edited, only if the fire mission was created at the client.	

No Strike List		
Step	Action	Result/Explanation
16.	If the Checkfiring button is selected the Protected Area Conflict window closes and the Initiate Fire Mission window closes and the target is placed in the Checkfiring target list on the Checkfiring/Cancel Checkfiring window.	
17.	If the fire mission/ASR is originated at the EMT Client and the Ignore button is selected, the fire mission/ASR is passed to AFATDS and processed accordingly; If the fire mission/ASR originated at AFATDS and the Ignore button is selected fire mission/ASR processing continues as normal.	

3013. Geometry Report

Geometry Worksheet

Step	Action	Result/Explanation
1.	Start the EMT client on C2PC.	
a.	From the C2PC Workstation select Tools EMT . NOTE: If EMT is not displayed in the list under the Tools option, select the Injector Manager option and ensure that the EMT checkbox is checked.	The Effects Management Tools (EMT) software starts and the Login Screen window opens. NOTE: The Login Screen window takes approximately one minute to display.
		
2.	Define the AFATDS server	
a.	In the Host field, type the hostname of the AFATDS server. The IP address can also be used.	NOTE: The hostname is the name assigned to the AFATDS workstation when software is initially loaded. The hostname appears before the prompt in a Unix xterm window and is also known as the COE name. To verify correct entries ping the AFATDS Server by IP and hostname after changing host file.
b.	Select the User's Role .	Settings for the User's Role can be set in the Preference table [Fire Support Utilities Preferences] to enable or disable specific features/functionality's for each designated user's role. NOTE: These roles are only specific to the client and have no direct correlation with the AFATDS user roles.
c.	Set the appropriate User's Classification of the AFATDS workstation.	
3.	Login	
4.	Click the User's Name field and type the username.	

Geometry Worksheet

Step	Action	Result/Explanation
5.	Click the User’s Password field and type the password.	
6.	Click the OK button.	A screen of changing pictures displays as data loads from the server to the client. A message is displayed at the bottom left hand corner of the window stating, “Login in Progress, Please Wait!” This message should change to Login Successful! after approximately one minute, and the screen will disappear.



7.	From the Main Menu Bar select Fire Support Reports Geometry Report	The Geometry Worksheet window displays.
----	--	--

Geometry Worksheet - Classification Not Determined

File Geometry

Geometries to display: AFATDS Local

0 of 31 Selected

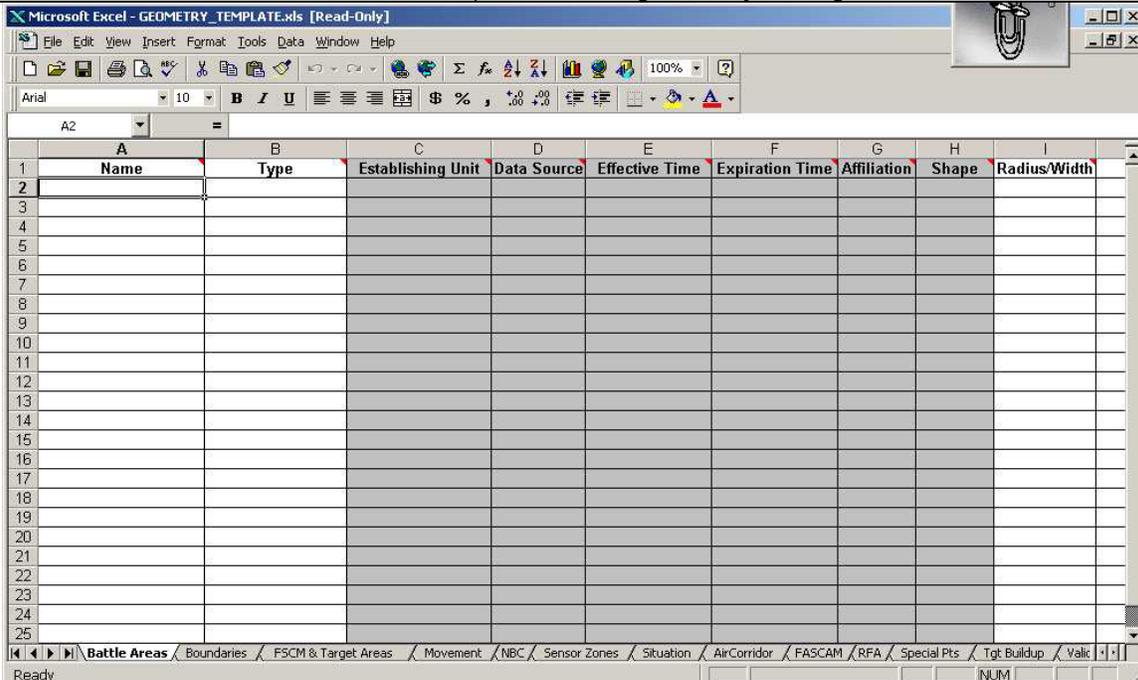
Name	Category	Type	Shape	Effective Ti...	Expiration ...	Affiliation	Location	Establishin...	Radius/Wi...	Data Source	Responsib...	State
1	Situation	Axis Of Adv...	Line	01 0600Z A...	30 0620Z D...	Enemy	6 16421 03...	FSE T...		AFATDS 99+		Active
1 10ZOR	FSCM & Ta...	Zone Of Re...	Irregular	01 0000Z J...	30 0620Z D...	Friendly	6 22069 03...	FS...		AFATDS 99+	FSE TF ...	Active
1BDE	FSCM & Ta...	Zone Of Re...	Irregular	05 1708Z J...	05 1708Z J...	Friendly	6 04508 03...	OP...		Locally Cre...	FS...	Active
2	Situation	Axis Of Adv...	Line	01 0600Z A...	30 0620Z D...	Enemy	5 94876 03...	FSE T...		AFATDS 99+		Active
2 BDE	Situation	Forward Li...	Line	01 0000Z J...	30 0620Z D...	Friendly	5 95538 03...	FSE M...		AFATDS 99+		Active
23CVD ZOR	FSCM & Ta...	Zone Of Re...	Irregular	16 1452Z J...	30 0620Z D...	Friendly	5 95712 03...	FS...		AFATDS 99+	FSE T...	Active
2BDE ZOR	FSCM & Ta...	Zone Of Re...	Irregular	16 1452Z J...	30 0620Z D...	Friendly	5 96131 03...	FSE M...		AFATDS 99+	FS...	Active
3	Situation	Axis Of Adv...	Line	01 0001Z J...	30 0620Z D...	Enemy	5 71933 03...	FSE M...		AFATDS 99+		Active
3 BDE	Situation	Forward Li...	Line	01 0000Z J...	30 0620Z D...	Friendly	6 12098 03...	FSE M...		AFATDS 99+		Active
3ACR ZOR	FSCM & Ta...	Zone Of Re...	Irregular	16 1452Z J...	30 0620Z D...	Friendly	6 30045 03...	FSE M...		AFATDS 99+	FS...	Active
3BDE ZOR	FSCM & Ta...	Zone Of Re...	Irregular	16 1452Z J...	30 0620Z D...	Friendly	6 13699 03...	FSE M...		AFATDS 99+	FS...	Active
40C585AR	FSCM & Ta...	Zone Of Re...	Irregular	05 1718Z J...	05 1718Z J...	Friendly	5 99494 03...	OP...		Locally Cre...	FIS 40/C 5...	Active
5 85ZOR	FSCM & Ta...	Zone Of Re...	Irregular	01 0000Z J...	30 0620Z D...	Friendly	6 12725 03...	FS...		AFATDS 99+	FSE TF 5...	Active
ACE	Situation	Assembly ...	Circle	01 0001Z J...	30 0620Z D...	Friendly	6 14116 03...	FSE M...	1500	AFATDS 99+		Active
ALPHA	Situation	Assembly ...	Circle	01 0001Z J...	30 0620Z D...	Friendly	6 26002 03...	FC...	1000	AFATDS 99+		Active
BIRDIE	Situation	Assembly ...	Circle	01 0600Z A...	30 0620Z D...	Friendly	6 11399 03...	FSE M...	1500	AFATDS 99+		Active
BOGEY	Situation	Assembly ...	Circle	16 1452Z J...	30 0620Z D...	Friendly	6 04078 03...	FSE M...	1500	AFATDS 99+		Active
BRAVO	Situation	Assembly ...	Circle	01 0001Z J...	30 0620Z D...	Friendly	6 19843 03...	FC...	1000	AFATDS 99+		Active
CHARLIE	Situation	Assembly ...	Circle	01 0001Z J...	30 0620Z D...	Friendly	6 14208 03...	FC...	1000	AFATDS 99+		Active
CLOSE BA	Battle Areas	Close Battl...	Irregular	16 1452Z J...	30 0620Z D...	Friendly	5 96059 03...	FSE T...		AFATDS 99+		Active
DEEP BA	Battle Areas	Deep Battl...	Irregular	16 1452Z J...	30 0620Z D...	Friendly	5 91738 03...	FSE T...		AFATDS 99+		Active
EAGLE	Situation	Assembly ...	Circle	01 0600Z A...	30 0620Z D...	Friendly	6 02320 03...	FSE M...	943	AFATDS 99+		Active
JADE	Situation	Assembly ...	Circle	+0	+1440	Friendly	6 21986 03...	FSE M...	1000	AFATDS 99+		On Call
NFA1	FSCM & Ta...	No Fire Area	Circle	05 1713Z J...	05 1713Z J...	Friendly	5 79656 03...	OP...	2500	Locally Cre...		Active
PAR	Situation	Assembly ...	Circle	01 0600Z A...	30 0620Z D...	Friendly	6 28412 03...	FSE M...	2000	AFATDS 99+		Active
REAR BA	Battle Areas	Rear Battle...	Irregular	16 1452Z J...	30 0620Z D...	Friendly	5 95712 03...	FSE M...		AFATDS 99+		Active
RFA1	FSCM & Ta...	Restrictive ...	Circle	05 1706Z J...	05 1706Z J...	Friendly	1 66021 00...	OP...	1000	Locally Cre...		Active
TAI 1	FSCM & Ta...	Targeted Ar...	Irregular	01 0000Z J...	01 0000Z J...	Friendly	6 08341 03...	OP...		AFATDS 99+		Active
TAI 2	FSCM & Ta...	Targeted Ar...	Irregular	01 0000Z J...	01 0000Z J...	Friendly	5 95589 03...	OP...		AFATDS 99+		Active
TAI 3	FSCM & Ta...	Targeted Ar...	Irregular	01 0000Z J...	01 0000Z J...	Friendly	6 16105 03...	OP...		AFATDS 99+		Active
TAI 4	FSCM & Ta...	Targeted Ar...	Irregular	01 0000Z J...	01 0000Z J...	Friendly	5 70945 03...	OP...		AFATDS 99+		Active

8.	The Geometry Worksheet toolbar contains the following icons:	
----	---	--

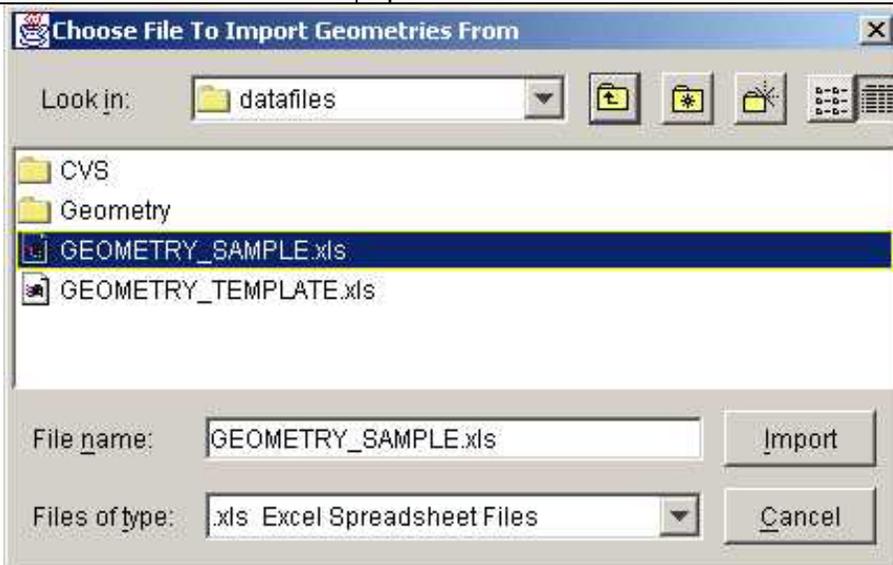
Geometry Worksheet		
Step	Action	Result/Explanation
		
a.	Click on the  button to print the Geometry Worksheet contents.	The Geometry Worksheet is printed to designated printer.
b.	Click on the  button to print preview the Geometry Worksheet contents.	The Geometry Worksheet is presented to the operator in a print preview format.
c.	Click on the  button to refresh the Geometry Worksheet contents.	The Geometry Worksheet refreshes.
d.	Click on the  button to close the Geometry Worksheet .	The Geometry Worksheet closes.
e.	Click on the  button to Import geometries from an Excel Spreadsheet.	The Excel Spreadsheet geometries are imported into the Geometry Worksheet .
f.	Click on the  button to Export the contents of the Geometry Worksheet to an Excel Spreadsheet.	The Geometry Worksheet geometries are exported into an Excel Spreadsheet.
g.	Click on the  button to send selected “Local” created geometry/geometries to AFATDS.	The selected locally generated geometry/geometries is sent to AFATDS from the Geometry Worksheet .
h.	Click on the  button to select which columns to display in the Geometry Worksheet .	The Geometry Worksheet columns change to reflect the selected columns.
i.	Click on the  button to initiate a search window for desired geometries created both in AFATDS and locally.	The Geometry Search window opens and provides the operator multiple options to create a search filter for created geometries.
j.	Click on the  button to select all of the listed geometries in the Geometry Worksheet .	All geometries in the Geometry Worksheet highlight.
k.	Click on the  button to clear selected (highlighted) geometries in the Geometry Worksheet .	The highlighted/selected geometries become unhighlighted.
l.	Click on the  button to create a new geometry.	The New Geometry window opens and provides the operator with options to create a new geometry (See Section 3012).
m.	Click on the  button to delete a selected geometry/geometries from the Geometry Worksheet and AFATDS.	Clicking this button provides the operator with the option to delete a selected geometry/geometries. NOTE: This will delete the geometry from AFATDS as well.

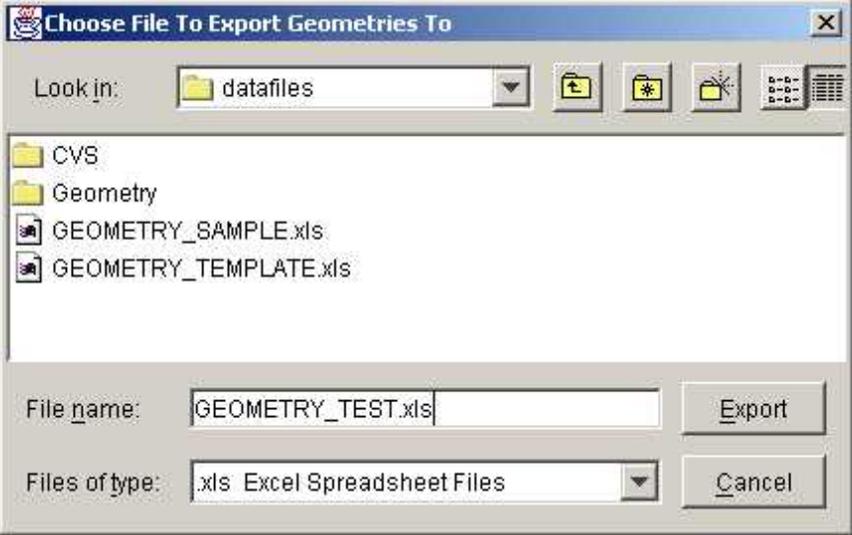
Geometry Worksheet

Step	Action	Result/Explanation
n.	Click on the  button to purge any expired “LOCAL” geometries from the Geometry Worksheet .	“LOCAL” geometries will be purged from the Geometry Worksheet .
9.	3013.1 Import Geometries from an Excel Spreadsheet	
a.	Begin by creating the geometries using the Geometry_Template.xls provided.	NOTE: Fields that require valid entries are provided with pulldown menu to select desired option. Also during import the operator will be notified of any geometry that was not imported and the reason import failed to allow the operator to correct the geometry for legal entries in AFATDS.

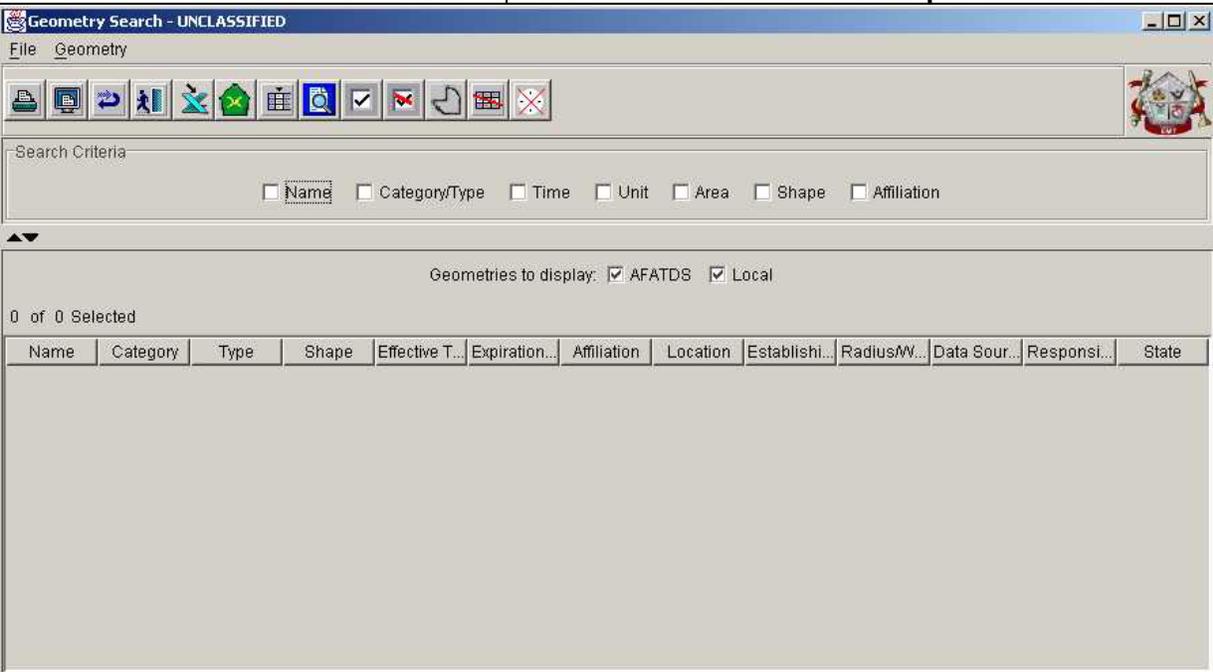


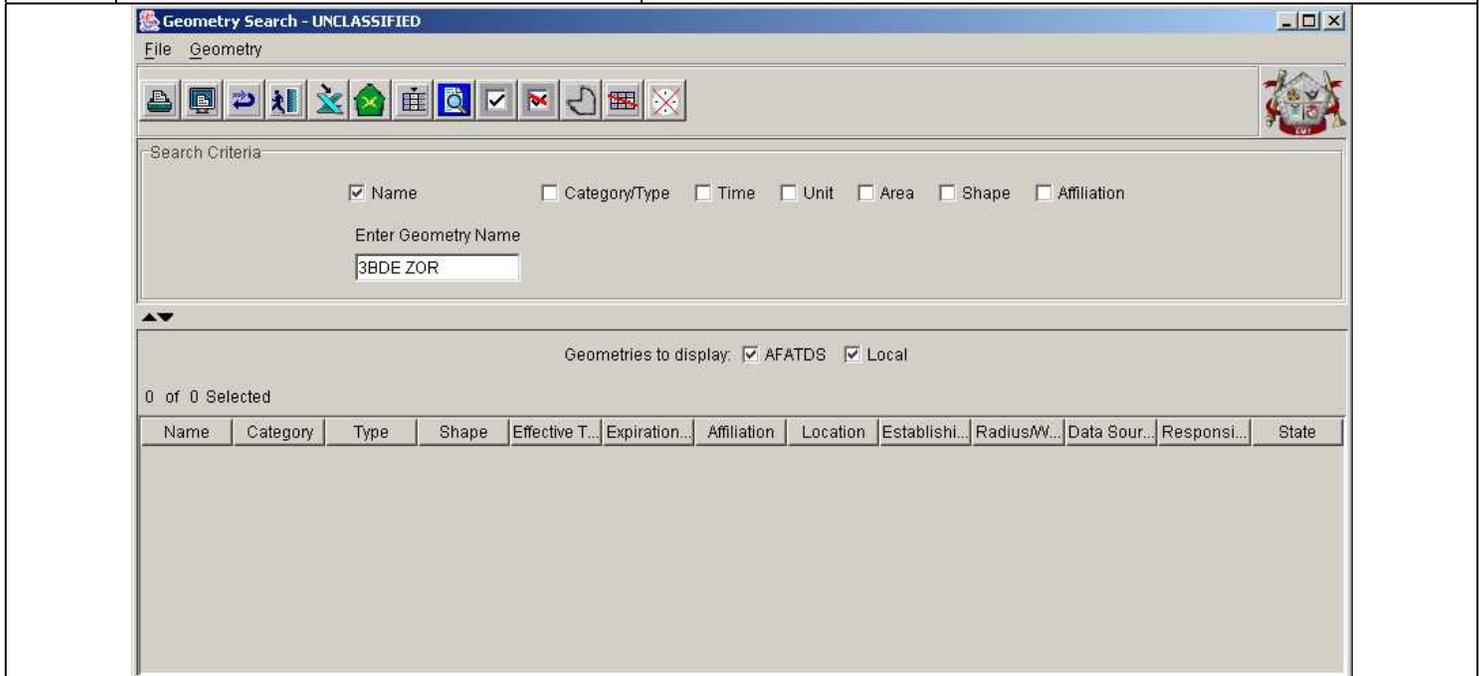
b.	Next, Click the  button.	The Choose File To Import Geometries From window opens.
----	---	--



Geometry Worksheet		
Step	Action	Result/Explanation
c.	Drill down to the location of the file to import and select the desired file. Click the Import button.	The geometries entered in the Excel Spreadsheet template will be imported into the Geometry Worksheet .
d.	Click the  button.	All geometries in the Geometry Worksheet highlight.
e.	Click the  button.	All geometries are sent to AFATDS and are now available for fire support deconfliction.
10.	3013.2 Export Geometries to an Excel Spreadsheet	NOTE: The export will be all geometries on the worksheet, if none selected, otherwise; only the geometries selected will be exported.
a.	Click the  button.	The Choose File To Export Geometries To window opens.
		
b.	Enter the desired name for the exported file in the File name field then click the Export button.	The Geometry Worksheet will be exported to the filename and directory entered. If the filename exists the operator will be presented with a Confirm Overwrite of File window with a Yes or No option.
c.	To view the exported spreadsheet, open Excel. Click File Open .	The Open window opens and provides the operator with options to drill down to the desired folder location of the exported Geometry Worksheet file.
d.	Select the file to open, click on the Open button.	The desired exported Geometry Worksheet file opens. The operator may now modify the file and reuse it as an import file.
11.	3013.3 To Search For Particular Geometries	
a.	Click on the  button.	The Geometry Search window opens.

Geometry Worksheet

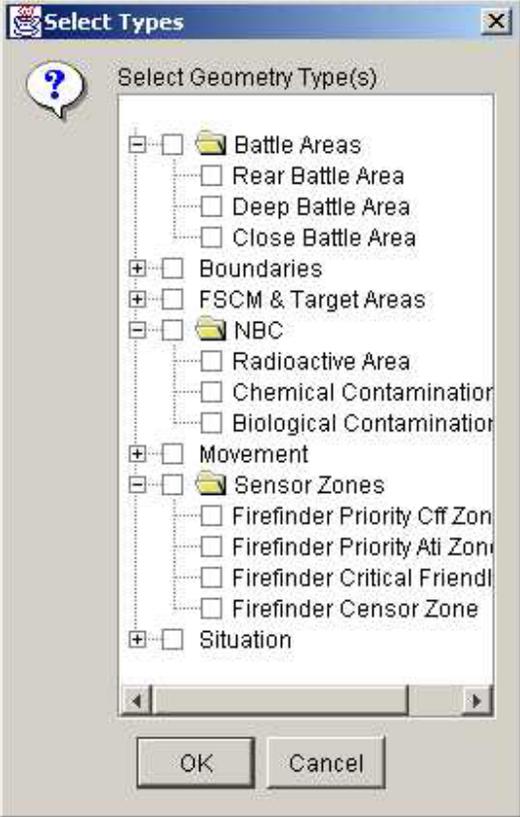
Step	Action	Result/Explanation
		
a.	Choose from the options available for “search criteria” desired.	The Geometry Search window will populate with the geometries that match the search criteria.
b.	The search criterion is detailed as shown below.	NOTE: These search criteria can be used in any variation desired by the operator. Remember: The more criteria used the more specific the search becomes.
1)	Name – Click the checkbox next to Name .	An Enter Geometry Name field is presented to the operator.



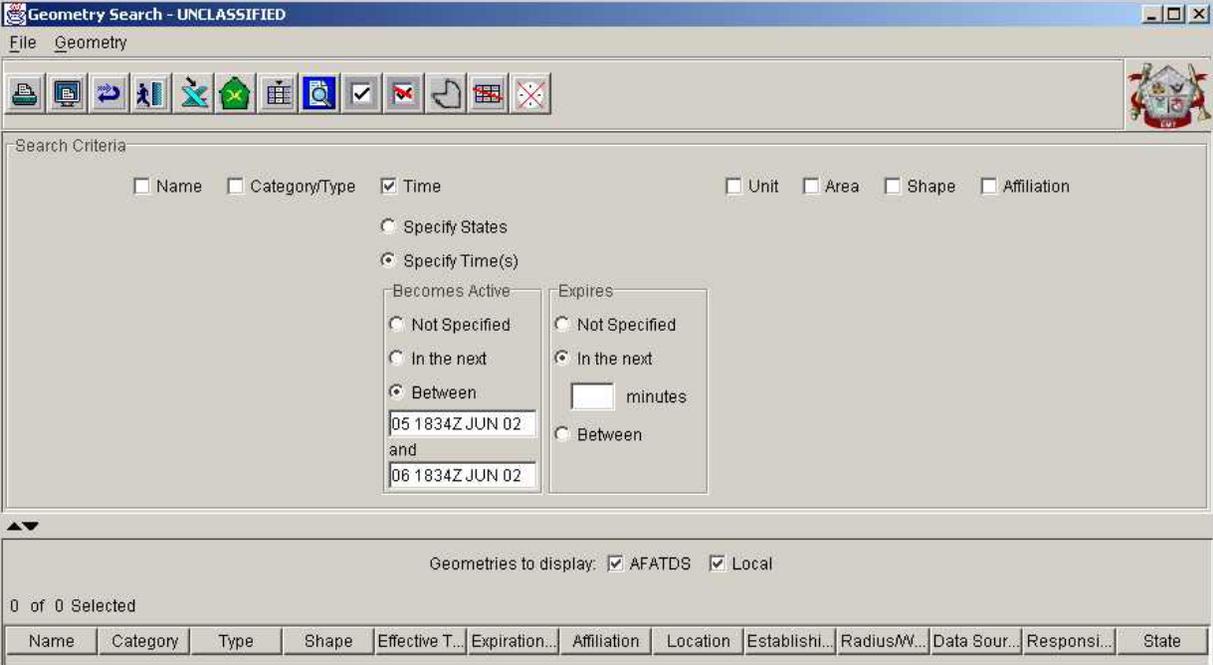
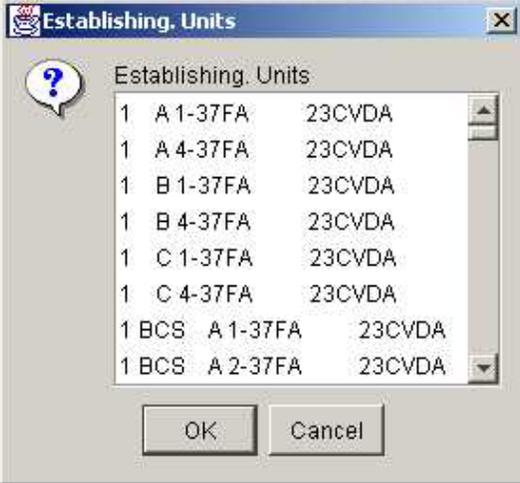
Geometry Worksheet

Step	Action	Result/Explanation																										
a)	Enter the name to search for in the area labeled Enter Geometry Name . Click the  button to search for the geometry name entered. NOTE: User may use the * as a wildcard for searches.	If geometry exists, geometry will display in the area labeled Geometries To Display , as indicated in the below picture.																										
 <table border="1" data-bbox="191 865 1404 919"> <thead> <tr> <th>Name</th> <th>Category</th> <th>Type</th> <th>Shape</th> <th>Effective T...</th> <th>Expiration...</th> <th>Affiliation</th> <th>Location</th> <th>Establishi...</th> <th>Radius/W...</th> <th>Data Sour...</th> <th>Responsi...</th> <th>State</th> </tr> </thead> <tbody> <tr> <td>3BDE ZOR</td> <td>FSCM & T...</td> <td>Zone Of R...</td> <td>Irregular</td> <td>16 1452Z ...</td> <td>30 0620Z ...</td> <td>Friendly</td> <td>6 13699 0...</td> <td>FSE ...</td> <td></td> <td>AFATDS 9...</td> <td>FS...</td> <td>Active</td> </tr> </tbody> </table>			Name	Category	Type	Shape	Effective T...	Expiration...	Affiliation	Location	Establishi...	Radius/W...	Data Sour...	Responsi...	State	3BDE ZOR	FSCM & T...	Zone Of R...	Irregular	16 1452Z ...	30 0620Z ...	Friendly	6 13699 0...	FSE ...		AFATDS 9...	FS...	Active
Name	Category	Type	Shape	Effective T...	Expiration...	Affiliation	Location	Establishi...	Radius/W...	Data Sour...	Responsi...	State																
3BDE ZOR	FSCM & T...	Zone Of R...	Irregular	16 1452Z ...	30 0620Z ...	Friendly	6 13699 0...	FSE ...		AFATDS 9...	FS...	Active																
2)	Category/Type – Click the checkbox next to Category/Type .	An option button entitled Select Types appears under the Category/Type label.																										
a)	Click the Select Types button.	The Select Types window opens.																										

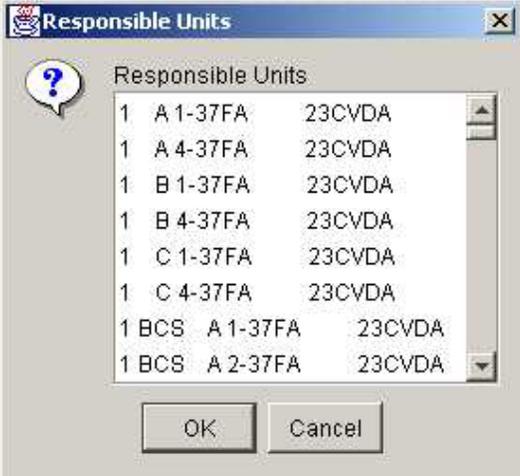
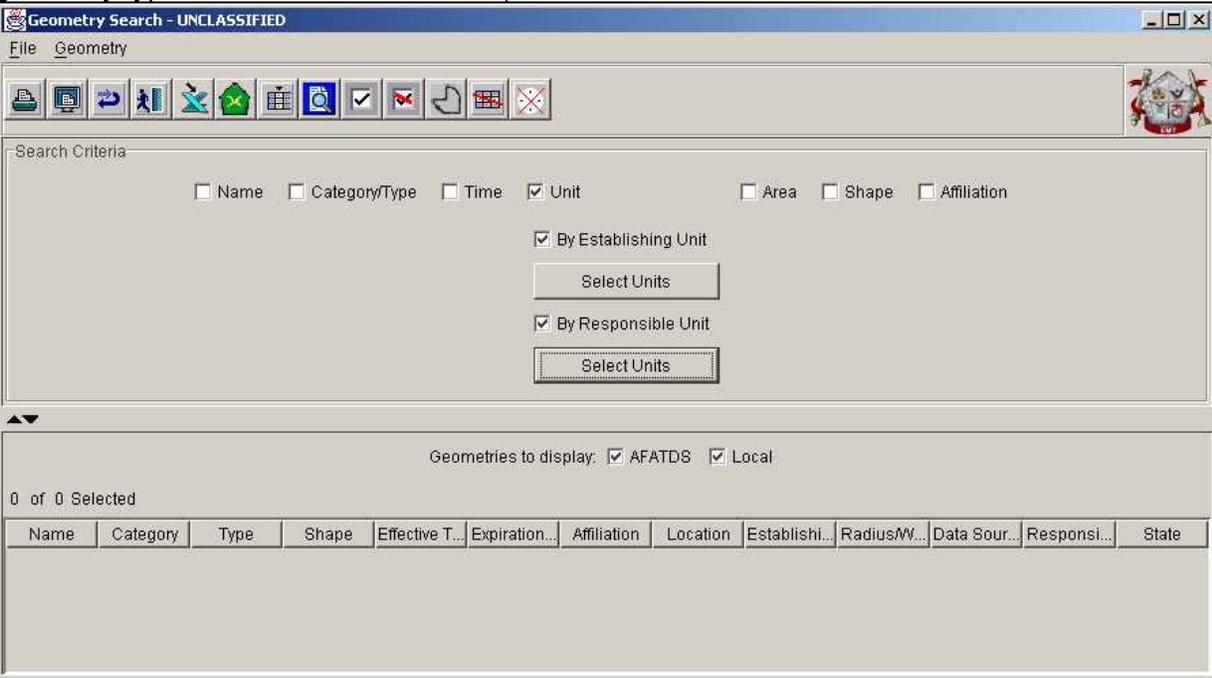
Geometry Worksheet

Step	Action	Result/Explanation
		
b)	<p>Click on the desired geometry category and/or type desired for the search. NOTE: Each of the Geometry categories can be expanded and a specific search for a specific geometry type can be used. Click the OK button.</p>	<p>The Select Types window closes and a search can now be started using the geometry categories/types selected.</p>
c)	<p>Click the  button to search for the geometry type entered.</p>	<p>If geometry exists, geometry will display in the area labeled Geometries To Display.</p>
3)	<p>Time – Click the checkbox next to Time.</p>	<p>The operator is presented with two options.</p>
a)	<p>Specify States – This allows the operator to choose whether to search Active, On-Call, and/or Inactive geometries.</p>	
Or...		
b)	<p>Specify Times – This allows the operator to choose between whether the geometry becomes active between specified times or “in the next” number of minutes or whether the geometry expires “in the next” number of minutes or between specified times.</p>	<p>The operator is presented with options to choose from to narrow the search parameters to specified or non-specified times whether the geometry is going to become active or expire. NOTE: Refer to section 3005 to use the Calendar/Time Tool.</p>

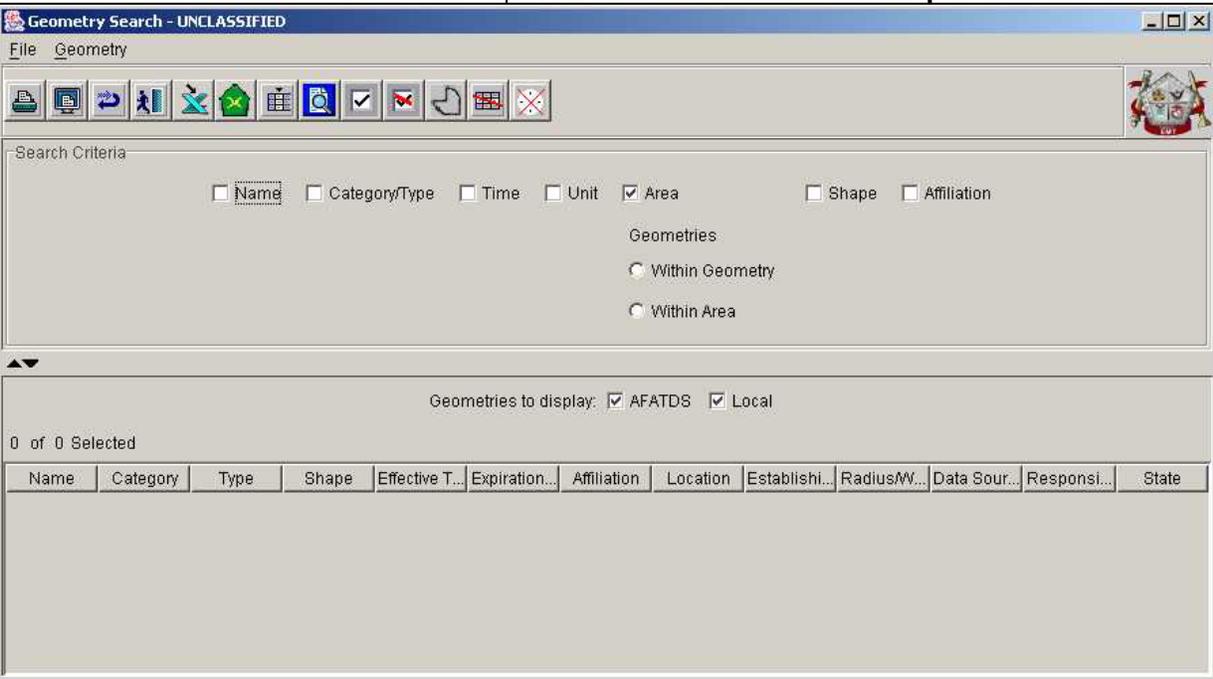
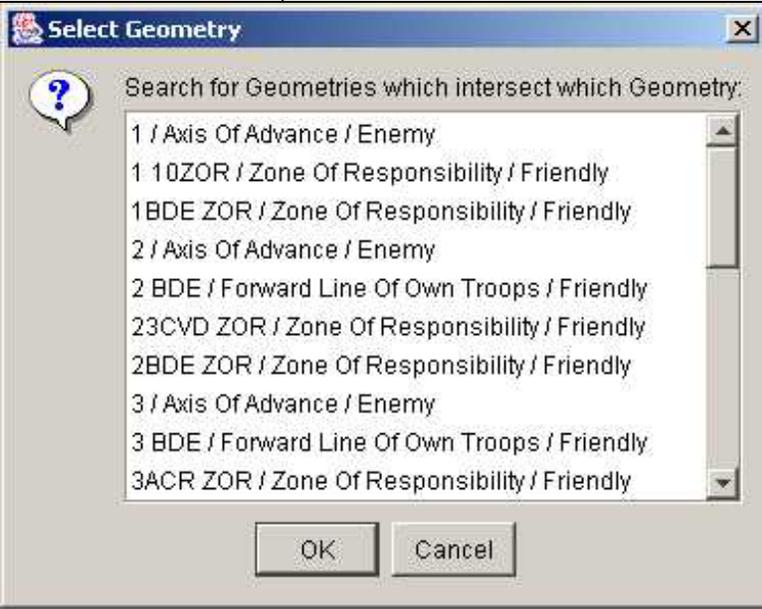
Geometry Worksheet

Step	Action	Result/Explanation
		
c)	Click the  button to search for the geometry type entered.	If geometry exists, geometry will display in the area labeled Geometries To Display .
4)	Unit - Click the checkbox next to Unit .	The operator is presented with two options.
a)	By Establishing Unit – This allows the operator to search for a geometry that was established by a specific unit. Click the checkbox next to By Establishing Unit .	An option button entitled Select Units appears under the By Establishing Unit label. NOTE: Only units that are in the Current Situation are listed in the Establishing Units window.
		
		<p style="text-align: center;">Or...</p>
b)	By Responsible Unit – This allows the operator to search for a geometry that a specific unit is responsible for. Click the checkbox next to By Responsible Unit .	An option button entitled Select Units appears under the By Responsible Unit label. NOTE: Only units that are in the Current Situation are listed in the Responsible Units window. NOTE: This only applies to ZORs.

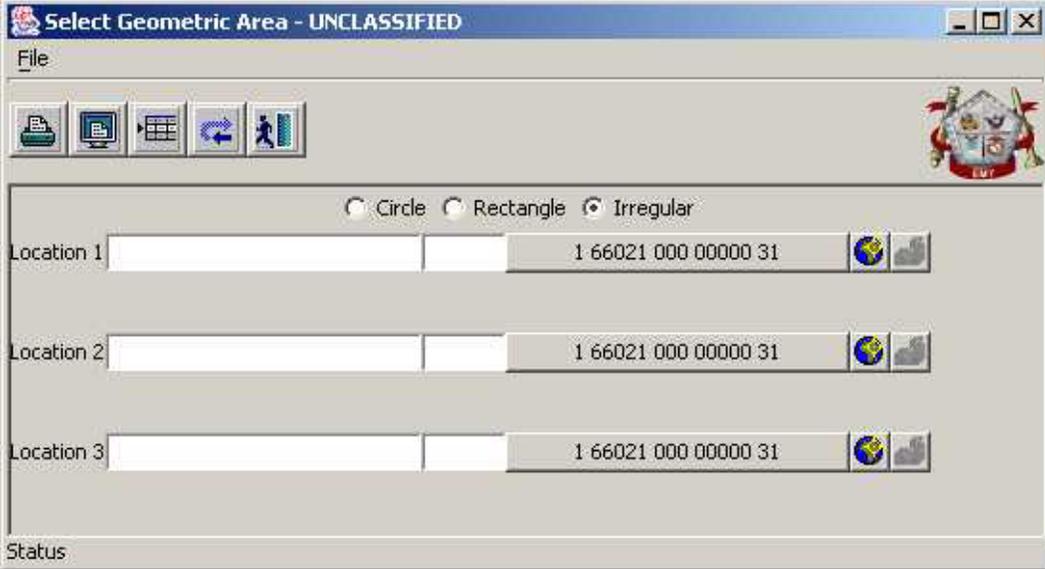
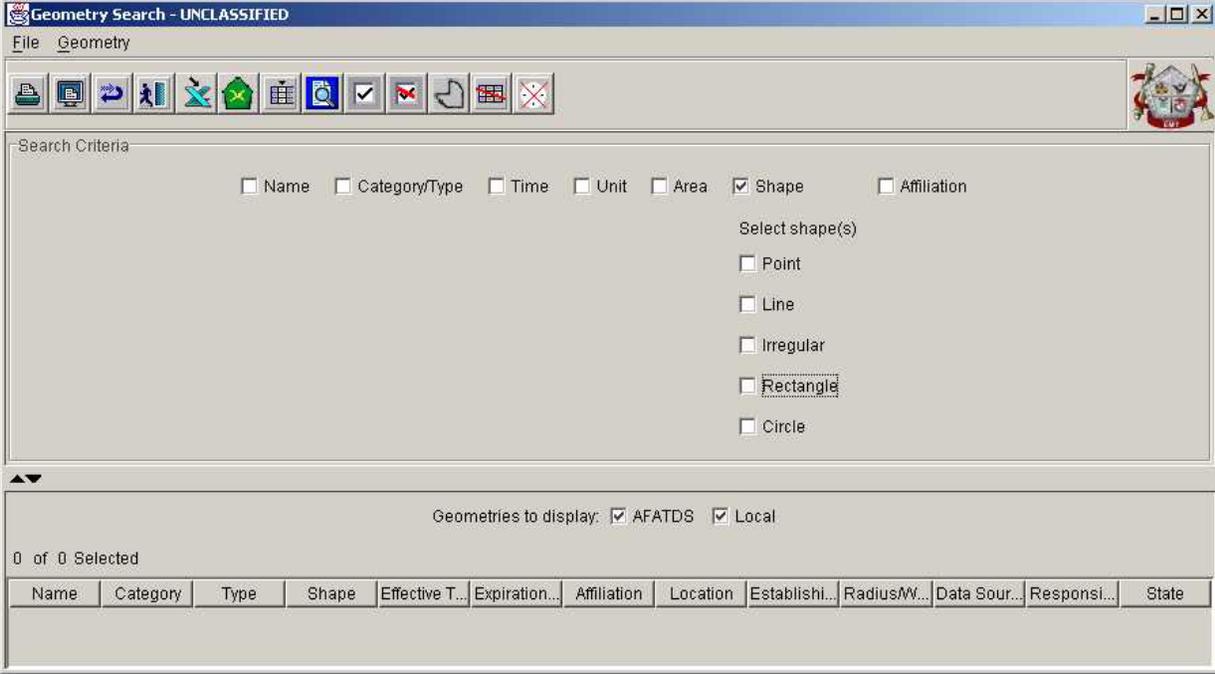
Geometry Worksheet

Step	Action	Result/Explanation
		
c)	<p>Click the  button to search for the geometry type entered.</p>	<p>If geometry exists, geometry will display in the area labeled Geometries To Display.</p>
		
5)	<p>Area - Click the checkbox next to Area. NOTE: This is only a two-dimensional check (i.e. If an ACA has a low altitude range of 1000 ft and there is a NFA under it, the search will show an intersection).</p>	<p>The operator is presented with two options.</p>

Geometry Worksheet

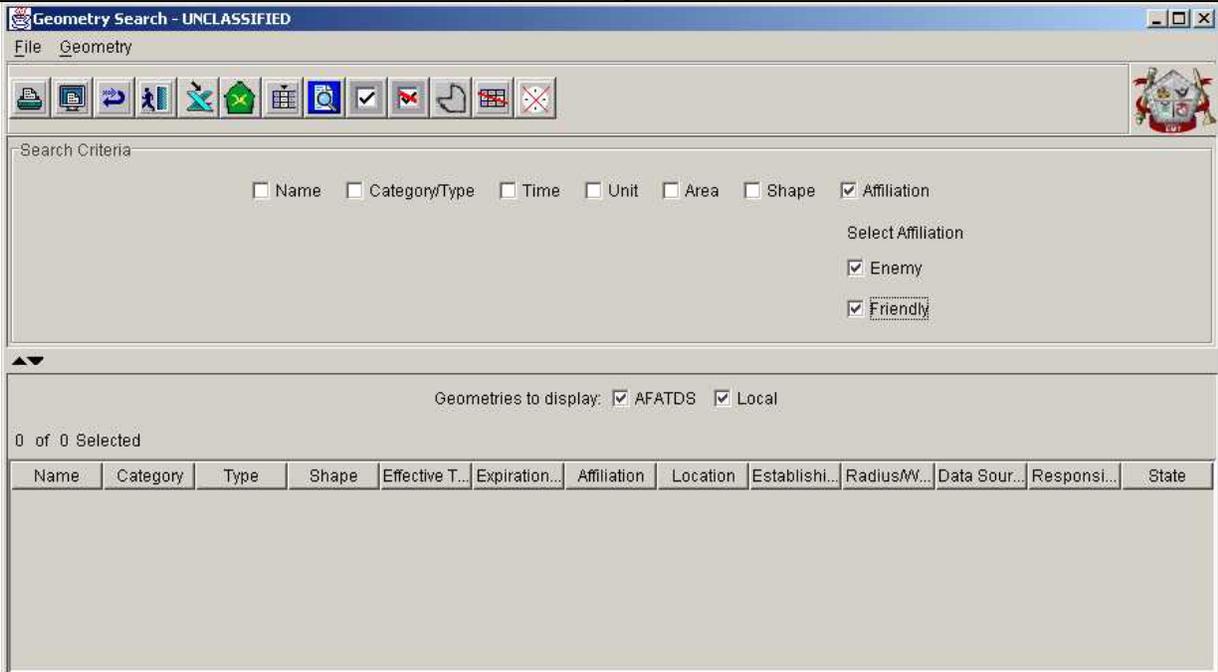
Step	Action	Result/Explanation
		
a)	<p>Within Geometry – This allows the operator to search for a geometry that is located within another geometry. Click the checkbox next to Within Geometry.</p>	<p>A Select Geometry window appears containing a list of geometries in which the operator can choose to search within.</p>
		
b)	<p>Within Area – This allows the operator to search for a geometry in a given area. Click the checkbox next to Within Area.</p>	<p><i>Or...</i> The Select Geometric Area window opens and provides the operator with the option to create an area from the map in which to search for geometries.</p>

Geometry Worksheet

Step	Action	Result/Explanation
		
c)	Click the  button to search for the geometry type entered.	If geometry exists, geometry will display in the area labeled Geometries To Display .
6)	Shape – Click the checkbox next to Shape .	The operator is presented with five options: Point Line Irregular Rectangle Circle
		
a)	Click the  button to search for the geometry type entered.	If geometry exists, geometry will display in the area labeled Geometries To Display .

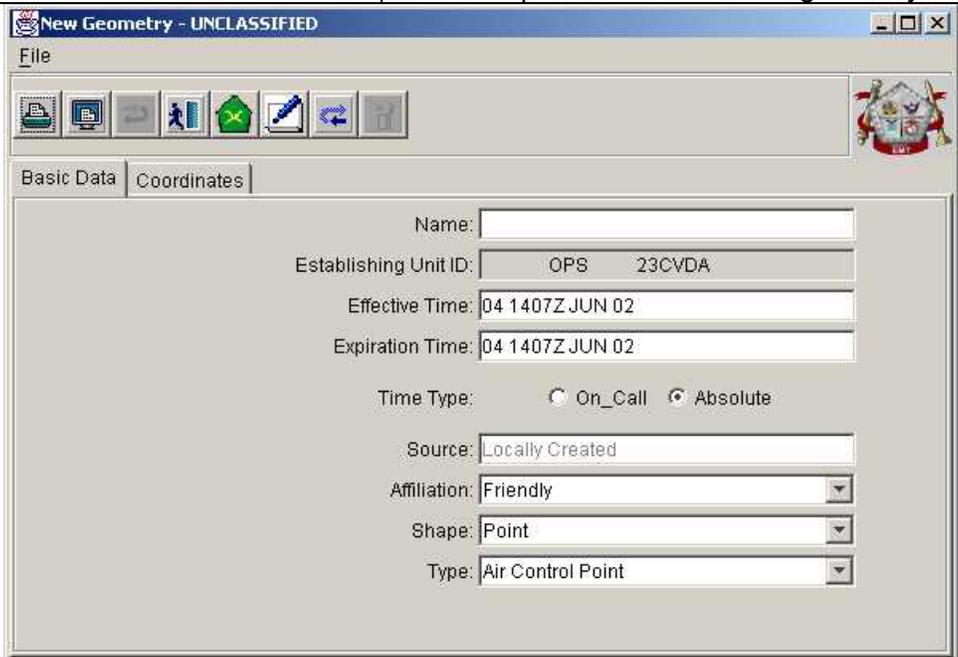
Geometry Worksheet

Step	Action	Result/Explanation
b)	Affiliation – Click the checkbox next to Affiliation .	The operator is presented with two options. Enemy Friendly

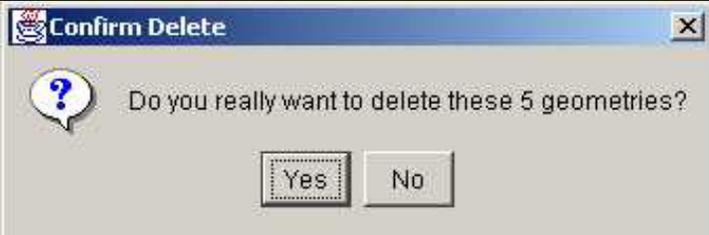


c)	Click the  button to search for the geometry type entered.	If geometry exists, geometry will display in the area labeled Geometries To Display .
----	---	--

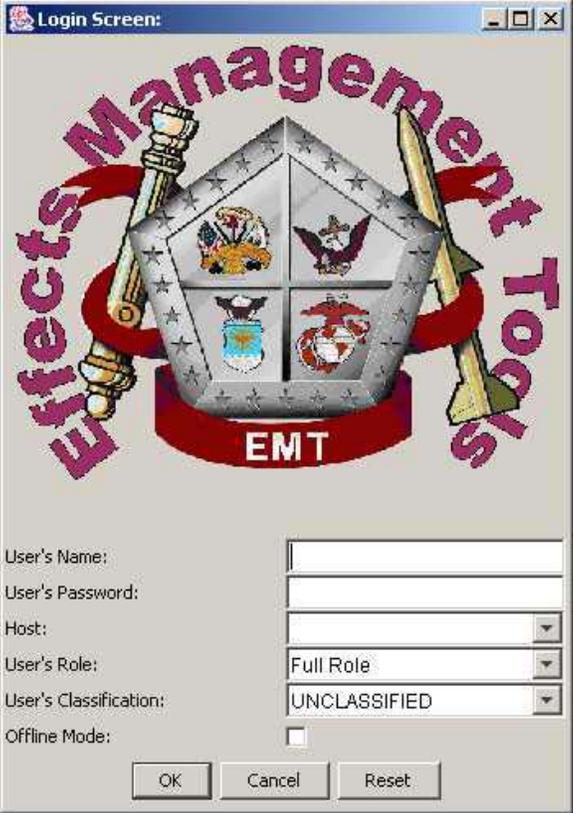
12.	3013.4 Create New Geometry	
a.	Click on the  button.	The New Geometry window opens and provides the operator with the option to create a new geometry.



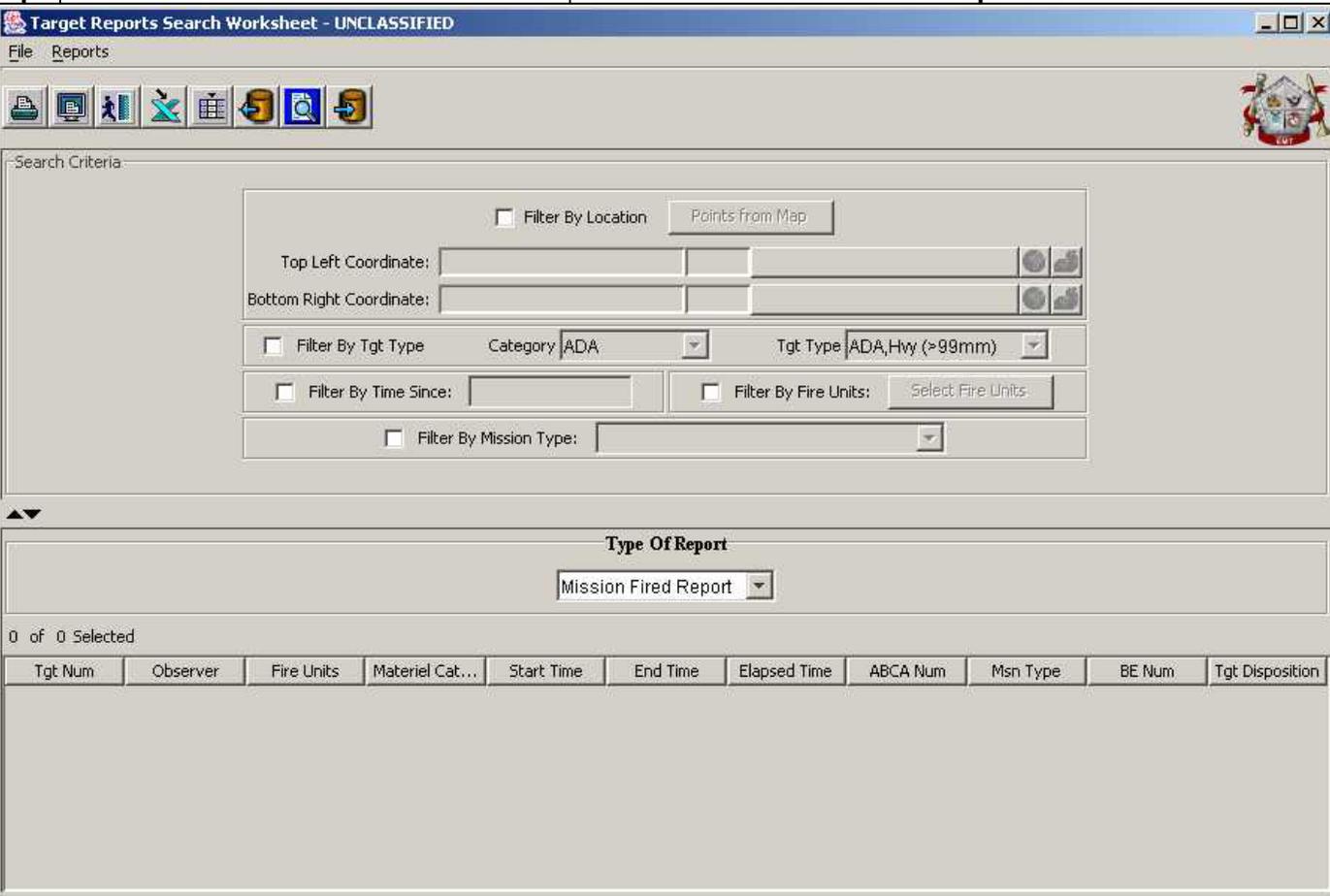
Geometry Worksheet		
Step	Action	Result/Explanation
1)	Enter the following on the New Geometry window:	
2)	Type a unique name in the Name field.	AFATDS will not allow duplicate names for geometries of the same shape. For example, two areas or two points may not have the same name.
3)	Edit the Effective Time and Expiration Time . NOTE: Refer to section 3005 to use the Calendar/Time Tool.	These default to the time the window opens.
4)	Select the Affiliation	Default is Friendly
5)	Click the Shape field and select the desired shape.	The list found in the Type field changes based on the shape.
6)	Select the desired geometry Shape	An additional tab is displayed for RFA restrictions, ACA altitudes and Target Build-Up Area target types when these type measures are selected.
7)	For shapes Circle and Rectangle, enter the Width or Radius in meters.	A valid range is between 1-9999 meters. NOTE: Anything outside this range will cause the invalid field affected to turn red showing the operator an invalid indication has occurred.
b.	Enter the following on the Coordinates tab.	
1)	Click the Coordinates tab.	
2)	Click the Location1 field and...	
3)	Type the location.	
Or...		
4)	Select a grid from the map by clicking the  icon.	The map displays. Click a location on the map causes the New Geometry window to re-display with the selected location.
5)	Repeat this process for each additional grid.	
13.	3013.5 Copy Geometry From Worksheet	
a.	On the Geometry Worksheet choose the desired geometry or geometries to be copied.	The geometry or geometries become highlighted.
b.	Right mouse click in the highlighted area and choose Copy . NOTE: A geometry window opens for each geometry to be copied, therefore; if six geometries were selected to be copied, six geometry windows will be opened for the operator to establish.	A geometry window opens containing all the information for the geometry or geometries selected. The Name field is blank. All fields are able to be edited with the exception of Establishing Unit ID and Source .
14.	3013.6 Center Map on Geometry From Worksheet	
a.	On the Geometry Worksheet choose the desired geometry to center map on.	The geometry becomes highlighted.
b.	Right mouse click in the highlighted area and choose Center Map .	The JMTK Map Display centers on the selected geometry.

Geometry Worksheet		
Step	Action	Result/Explanation
15.	3013.7 View/Edit Geometry From Worksheet	
a.	On the Geometry Worksheet choose the desired geometry or geometries to be copied.	The geometry or geometries become highlighted.
b.	Right mouse click in the highlighted area and choose View/Edit . NOTE: A geometry window opens for each geometry to be viewed/edited, therefore; if six geometries were selected to be viewed/edited, six geometry windows will be opened for the operator to view/edit.	A geometry window opens containing all the information for the geometry or geometries selected.
<i>Or...</i>		
c.	For a single geometry to View/Edit the operator can simply double left mouse click on the geometry desired.	A geometry window opens containing all the information for the geometry selected.
16.	3013.8 Delete Geometry/Geometries From Worksheet	
a.	On the Geometry Worksheet choose the desired geometry or geometries to be copied.	The geometry or geometries become highlighted.
b.	Right mouse click in the highlighted area and choose Delete .	A Confirm Delete window opens and presents the operator with the question, “ Do you really want to delete these <#> geometries? ” The operator can choose Yes or No .
		
c.	If yes is chosen, the selected geometries will be deleted from the client only if they are “Locally” created or from both the client and AFATDS if they are an AFATDS geometry.	The Confirm Delete window closes and the selected geometries are deleted from their respective source.
d.	If no is chosen, no geometries are deleted.	The Confirm Delete window closes.
17.	To close the Geometry Worksheet window, click the  button.	The Geometry Worksheet window closes.

3014. Target Reports

Target Reports.		
Step	Action	Result/Explanation
Function: This window allows the user to search on various target criteria.		
1.	Start the EMT client on C2PC.	
a.	From the C2PC Workstation select Tools EMT . NOTE: If EMT is not displayed in the list under the Tools option, select the Injector Manager option and ensure that the EMT checkbox is checked.	The Effects Management Tools (EMT) software starts and the Login Screen window opens. NOTE: The Login Screen window takes approximately one minute to display.
		
2.	Define the AFATDS server	
a.	In the Host field, type the hostname of the AFATDS server. The IP address can also be used.	NOTE: The hostname is the name assigned to the AFATDS workstation when software is initially loaded. The hostname appears before the prompt in a Unix xterm window and is also known as the COE name. To verify correct entries ping the AFATDS Server by IP and hostname after changing host file.
b.	Select the User's Role .	Settings for the User's Role can be set in the Preference table [Fire Support Utilities Preferences] to enable or disable specific features/functionality's for each designated user's role. NOTE: These roles are only specific to the client and have no direct correlation with the AFATDS user roles.
c.	Set the appropriate User's Classification of the AFATDS workstation.	
3.	Login	

Target Reports.		
Step	Action	Result/Explanation
4.	Click the User’s Name field and type the username.	
5.	Click the User’s Password field and type the password.	
6.	Click the OK button.	A screen of changing pictures displays as data loads from the server to the client. A message is displayed at the bottom left hand corner of the window stating, “ Login in Progress, Please Wait! ” This message should change to Login Successful! after approximately one minute, and the screen will disappear.
		
7.	From the Main Menu Bar select Fire Support Reports Target Reports	The Target Reports Search Worksheet window displays.

Target Reports.		
Step	Action	Result/Explanation
		
8.	<p>Choose from the options available for “Search Criteria” desired for each Type of Report. There are three types of Target Reports: 1) Mission Fired Report, 2) Counterfire Report, and 3) Air Support List Report.</p>	<p>The Target Reports Search Worksheet window will populate with the units that match the search criteria. NOTE: These search criterions can be used in any variation desired by the operator. Remember: The more criterions used the more specific the search becomes.</p>

Target Reports.		
Step	Action	Result/Explanation
a.	3014.1 Mission Fired Report.	NOTE: The search criterion is detailed as shown below.
1)	To filter by location – Click the checkbox next to Filter By Location	The Points from Map button activates and provides the user with the option to 1) Click the Points from Map button or 2) Use the Collect point from Map icon.

Target Reports.		
Step	Action	Result/Explanation
a)	To get map coordinates click the Points from Map button.	The Target Reports Search Worksheet window goes to the back and the Effects Management Tool window comes to the front.
b)	Click on the map at the desired two locations for Top Left and Bottom Right .	The coordinates auto-fill in the two fields provided.
<i>Or...</i>		
c)	Select a grid from the map by clicking the  icon.	The map displays. Click a location on the map causes the Target Reports Search Worksheet window to re-display with the selected location. NOTE: Must also include the altitude of the target as part of the location data.
d)	If no other search criterion is desired, click the  button to search for the units selected.	If any units exist, the units will display in the below area displaying the applicable information based on the type of report selected.

Target Reports.		
Step	Action	Result/Explanation
2)	To filter by Target Type – Click the checkbox next to Filter By Tgt Type	The Category and Tgt Type fields become active to select the desired Category and Tgt Type to search on.

Target Reports.																																			
Step	Action	Result/Explanation																																	
<p>The screenshot shows the 'Target Reports Search Worksheet' interface. It includes a menu bar (File, Reports), a toolbar with various icons, and a 'Search Criteria' section with several filter options: 'Filter By Location' (unchecked), 'Filter By Tgt Type' (checked), 'Filter By Time Since' (unchecked), and 'Filter By Mission Type' (unchecked). The 'Category' dropdown is set to 'Fire Support' and 'Tgt Type' is set to 'Arty,Unknown'. Below this is a 'Type Of Report' dropdown set to 'Mission Fired Report'. At the bottom, a table displays search results:</p> <table border="1"> <thead> <tr> <th>Tgt Num</th> <th>Observer</th> <th>Fire Units</th> <th>Materiel Cat...</th> <th>Start Time</th> <th>End Time</th> <th>Elapsed Time</th> <th>ABCA Num</th> <th>Msn Type</th> <th>BE Num</th> <th>Tgt Disposition</th> </tr> </thead> <tbody> <tr> <td>AA0015</td> <td>FSE ...</td> <td>OPS ...</td> <td>Arty,Unknown</td> <td>16 1543Z SE...</td> <td>17 1022Z SEP...</td> <td>018:39:22</td> <td></td> <td>Fire For Effect</td> <td></td> <td>Neutralized</td> </tr> <tr> <td>AA0020</td> <td>FSE ...</td> <td>A 6...</td> <td>Arty,Unknown</td> <td>16 1839Z SE...</td> <td>17 1022Z SEP...</td> <td>015:43:41</td> <td></td> <td>Fire For Effect</td> <td></td> <td>Neutralized B...</td> </tr> </tbody> </table>			Tgt Num	Observer	Fire Units	Materiel Cat...	Start Time	End Time	Elapsed Time	ABCA Num	Msn Type	BE Num	Tgt Disposition	AA0015	FSE ...	OPS ...	Arty,Unknown	16 1543Z SE...	17 1022Z SEP...	018:39:22		Fire For Effect		Neutralized	AA0020	FSE ...	A 6...	Arty,Unknown	16 1839Z SE...	17 1022Z SEP...	015:43:41		Fire For Effect		Neutralized B...
Tgt Num	Observer	Fire Units	Materiel Cat...	Start Time	End Time	Elapsed Time	ABCA Num	Msn Type	BE Num	Tgt Disposition																									
AA0015	FSE ...	OPS ...	Arty,Unknown	16 1543Z SE...	17 1022Z SEP...	018:39:22		Fire For Effect		Neutralized																									
AA0020	FSE ...	A 6...	Arty,Unknown	16 1839Z SE...	17 1022Z SEP...	015:43:41		Fire For Effect		Neutralized B...																									
a)	Click on the Category menu drop down arrow. Select the desired target category for search.	The Category selected fills the Category field.																																	
b)	Click on the Tgt Type menu drop down arrow. Select the desired target type for search.	The Tgt Type selected fills the Tgt Type field.																																	
c)	If no other search criterion is desired, click the  button to search for the units selected.	If any units exist, the units will display in the below area displaying the applicable information based on the type of report selected, as shown above.																																	
3)	To filter by Time Since – Click the checkbox next to Filter By Time Since	The Time Since field becomes active.																																	

Target Reports.																																														
Step	Action	Result/Explanation																																												
<p>The screenshot displays the 'Target Reports Search Worksheet' interface. The 'Search Criteria' section includes filters for location (Points from Map), target type (ADA), and time (17 0600Z SEP 02). The 'Type Of Report' dropdown is set to 'Mission Fired Report'. The results table shows three reports:</p> <table border="1"> <thead> <tr> <th>Tgt Num</th> <th>Observer</th> <th>Fire Units</th> <th>Materiel Cat...</th> <th>Start Time</th> <th>End Time</th> <th>Elapsed Time</th> <th>ABCA Num</th> <th>Msn Type</th> <th>BE Num</th> <th>Tgt Disposition</th> </tr> </thead> <tbody> <tr> <td>AA0002</td> <td>FSE ...</td> <td>OPS ...</td> <td>Ammunition D...</td> <td>11 1550Z SE...</td> <td>17 1023Z SEP...</td> <td>138:32:43</td> <td></td> <td>Fire For Effect</td> <td></td> <td>Destroyed</td> </tr> <tr> <td>AA0015</td> <td>FSE ...</td> <td>OPS ...</td> <td>Arty,Unknown</td> <td>16 1543Z SE...</td> <td>17 1022Z SEP...</td> <td>018:39:22</td> <td></td> <td>Fire For Effect</td> <td></td> <td>Neutralized</td> </tr> <tr> <td>AA0020</td> <td>FSE ...</td> <td>A 6...</td> <td>Arty,Unknown</td> <td>16 1839Z SE...</td> <td>17 1022Z SEP...</td> <td>015:43:41</td> <td></td> <td>Fire For Effect</td> <td></td> <td>Neutralized B...</td> </tr> </tbody> </table>			Tgt Num	Observer	Fire Units	Materiel Cat...	Start Time	End Time	Elapsed Time	ABCA Num	Msn Type	BE Num	Tgt Disposition	AA0002	FSE ...	OPS ...	Ammunition D...	11 1550Z SE...	17 1023Z SEP...	138:32:43		Fire For Effect		Destroyed	AA0015	FSE ...	OPS ...	Arty,Unknown	16 1543Z SE...	17 1022Z SEP...	018:39:22		Fire For Effect		Neutralized	AA0020	FSE ...	A 6...	Arty,Unknown	16 1839Z SE...	17 1022Z SEP...	015:43:41		Fire For Effect		Neutralized B...
Tgt Num	Observer	Fire Units	Materiel Cat...	Start Time	End Time	Elapsed Time	ABCA Num	Msn Type	BE Num	Tgt Disposition																																				
AA0002	FSE ...	OPS ...	Ammunition D...	11 1550Z SE...	17 1023Z SEP...	138:32:43		Fire For Effect		Destroyed																																				
AA0015	FSE ...	OPS ...	Arty,Unknown	16 1543Z SE...	17 1022Z SEP...	018:39:22		Fire For Effect		Neutralized																																				
AA0020	FSE ...	A 6...	Arty,Unknown	16 1839Z SE...	17 1022Z SEP...	015:43:41		Fire For Effect		Neutralized B...																																				
a)	Enter the desired DTG (Time Since) for the desired search. NOTE: Refer to section 3005 to use the Calendar/Time Tool.																																													
b)	If no other search criterion is desired, click the button to search for the units selected.	If any units exist, the units will display in the below area displaying the applicable information based on the type of report selected, as shown above.																																												
4)	To filter by Fire Units – Click the checkbox next to Filter By Fire Units	The Select Fire Units button becomes active.																																												

Target Reports.		
Step	Action	Result/Explanation
a)	Click the Select Fire Units button.	The Fire Units window opens.

b)	Select the desired unit(s) to search on. NOTE: To multiple select hold the Ctrl key down while using the left mouse button to select the next unit.	The desired unit(s) are highlighted.
c)	If no other search criterion is desired, click the  button to search for the units selected.	If any units exist, the units will display in the below area displaying the applicable information based on the type of report selected, as shown above.

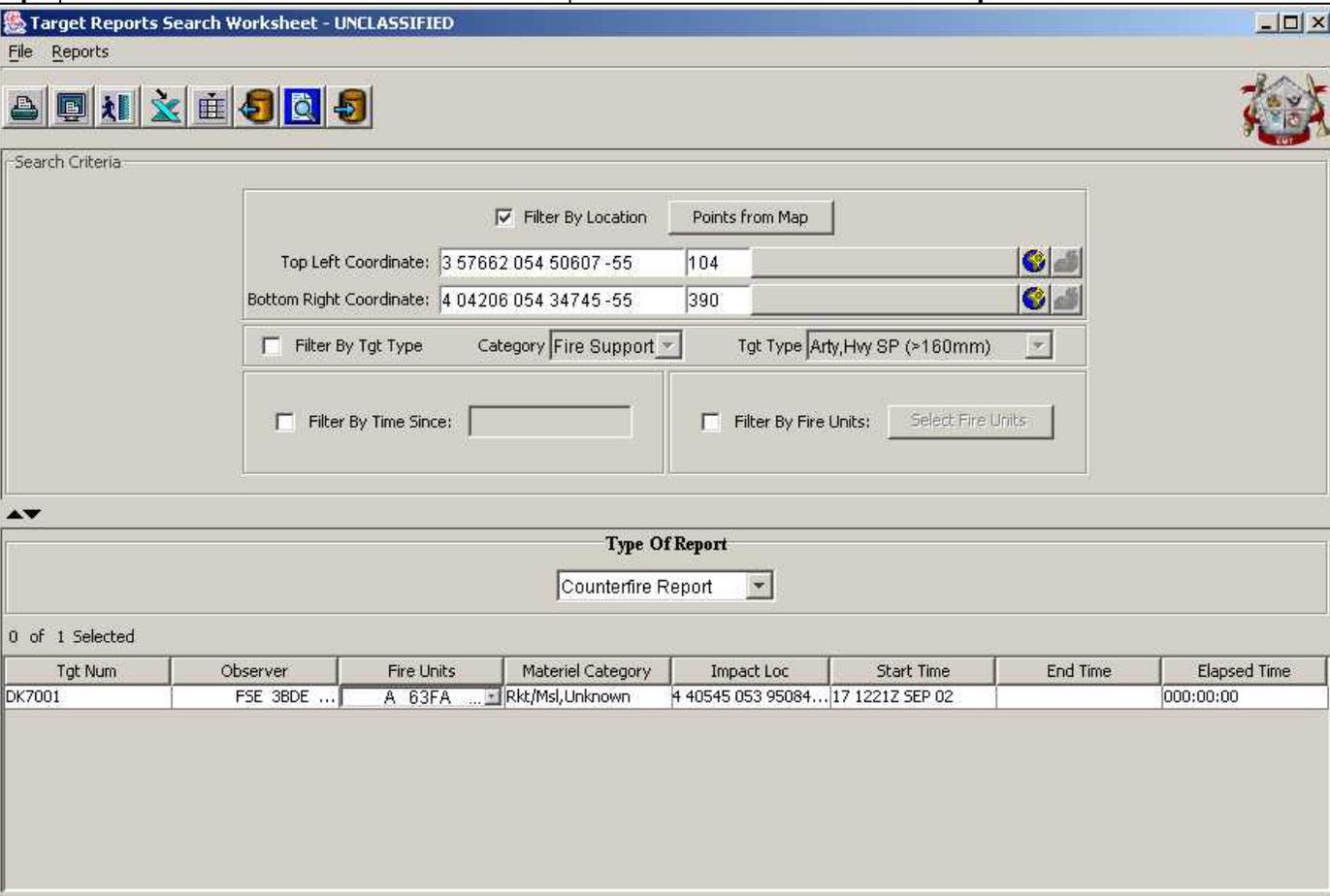
Target Reports.		
Step	Action	Result/Explanation
5)	To filter by Mission Type – Click the checkbox next to Filter By Mission Type	The Filter By Mission Type field becomes active.

The screenshot shows the 'Target Reports Search Worksheet - UNCLASSIFIED' window. The 'Search Criteria' section includes several filter options: 'Filter By Location' (unchecked), 'Filter By Tgt Type' (unchecked), 'Filter By Time Since' (unchecked), and 'Filter By Fire Units' (unchecked). The 'Filter By Mission Type' checkbox is checked, and the dropdown menu is set to 'Fire For Effect'. The 'Type Of Report' dropdown is set to 'Mission Fired Report'. Below the filters, a table displays search results with columns for Tgt Num, Observer, Fire Units, Materiel Cat..., Start Time, End Time, Elapsed Time, ABCA Num, Msn Type, BE Num, and Tgt Disposition.

Tgt Num	Observer	Fire Units	Materiel Cat...	Start Time	End Time	Elapsed Time	ABCA Num	Msn Type	BE Num	Tgt Disposition
AA0001	FSE ...	A 6...	Rkt/Msl,Unkn...	11 1550Z SE...	11 1556Z SEP...	000:05:52		Fire For Effect		
AA0002	FSE ...	OPS ...	Ammunition D...	11 1550Z SE...	17 1023Z SEP...	138:32:43		Fire For Effect		Destroyed
AA0015	FSE ...	OPS ...	Arty,Unknown	16 1543Z SE...	17 1022Z SEP...	018:39:22		Fire For Effect		Neutralized
AA0020	FSE ...	A 6...	Arty,Unknown	16 1839Z SE...	17 1022Z SEP...	015:43:41		Fire For Effect		Neutralized B...
XX1111	FSE ...	OPS ...	ADA,Hvy (>9...	16 1658Z SE...		000:00:00		Fire For Effect		
XX9999	FSE ...	OPS ...	ADA,Hvy (>9...	16 1537Z SE...	16 1538Z SEP...	000:00:51		Fire For Effect		

a)	Click on the Filter By Mission Type menu drop down arrow and select the desired mission type to search on.	The selected mission type fills the Filter By Mission Type field.
b)	If no other search criterion is desired, click the  button to search for the units selected.	If any units exist, the units will display in the below area displaying the applicable information based on the type of report selected, as shown above.
b.	3014.2 Counterfire Report.	NOTE: The search criterion is detailed as shown below.
1)	To filter by location – Click the checkbox next to Filter By Location	The Points from Map button activates and provides the user with the option to 1) Click the Points from Map button or 2) Use the Collect point from Map icon.

Target Reports.		
Step	Action	Result/Explanation
a)	To get map coordinates click the Points from Map button.	The Target Reports Search Worksheet window goes to the back and the Effects Management Tool window comes to the front.
b)	Click on the map at the desired two locations for Top Left and Bottom Right .	The coordinates auto-fill in the two fields provided.
<i>Or...</i>		
c)	Select a grid from the map by clicking the icon.	The map displays. Click a location on the map causes the Target Reports Search Worksheet window to re-display with the selected location. NOTE: Must also include the altitude of the target as part of the location data.
d)	If no other search criterion is desired, click the button to search for the units selected.	If any units exist, the units will display in the below area displaying the applicable information based on the type of report selected.

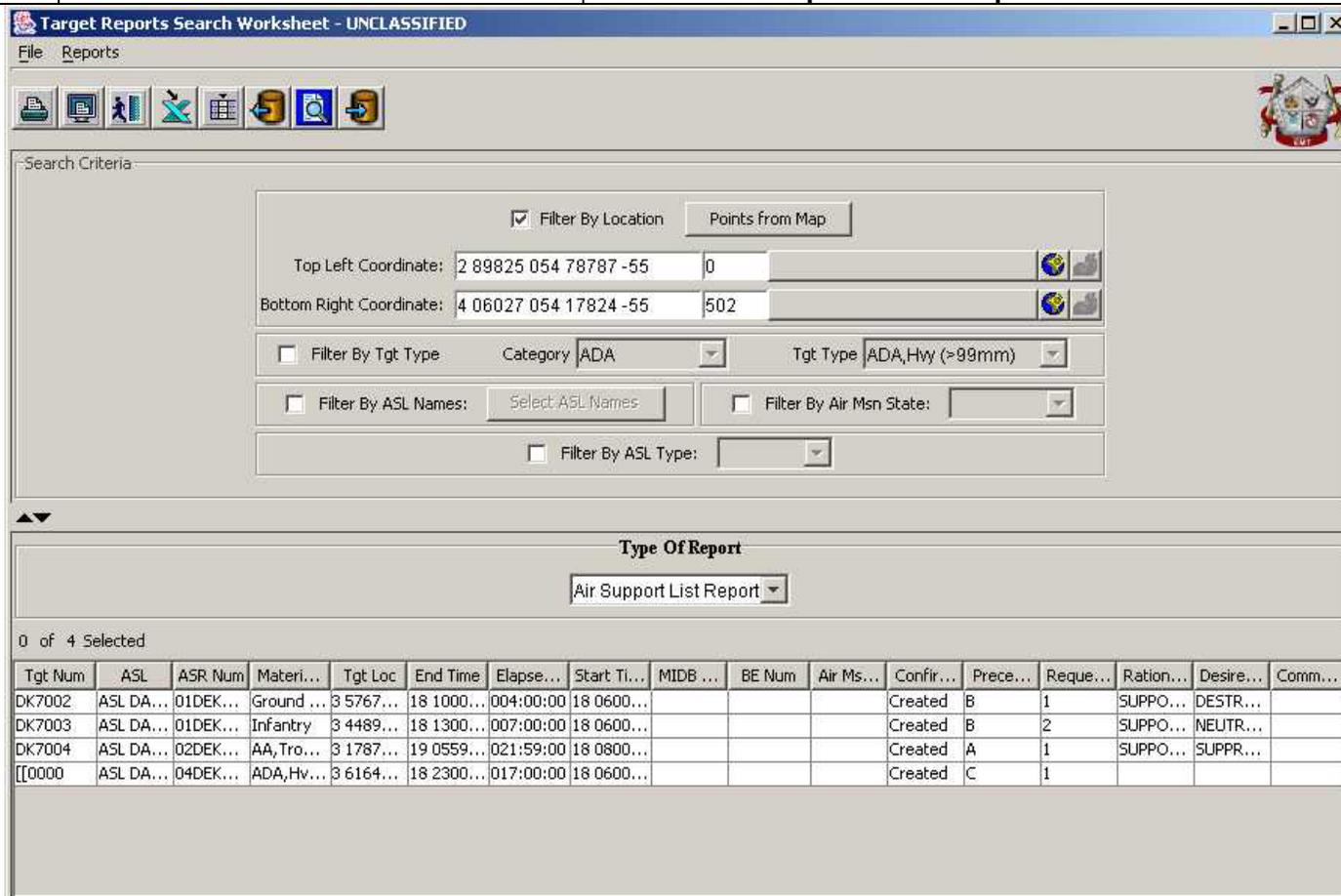
Target Reports.		
Step	Action	Result/Explanation
		
2)	To filter by Target Type – Click the checkbox next to Filter By Tgt Type	The Category and Tgt Type fields become active to select the desired Category and Tgt Type to search on.

Target Reports.		
Step	Action	Result/Explanation
a)	Click on the Category menu drop down arrow. Select the desired target category for search.	The Category selected fills the Category field.
b)	Click on the Tgt Type menu drop down arrow. Select the desired target type for search.	The Tgt Type selected fills the Tgt Type field.
c)	If no other search criterion is desired, click the  button to search for the units selected.	If any units exist, the units will display in the below area displaying the applicable information based on the type of report selected, as shown above.
3)	To filter by Time Since – Click the checkbox next to Filter By Time Since	The Time Since field becomes active.

Target Reports.		
Step	Action	Result/Explanation
a)	Enter the desired DTG (Time Since) for the desired search. NOTE: Refer to section 3005 to use the Calendar/Time Tool.	
b)	If no other search criterion is desired, click the  button to search for the units selected.	If any units exist, the units will display in the below area displaying the applicable information based on the type of report selected, as shown above.
4)	To filter by Fire Units – Click the checkbox next to Filter By Fire Units	The Select Fire Units button becomes active.

Target Reports.		
Step	Action	Result/Explanation
a)	Click the Select Fire Units button.	The Fire Units window opens.
b)	Select the desired unit(s) to search on. NOTE: To multiple select hold the Ctrl key down while using the left mouse button to select the next unit.	The desired unit(s) are highlighted.
c)	If no other search criterion is desired, click the  button to search for the units selected.	If any units exist, the units will display in the below area displaying the applicable information based on the type of report selected, as shown above.

Target Reports.		
Step	Action	Result/Explanation
c.	3014.3 Air Support List Report.	NOTE: The search criterion is detailed as shown below.
1)	To filter by location – Click the checkbox next to Filter By Location	The Points from Map button activates and provides the user with the option to 1) Click the Points from Map button or 2) Use the Collect point from Map icon.



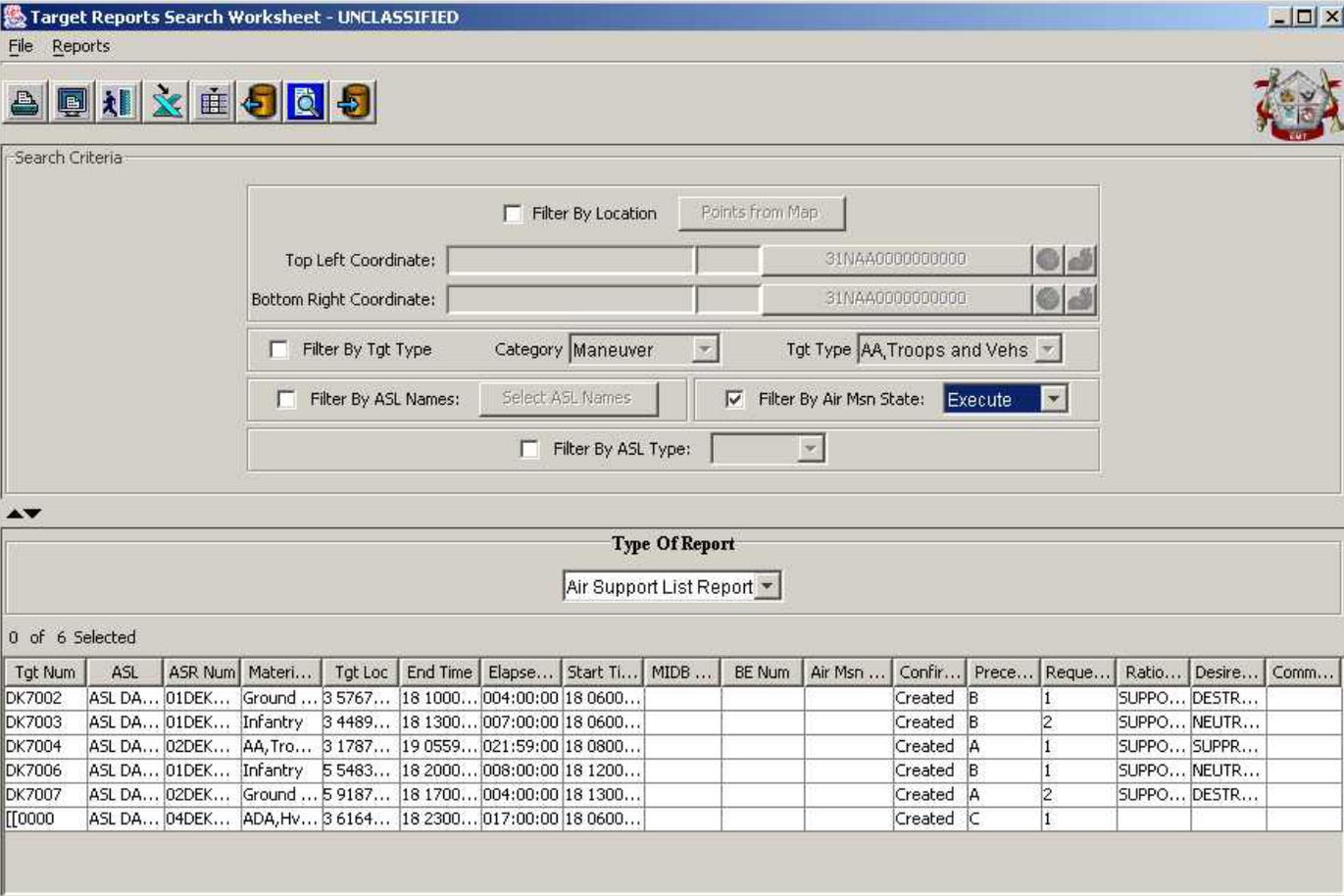
a)	To get map coordinates click the Points from Map button.	The Target Reports Search Worksheet window goes to the back and the Effects Management Tool window comes to the front.
b)	Click on the map at the desired two locations for Top Left and Bottom Right .	The coordinates auto-fill in the two fields provided.
Or...		
c)	Select a grid from the map by clicking the  icon.	The map displays. Click a location on the map causes the Target Reports Search Worksheet window to re-display with the selected location. NOTE: Must also include the altitude of the target as part of the location data.
d)	If no other search criterion is desired, click the  button to search for the units selected.	If any units exist, the units will display in the below area displaying the applicable information based on the type of report selected.

Target Reports.																																																																																							
Step	Action	Result/Explanation																																																																																					
	<p>The screenshot shows the 'Target Reports Search Worksheet' interface. The 'Search Criteria' section includes a checked 'Filter By Location' checkbox, a 'Points from Map' button, and coordinate input fields for 'Top Left Coordinate' (2 89825 054 78787 -55) and 'Bottom Right Coordinate' (4 06027 054 17824 -55). Below this, the 'Filter By Tgt Type' checkbox is unchecked, with 'Category' set to 'ADA' and 'Tgt Type' set to 'ADA,Hvy (>99mm)'. Other filters for 'ASL Names' and 'ASL Type' are also present but unchecked. The 'Type Of Report' dropdown is set to 'Air Support List Report'. A table below shows 4 selected reports with columns: Tgt Num, ASL, ASR Num, Materi..., Tgt Loc, End Time, Elapse..., Start Ti..., MIDB..., BE Num, Air Ms..., Confir..., Prece..., Reque..., Ration..., Desire..., Comm...</p> <table border="1"> <thead> <tr> <th>Tgt Num</th> <th>ASL</th> <th>ASR Num</th> <th>Materi...</th> <th>Tgt Loc</th> <th>End Time</th> <th>Elapse...</th> <th>Start Ti...</th> <th>MIDB ...</th> <th>BE Num</th> <th>Air Ms...</th> <th>Confir...</th> <th>Prece...</th> <th>Reque...</th> <th>Ration...</th> <th>Desire...</th> <th>Comm...</th> </tr> </thead> <tbody> <tr> <td>DK7002</td> <td>ASL DA...</td> <td>01DEK...</td> <td>Ground ...</td> <td>3 5767...</td> <td>18 1000...</td> <td>004:00:00</td> <td>18 0600...</td> <td></td> <td></td> <td></td> <td>Created</td> <td>B</td> <td>1</td> <td>SUPPO...</td> <td>DESTR...</td> <td></td> </tr> <tr> <td>DK7003</td> <td>ASL DA...</td> <td>01DEK...</td> <td>Infantry</td> <td>3 4489...</td> <td>18 1300...</td> <td>007:00:00</td> <td>18 0600...</td> <td></td> <td></td> <td></td> <td>Created</td> <td>B</td> <td>2</td> <td>SUPPO...</td> <td>NEUTR...</td> <td></td> </tr> <tr> <td>DK7004</td> <td>ASL DA...</td> <td>02DEK...</td> <td>AA, Tro...</td> <td>3 1787...</td> <td>19 0559...</td> <td>021:59:00</td> <td>18 0800...</td> <td></td> <td></td> <td></td> <td>Created</td> <td>A</td> <td>1</td> <td>SUPPO...</td> <td>SUPPR...</td> <td></td> </tr> <tr> <td>[[0000</td> <td>ASL DA...</td> <td>04DEK...</td> <td>ADA,Hv...</td> <td>3 6164...</td> <td>18 2300...</td> <td>017:00:00</td> <td>18 0600...</td> <td></td> <td></td> <td></td> <td>Created</td> <td>C</td> <td>1</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	Tgt Num	ASL	ASR Num	Materi...	Tgt Loc	End Time	Elapse...	Start Ti...	MIDB ...	BE Num	Air Ms...	Confir...	Prece...	Reque...	Ration...	Desire...	Comm...	DK7002	ASL DA...	01DEK...	Ground ...	3 5767...	18 1000...	004:00:00	18 0600...				Created	B	1	SUPPO...	DESTR...		DK7003	ASL DA...	01DEK...	Infantry	3 4489...	18 1300...	007:00:00	18 0600...				Created	B	2	SUPPO...	NEUTR...		DK7004	ASL DA...	02DEK...	AA, Tro...	3 1787...	19 0559...	021:59:00	18 0800...				Created	A	1	SUPPO...	SUPPR...		[[0000	ASL DA...	04DEK...	ADA,Hv...	3 6164...	18 2300...	017:00:00	18 0600...				Created	C	1				
Tgt Num	ASL	ASR Num	Materi...	Tgt Loc	End Time	Elapse...	Start Ti...	MIDB ...	BE Num	Air Ms...	Confir...	Prece...	Reque...	Ration...	Desire...	Comm...																																																																							
DK7002	ASL DA...	01DEK...	Ground ...	3 5767...	18 1000...	004:00:00	18 0600...				Created	B	1	SUPPO...	DESTR...																																																																								
DK7003	ASL DA...	01DEK...	Infantry	3 4489...	18 1300...	007:00:00	18 0600...				Created	B	2	SUPPO...	NEUTR...																																																																								
DK7004	ASL DA...	02DEK...	AA, Tro...	3 1787...	19 0559...	021:59:00	18 0800...				Created	A	1	SUPPO...	SUPPR...																																																																								
[[0000	ASL DA...	04DEK...	ADA,Hv...	3 6164...	18 2300...	017:00:00	18 0600...				Created	C	1																																																																										
2)	To filter by Target Type – Click the checkbox next to Filter By Tgt Type	The Category and Tgt Type fields become active to select the desired Category and Tgt Type to search on.																																																																																					

Target Reports.		
Step	Action	Result/Explanation
a)	Click on the Category menu drop down arrow. Select the desired target category for search.	The Category selected fills the Category field.
b)	Click on the Tgt Type menu drop down arrow. Select the desired target type for search.	The Tgt Type selected fills the Tgt Type field.
c)	If no other search criterion is desired, click the  button to search for the units selected.	If any units exist, the units will display in the below area displaying the applicable information based on the type of report selected, as shown above.
3)	To filter by ASL Name – Click the checkbox next to Filter By ASL Names	The Select ASL Names button becomes active.

Target Reports.		
Step	Action	Result/Explanation
a)	Click the Select ASL Names button and select the desired ASL name to search.	The ASL Names window opens.
b)	Select the desired ASL name to search, then click the OK button.	The ASL selected is highlighted and the ASL Names window closes.

Target Reports.		
Step	Action	Result/Explanation
c)	If no other search criterion is desired, click the  button to search for the units selected.	If any units exist, the units will display in the below area displaying the applicable information based on the type of report selected, as shown above.
4)	To filter by Air Mission State – Click the checkbox next to Filter By Air Msn State	The Filter By Air Msn State field becomes active.



Target Reports Search Worksheet - UNCLASSIFIED

File Reports

Search Criteria

Filter By Location Points from Map

Top Left Coordinate:

Bottom Right Coordinate:

Filter By Tgt Type Category: Maneuver Tgt Type: AA,Troops and Vehs

Filter By ASL Names: Select ASL Names Filter By Air Msn State: Execute

Filter By ASL Type:

Type Of Report

Air Support List Report

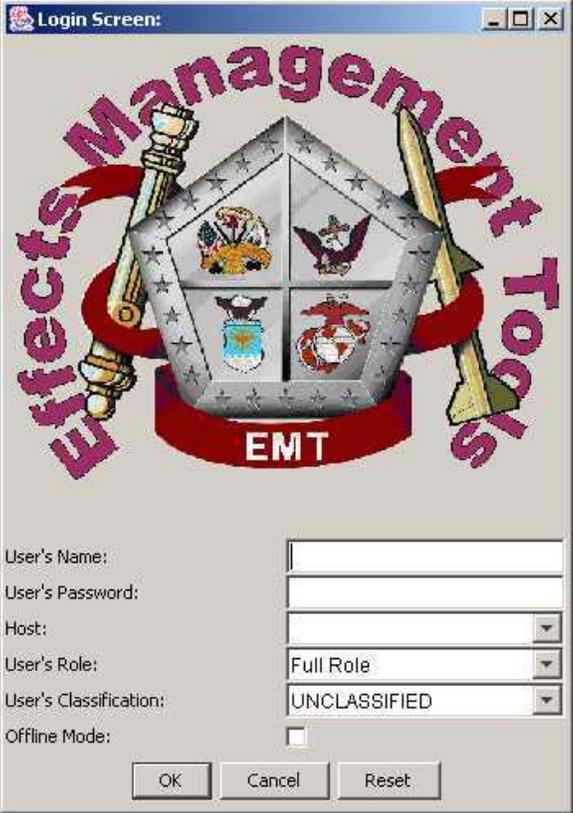
0 of 6 Selected

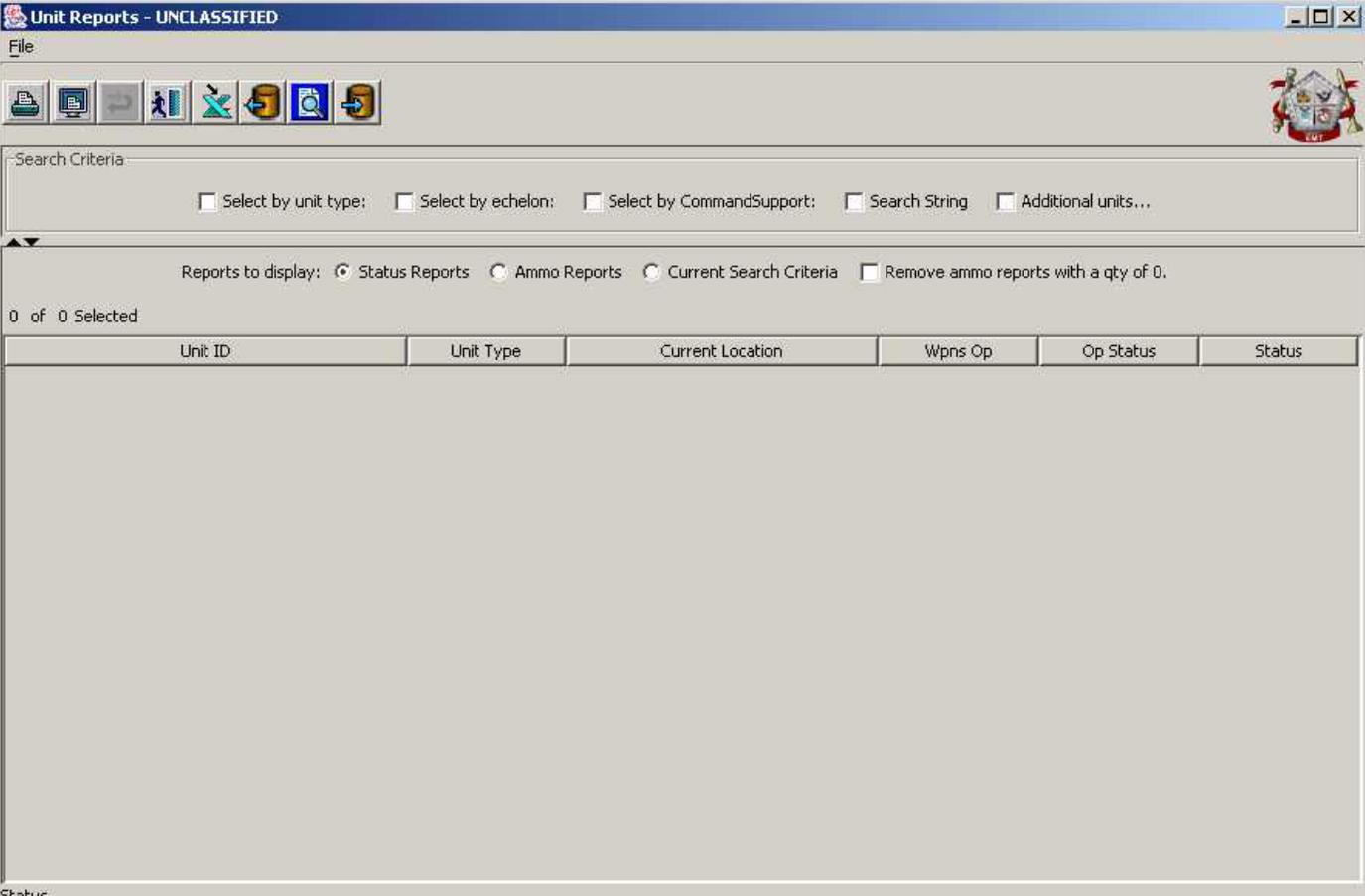
Tgt Num	ASL	ASR Num	Materi...	Tgt Loc	End Time	Elapse...	Start Ti...	MIDB ...	BE Num	Air Msn ...	Confir...	Prece...	Reque...	Ratio...	Desire...	Comm...
DK7002	ASL DA...	01DEK...	Ground ...	3 5767...	18 1000...	004:00:00	18 0600...				Created	B	1	SUPPO...	DESTR...	
DK7003	ASL DA...	01DEK...	Infantry	3 4489...	18 1300...	007:00:00	18 0600...				Created	B	2	SUPPO...	NEUTR...	
DK7004	ASL DA...	02DEK...	AA,Tro...	3 1787...	19 0559...	021:59:00	18 0800...				Created	A	1	SUPPO...	SUPPR...	
DK7006	ASL DA...	01DEK...	Infantry	5 5483...	18 2000...	008:00:00	18 1200...				Created	B	1	SUPPO...	NEUTR...	
DK7007	ASL DA...	02DEK...	Ground ...	5 9187...	18 1700...	004:00:00	18 1300...				Created	A	2	SUPPO...	DESTR...	
[[0000	ASL DA...	04DEK...	ADA,Hv...	3 6164...	18 2300...	017:00:00	18 0600...				Created	C	1			

a)	Click on the Filter By Air Msn State menu drop down arrow and select the desired Air Mission State to search on. NOTE: Available options are: Execute, Divert, Launched, and Completed.	The selected mission type fills the Filter By Air Mission State field.
b)	If no other search criterion is desired, click the  button to search for the units selected.	If any units exist, the units will display in the below area displaying the applicable information based on the type of report selected, as shown above.
5)	To filter by ASL Type – Click the checkbox next to Filter By ASL Type	The Filter By ASL Type field becomes active.

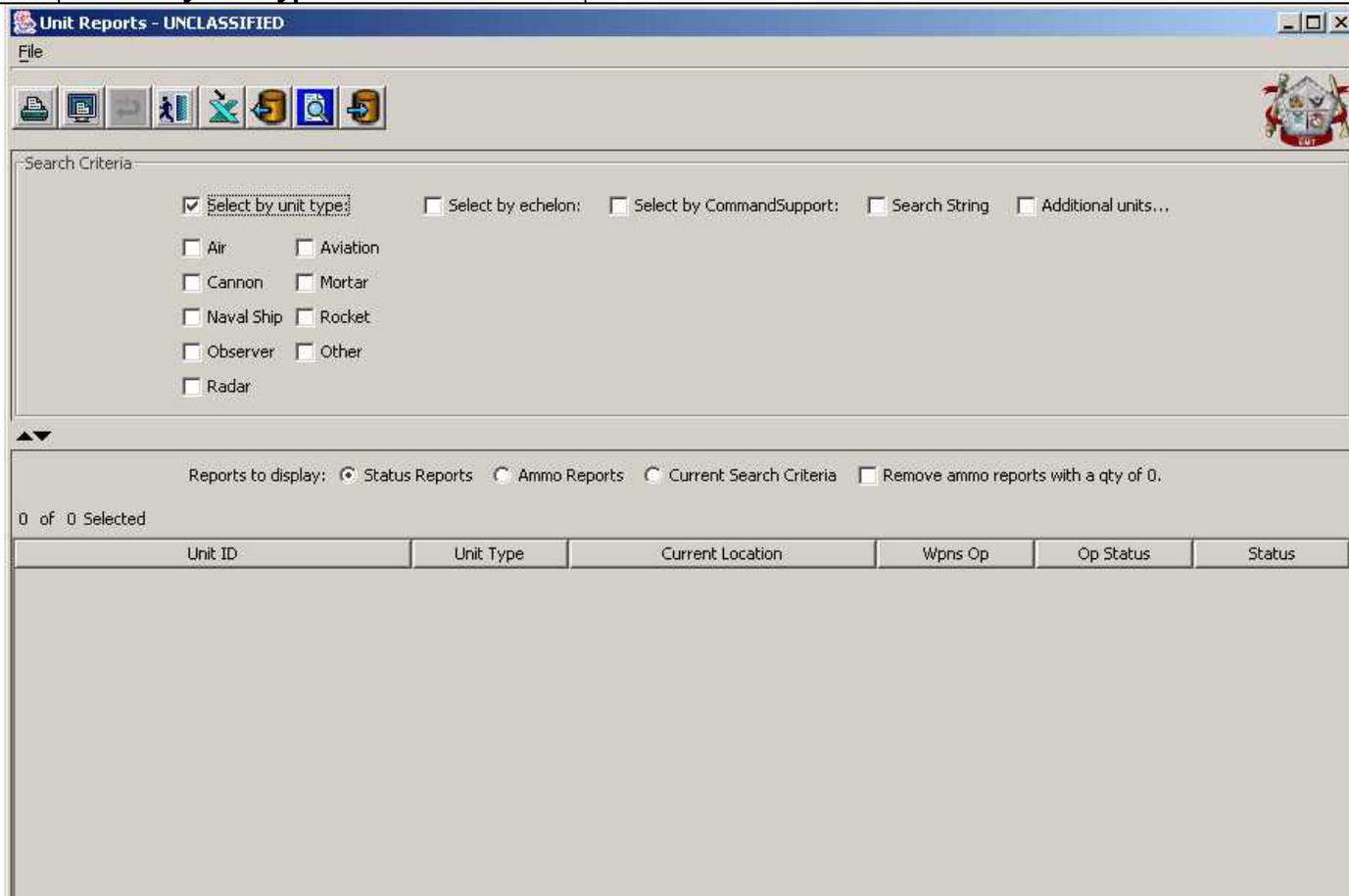
Target Reports.		
Step	Action	Result/Explanation
a)	Click on the Filter By ASL Type menu drop down arrow and select the desired ASL type to search on. NOTE: The two options are Fires and Non-Fires .	The selected ASL type fills the Filter By ASL Type field.
b)	If no other search criterion is desired, click the  button to search for the units selected.	If any units exist, the units will display in the below area displaying the applicable information based on the type of report selected, as shown above.
9.	Buttons on the Unit Reports window:	
a.	 Used to export the search criteria report to an Excel spreadsheet.	
b.	 Used to add or delete columns in the search results.	
c.	 Used to "Get" search criteria that has been saved.	
d.	 Used to "Save" search criteria that has been selected for specific reports desired.	

3015. Unit Reports

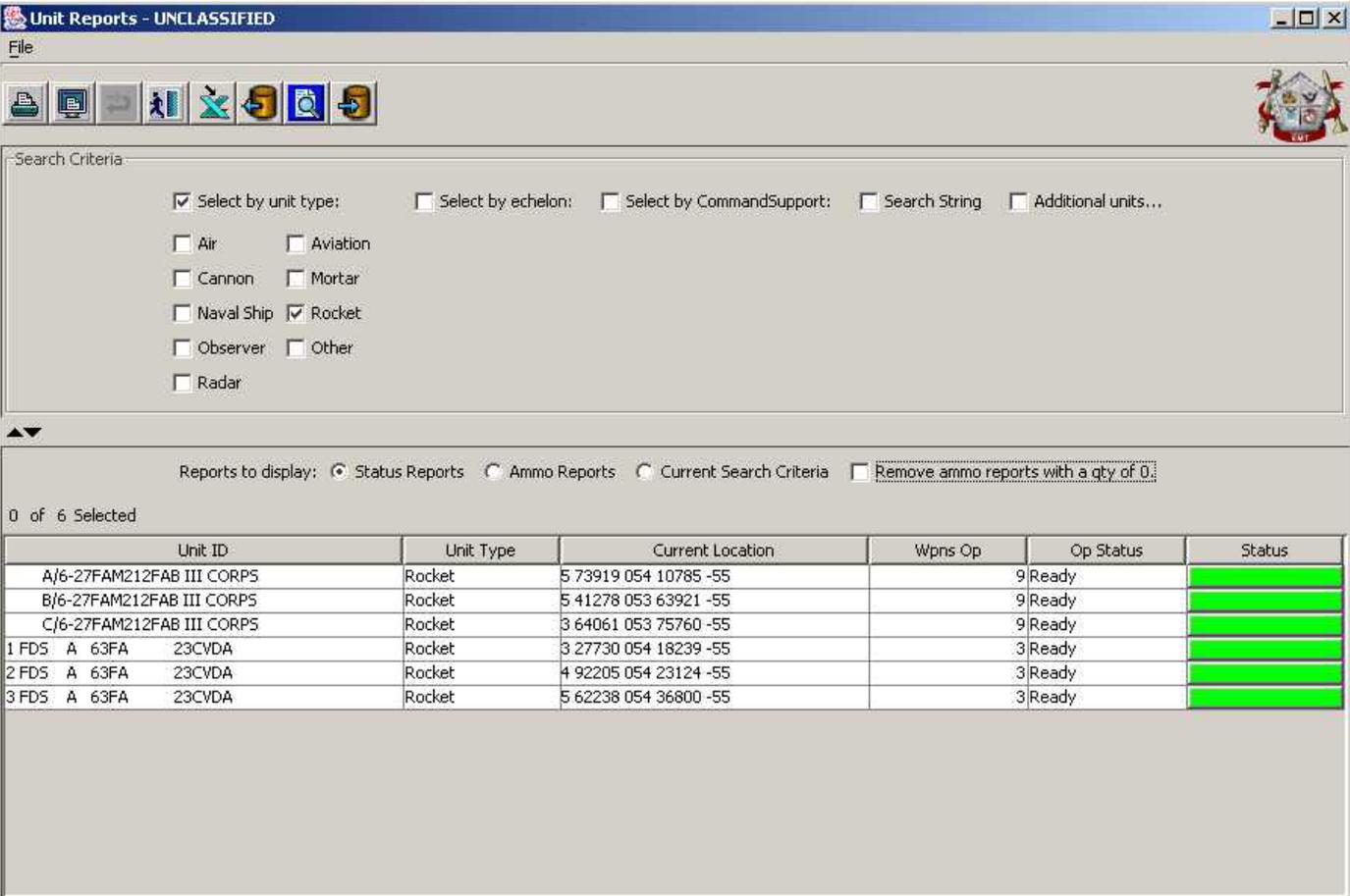
		Unit Reports
Step	Action	Result/Explanation
Function: This window allows the user to search on various unit criteria.		
1.	Start the EMT client on C2PC.	
a.	From the C2PC Workstation select Tools EMT . NOTE: If EMT is not displayed in the list under the Tools option, select the Injector Manager option and ensure that the EMT checkbox is checked.	The Effects Management Tools (EMT) software starts and the Login Screen window opens. NOTE: The Login Screen window takes approximately one minute to display.
		
2.	Define the AFATDS server	
a.	In the Host field, type the hostname of the AFATDS server.	The hostname is the name assigned to the AFATDS workstation when software is initially loaded. The server name appears before the prompt in a Unix xterm window and is also known as the COE name. To verify correct entries ping the AFATDS Server by IP and hostname after changing host file.
b.	Select the User's Role .	Settings for the User's Role can be set in the Preference table [Fire Support Utilities Preferences] to enable or disable specific features/functionality's for each designated user's role.
3.	Login	
4.	Click the User's Name field and type the username.	
5.	Click the User's Password field and type the password.	

		Unit Reports
Step	Action	Result/Explanation
6.	Click the OK button.	A screen of changing pictures displays as data loads from the server to the client. A message is displayed at the bottom left hand corner of the window stating, “ Login in Progress, Please Wait! ” This message should change to Login Successful! after approximately one minute, and the screen will disappear.
		
7.	From the Main Menu Bar select Fire Support Reports Unit Reports	The Unit Reports window displays.
		

Unit Reports		
Step	Action	Result/Explanation
8.	Choose from the options available for “search criteria” desired. NOTE: The search criterion is detailed as shown below.	The Unit Reports window will populate with the units that match the search criteria. NOTE: These search criterions can be used in any variation desired by the operator. Remember: The more criterions used the more specific the search becomes.
a.	Unit Type – Click the checkbox next to Select by unit type.	A list of available unit types is presented to the operator.



1)	Select the unit type(s) to search on. Click the  button to search for the unit types entered.	If any units exist, the units will display in the below area displaying the applicable information based on the type of report selected, as indicated in the below picture. NOTE: Reports available are: 1) Status Reports , 2) Ammo Reports , 3) If only units with ammo is desired to be displayed, select the checkbox next to Remove ammo reports with a qty of 0 . This action removes all units with an ammo count of zero. If the operator desires to view the search criteria selected, the Current Search Criteria radio button can be selected and the operator will be presented with the search criteria that is currently selected.
----	---	---

Unit Reports																																												
Step	Action	Result/Explanation																																										
	 <p>Unit Reports - UNCLASSIFIED</p> <p>File</p> <p>Search Criteria:</p> <p><input checked="" type="checkbox"/> Select by unit type: <input type="checkbox"/> Select by echelon: <input type="checkbox"/> Select by CommandSupport: <input type="checkbox"/> Search String <input type="checkbox"/> Additional units...</p> <p><input type="checkbox"/> Air <input type="checkbox"/> Aviation</p> <p><input type="checkbox"/> Cannon <input type="checkbox"/> Mortar</p> <p><input type="checkbox"/> Naval Ship <input checked="" type="checkbox"/> Rocket</p> <p><input type="checkbox"/> Observer <input type="checkbox"/> Other</p> <p><input type="checkbox"/> Radar</p> <p>Reports to display: <input checked="" type="radio"/> Status Reports <input type="radio"/> Ammo Reports <input type="radio"/> Current Search Criteria <input type="checkbox"/> Remove ammo reports with a qty of 0.</p> <p>0 of 6 Selected</p> <table border="1"> <thead> <tr> <th>Unit ID</th> <th>Unit Type</th> <th>Current Location</th> <th>Wpns Op</th> <th>Op Status</th> <th>Status</th> </tr> </thead> <tbody> <tr> <td>A/6-27FAM212FAB III CORPS</td> <td>Rocket</td> <td>5 73919 054 10785 -55</td> <td></td> <td>9 Ready</td> <td></td> </tr> <tr> <td>B/6-27FAM212FAB III CORPS</td> <td>Rocket</td> <td>5 41278 053 63921 -55</td> <td></td> <td>9 Ready</td> <td></td> </tr> <tr> <td>C/6-27FAM212FAB III CORPS</td> <td>Rocket</td> <td>3 64061 053 75760 -55</td> <td></td> <td>9 Ready</td> <td></td> </tr> <tr> <td>1 FDS A 63FA 23CVDA</td> <td>Rocket</td> <td>3 27730 054 18239 -55</td> <td></td> <td>3 Ready</td> <td></td> </tr> <tr> <td>2 FDS A 63FA 23CVDA</td> <td>Rocket</td> <td>4 92205 054 23124 -55</td> <td></td> <td>3 Ready</td> <td></td> </tr> <tr> <td>3 FDS A 63FA 23CVDA</td> <td>Rocket</td> <td>5 62238 054 36800 -55</td> <td></td> <td>3 Ready</td> <td></td> </tr> </tbody> </table>	Unit ID	Unit Type	Current Location	Wpns Op	Op Status	Status	A/6-27FAM212FAB III CORPS	Rocket	5 73919 054 10785 -55		9 Ready		B/6-27FAM212FAB III CORPS	Rocket	5 41278 053 63921 -55		9 Ready		C/6-27FAM212FAB III CORPS	Rocket	3 64061 053 75760 -55		9 Ready		1 FDS A 63FA 23CVDA	Rocket	3 27730 054 18239 -55		3 Ready		2 FDS A 63FA 23CVDA	Rocket	4 92205 054 23124 -55		3 Ready		3 FDS A 63FA 23CVDA	Rocket	5 62238 054 36800 -55		3 Ready		
Unit ID	Unit Type	Current Location	Wpns Op	Op Status	Status																																							
A/6-27FAM212FAB III CORPS	Rocket	5 73919 054 10785 -55		9 Ready																																								
B/6-27FAM212FAB III CORPS	Rocket	5 41278 053 63921 -55		9 Ready																																								
C/6-27FAM212FAB III CORPS	Rocket	3 64061 053 75760 -55		9 Ready																																								
1 FDS A 63FA 23CVDA	Rocket	3 27730 054 18239 -55		3 Ready																																								
2 FDS A 63FA 23CVDA	Rocket	4 92205 054 23124 -55		3 Ready																																								
3 FDS A 63FA 23CVDA	Rocket	5 62238 054 36800 -55		3 Ready																																								
b.	<p>Echelon – Click the checkbox next to Select by echelon.</p>	<p>An option button entitled Select Echelons appears under the Select by echelon label.</p>																																										

Unit Reports																				
Step	Action	Result/Explanation																		
<p>Unit Reports - UNCLASSIFIED</p> <p>File</p> <p>Search Criteria:</p> <p><input type="checkbox"/> Select by unit type: <input checked="" type="checkbox"/> Select by echelon: <input type="checkbox"/> Select by CommandSupport: <input type="checkbox"/> Search String <input type="checkbox"/> Additional units...</p> <p>Select Echelons</p> <p>Reports to display: <input checked="" type="radio"/> Status Reports <input type="radio"/> Ammo Reports <input type="radio"/> Current Search Criteria <input type="checkbox"/> Remove ammo reports with a qty of 0.</p> <p>1 of 2 Selected</p> <table border="1"> <thead> <tr> <th>Unit ID</th> <th>Unit Type</th> <th>Current Location</th> <th>Wpns Op</th> <th>Op Status</th> <th>Status</th> </tr> </thead> <tbody> <tr> <td>1 BCS A 1-37FA 23CVDA</td> <td>Other</td> <td>6 27468 034 41006 14</td> <td></td> <td>0 Ready</td> <td></td> </tr> <tr> <td>1 BCS B 1-37FA 23CVDA</td> <td>Other</td> <td>6 21368 034 39506 14</td> <td></td> <td>0 Ready</td> <td></td> </tr> </tbody> </table>			Unit ID	Unit Type	Current Location	Wpns Op	Op Status	Status	1 BCS A 1-37FA 23CVDA	Other	6 27468 034 41006 14		0 Ready		1 BCS B 1-37FA 23CVDA	Other	6 21368 034 39506 14		0 Ready	
Unit ID	Unit Type	Current Location	Wpns Op	Op Status	Status															
1 BCS A 1-37FA 23CVDA	Other	6 27468 034 41006 14		0 Ready																
1 BCS B 1-37FA 23CVDA	Other	6 21368 034 39506 14		0 Ready																

1) Click the **Select Echelons** button. The **Select Echelons** window opens.

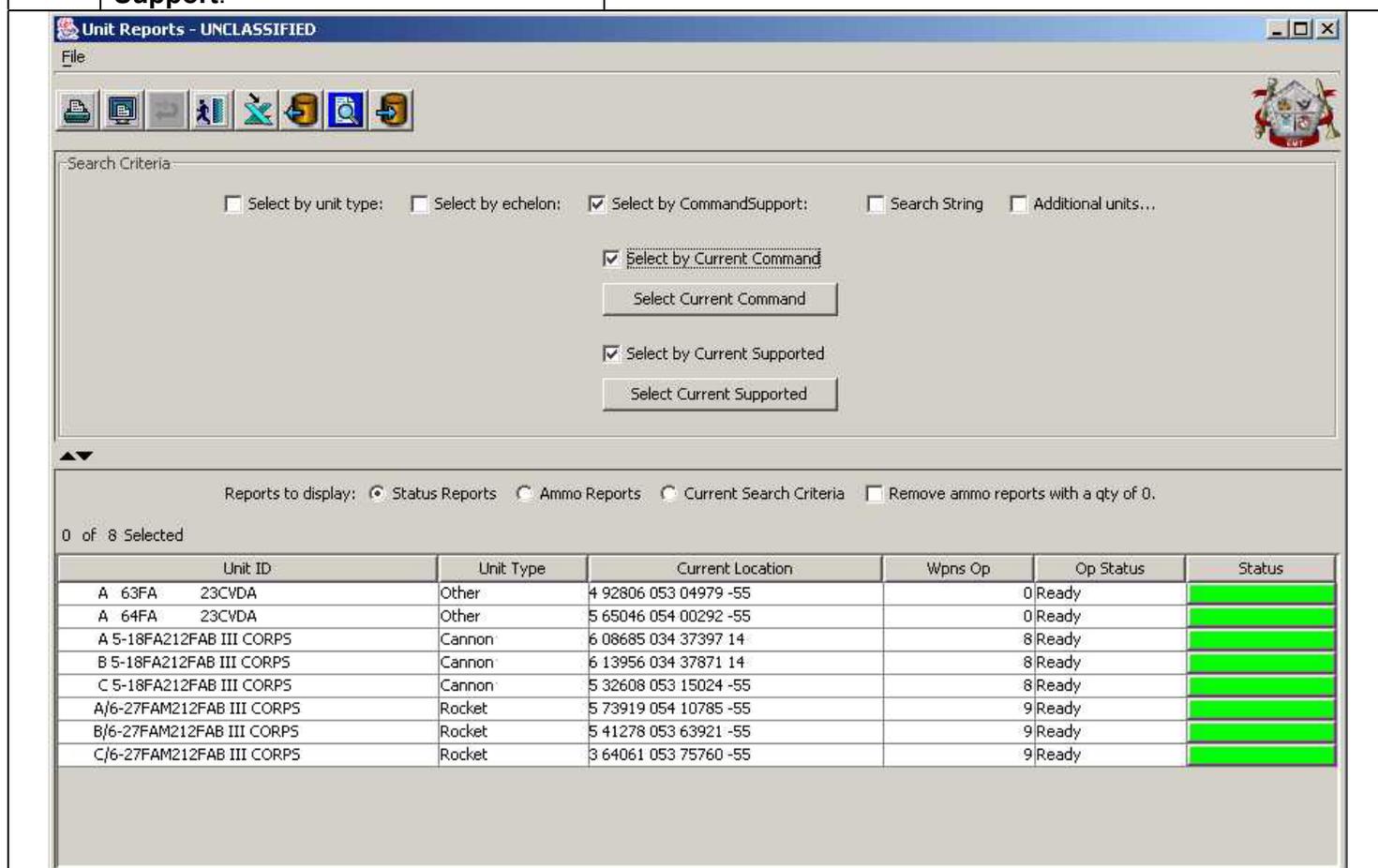
Select Echelons

Select Echelons

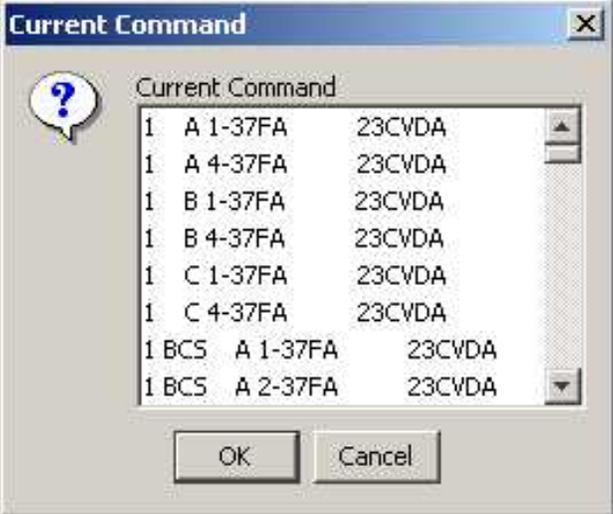
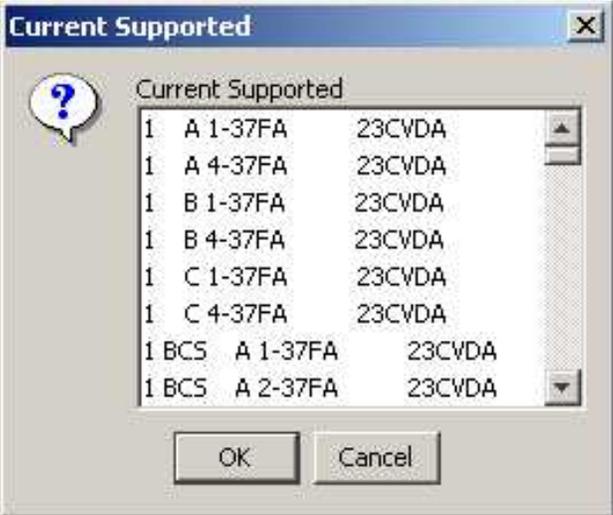
- Army
- Army Group
- Battalion
- Battery
- Brigade
- Company
- Corps
- Detachment

OK Cancel

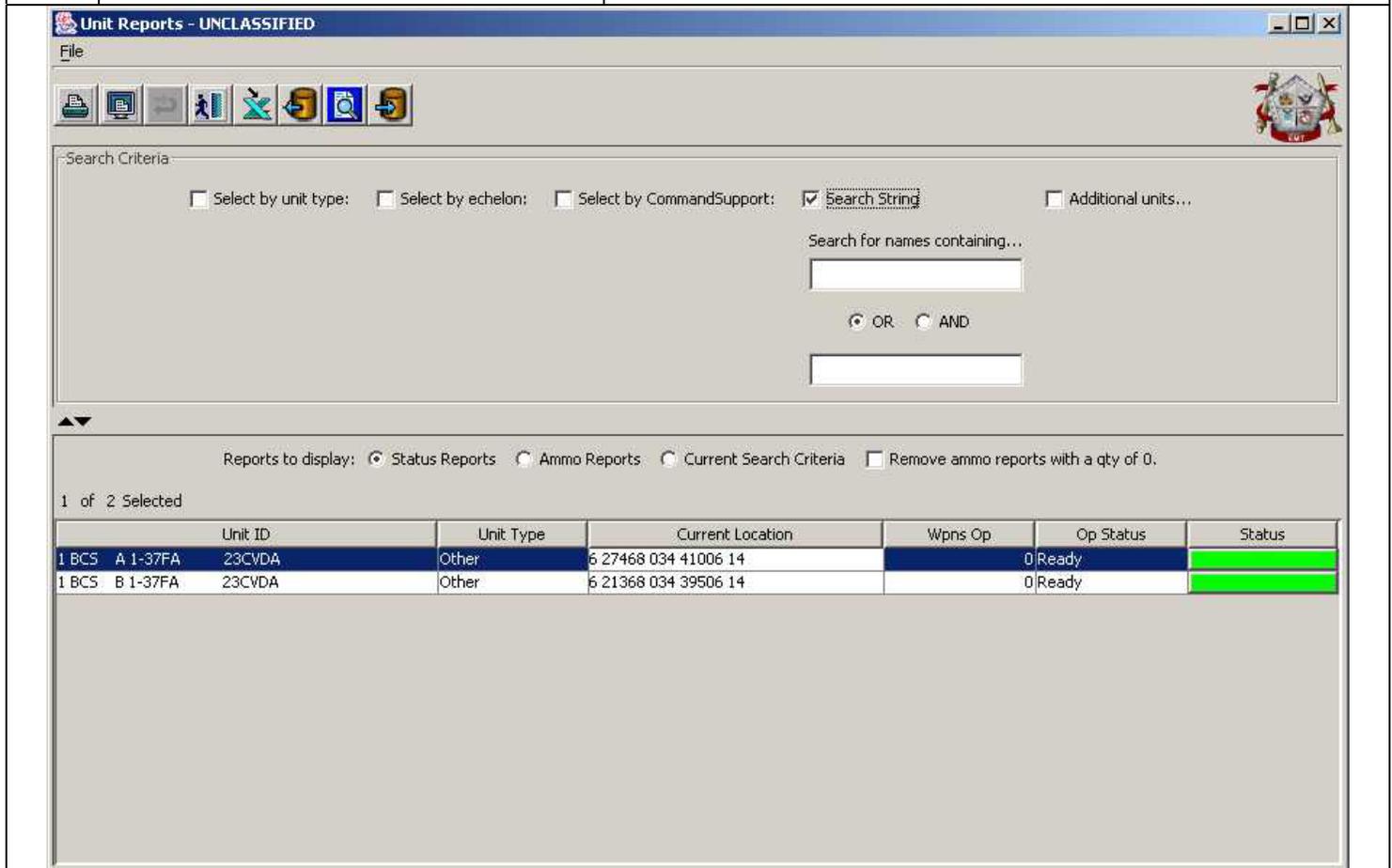
Unit Reports		
Step	Action	Result/Explanation
2)	Click on the desired echelon(s) desired for the search. NOTE: To multiple select echelons, hold the Ctrl key down on the keyboard and select the next echelon desired. When all desired echelons are selected, click the OK button.	The Select Echelons window closes and a search can now be started using the echelon(s) selected.
3)	Click the  button to search for the echelon(s) entered.	If any units exist, the units will display in the below area displaying the applicable information based on the type of report selected, as demonstrated above.
c.	Command Support – Click the checkbox next to Select by Command Support .	The operator is presented with two options.



1)	Select by Current Command – This allows the operator to choose the current command(s) to search on.	An option button entitled Select Current Command appears under the Select by Current Command label.
a)	Click the Select Current Command button.	The Current Command window opens and provides the operator with the option to select available units.

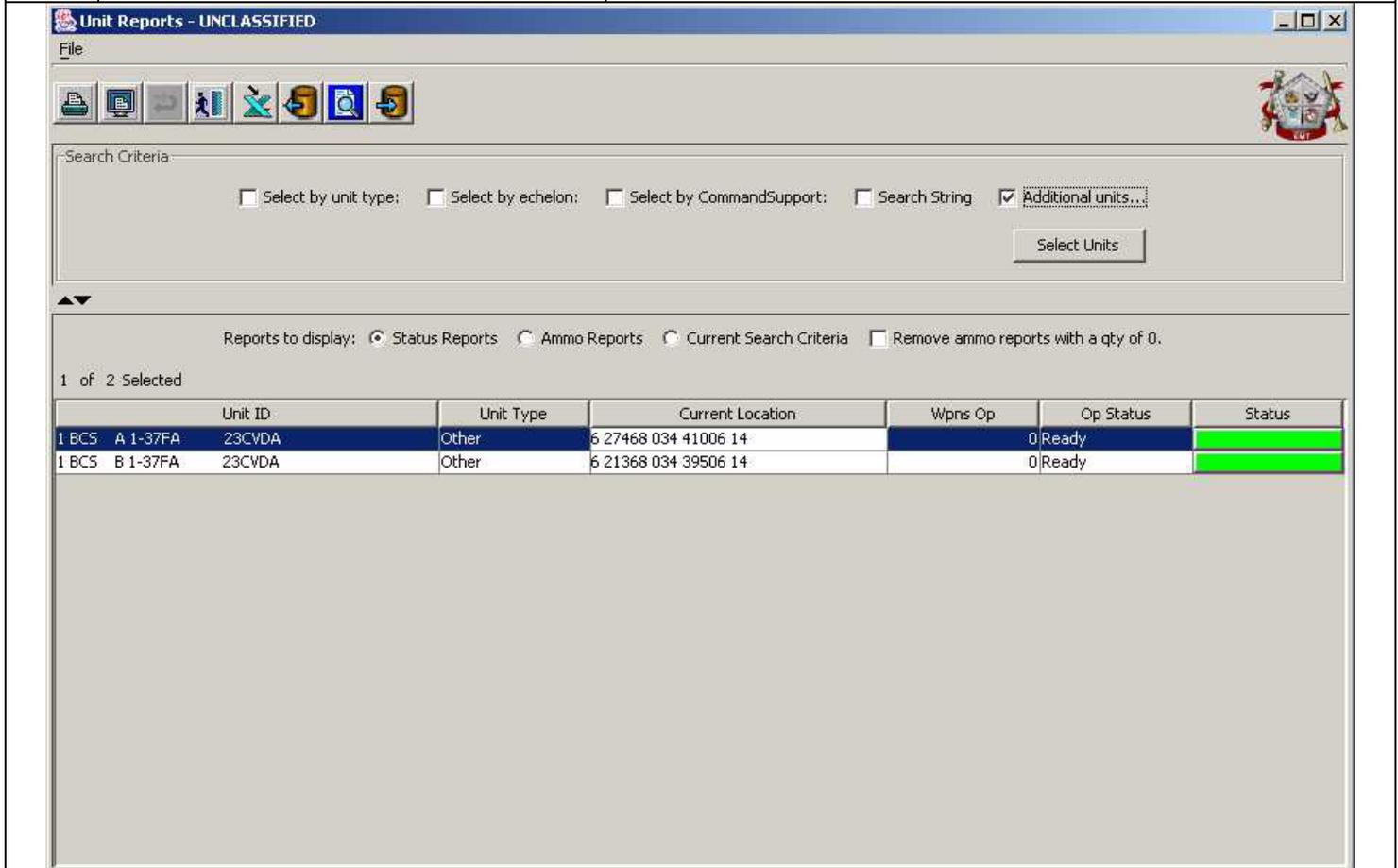
Unit Reports		
Step	Action	Result/Explanation
		
b)	Click on the desired command(s) desired for the search. NOTE: To multiple select commands, hold the Ctrl key down on the keyboard and select the next echelon desired. When all desired commands are selected, click the OK button.	The Current Command window closes and a search can now be started using the command(s) selected.
c)	Click the  button to search for the command(s) entered.	If any units exist, the units will display in the below area displaying the applicable information based on the type of report selected, as demonstrated above.
<i>Or...</i>		
2)	Select by Current Supported – This allows the operator to choose the current supported to search on.	An option button entitled Select Current Supported appears under the Select by Current Supported label.
a)	Click the Select Current Supported button.	The Current Supported window opens and provides the operator with the option to select available units.
		

Unit Reports		
Step	Action	Result/Explanation
b)	Click on the desired command(s) desired for the search. NOTE: To multiple select commands, hold the Ctrl key down on the keyboard and select the next command desired. When all desired commands are selected, click the OK button.	The Current Supported window closes and a search can now be started using the command(s) selected.
c)	Click the  button to search for the command(s) entered.	If any units exist, the units will display in the below area displaying the applicable information based on the type of report selected, as demonstrated above.
d.	Search String - Click the checkbox next to Search String .	The operator is presented with an option to search on an entered name string with an option for a second entry using the and/or function.

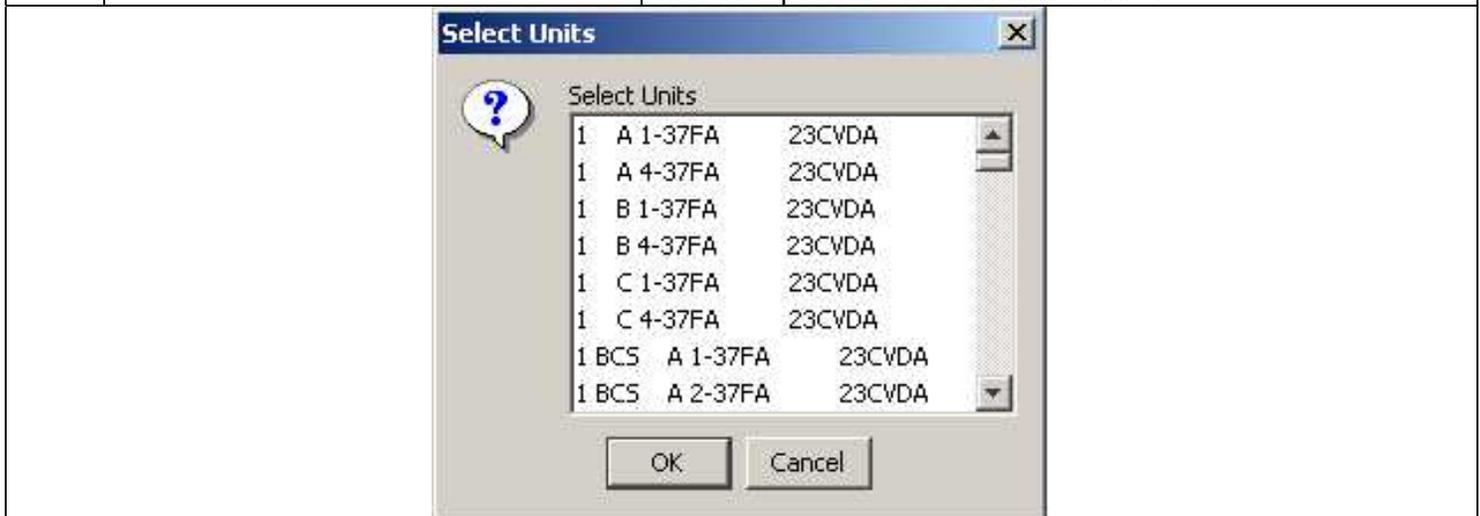


1)	Search for names containing – This allows the operator to search for a unit by a name or name string. Enter the name or string in which the search is desired	
2)	Click the  button to search for the name string entered.	If any units exist, the units will display in the below area displaying the applicable information based on the type of report selected, as demonstrated above.

Unit Reports		
Step	Action	Result/Explanation
e.	Additional Units - Click the checkbox next to Additional Units .	An option button entitled Select Units appears under the Additional Units label.

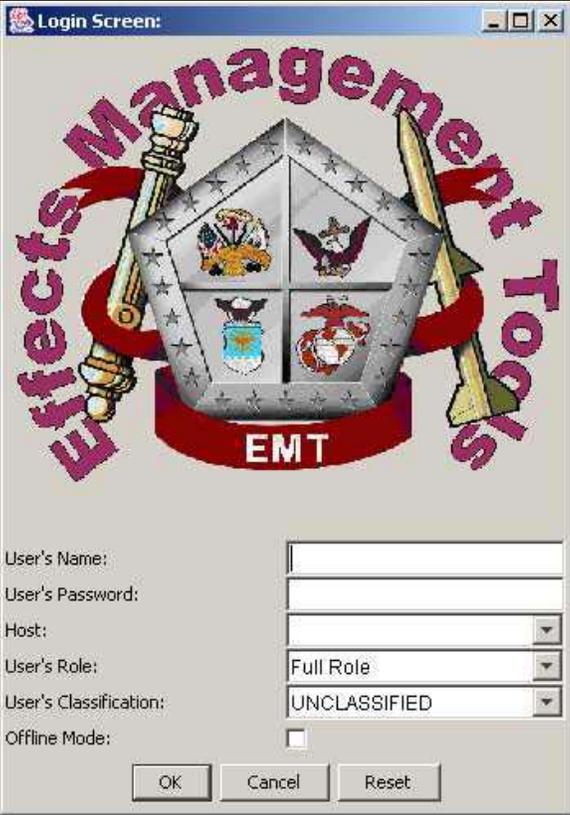


1)	Click the Select Units button.	The Select Units window opens and provides the operator with the option to select available units.
----	---------------------------------------	---

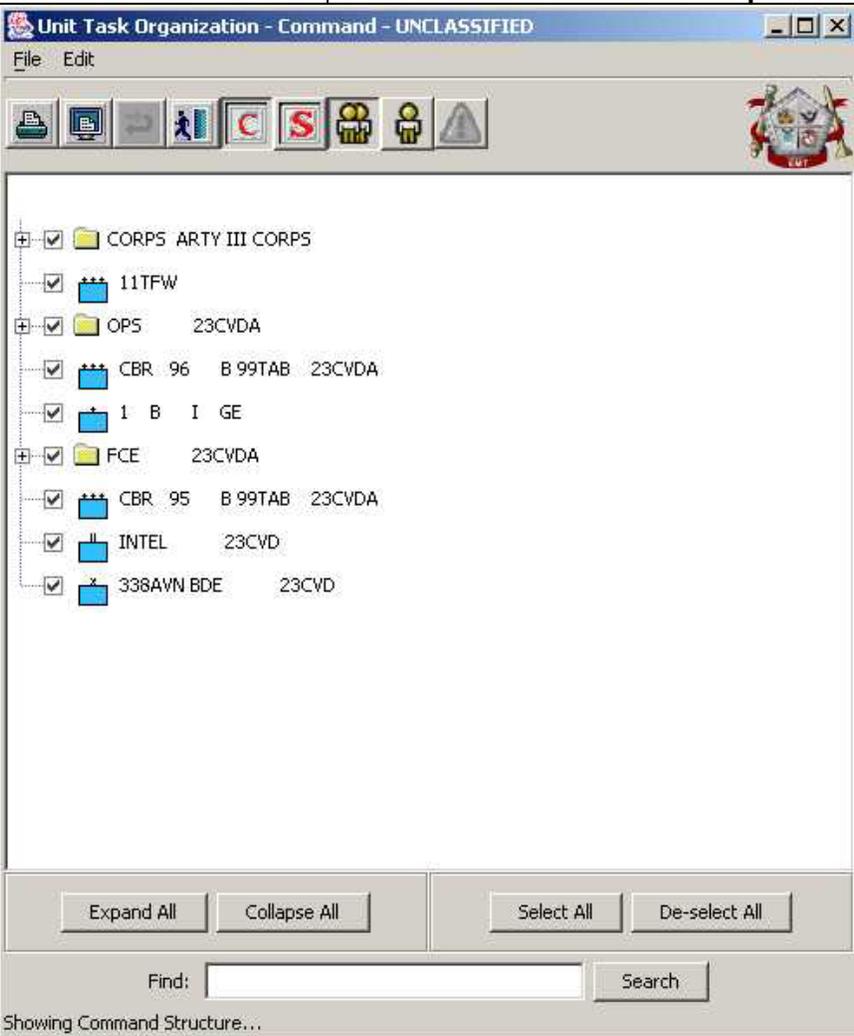


Unit Reports		
Step	Action	Result/Explanation
2)	Click on the desired unit(s) desired for the search. NOTE: To multiple select units, hold the Ctrl key down on the keyboard and select the next unit desired. When all desired units are selected, click the OK button.	The Select Units window closes and a search can now be started using the unit(s) selected.
3)	Click the  button to search for the units selected.	If any units exist, the units will display in the below area displaying the applicable information based on the type of report selected, as demonstrated above.
10.	Buttons on the Unit Reports window:	
a.	 Used to export the search criteria report to an Excel spreadsheet.	
b.	 Used to "Get" search criteria that has been saved.	
c.	 Used to "Save" search criteria that has been selected for specific reports desired.	

3016. View UTO

View UTO		
Step	Action	Result/Explanation
Function: This window allows the view the Unit Task Organization based on Command By or Supported By relationship.		
1.	Start the EMT client on C2PC.	
a.	From the C2PC Workstation select Tools EMT . NOTE: If EMT is not displayed in the list under the Tools option, select the Injector Manager option and ensure that the EMT checkbox is checked.	The Effects Management Tools (EMT) software starts and the Login Screen window opens. NOTE: The Login Screen window takes approximately one minute to display.
		
2.	Define the AFATDS server	
a.	In the Host field, type the hostname of the AFATDS server. The IP address can also be used.	NOTE: The hostname is the name assigned to the AFATDS workstation when software is initially loaded. The hostname appears before the prompt in a Unix xterm window and is also known as the COE name. To verify correct entries ping the AFATDS Server by IP and hostname after changing host file.
b.	Select the User's Role .	Settings for the User's Role can be set in the Preference table [Fire Support Utilities Preferences] to enable or disable specific features/functionality's for each designated user's role. NOTE: These roles are only specific to the client and have no direct correlation with the AFATDS user roles.
c.	Set the appropriate User's Classification of the AFATDS workstation.	
3.	Login	

View UTO		
Step	Action	Result/Explanation
4.	Click the User’s Name field and type the username.	
5.	Click the User’s Password field and type the password.	
6.	Click the OK button.	A screen of changing pictures displays as data loads from the server to the client. A message is displayed at the bottom left hand corner of the window stating, “ Login in Progress, Please Wait! ” This message should change to Login Successful! after approximately one minute, and the screen will disappear.
		
7.	From the Main Menu Bar select Fire Support Reports View UTO	The Unit Task Organization window displays.

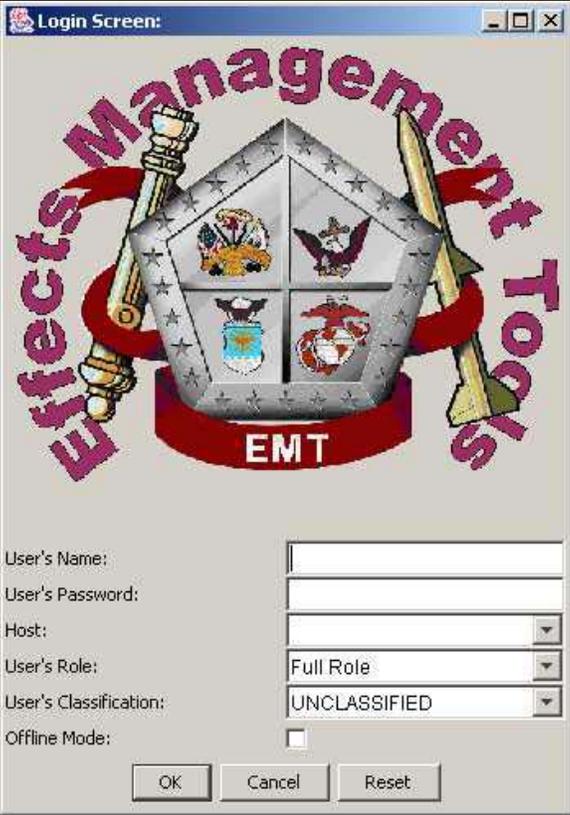
View UTO		
Step	Action	Result/Explanation
		
8.	Buttons on the Unit Task Organization window:	
a.		Used to display the Commanded By relationship.
b.		Used to display the Supported By relationship.
c.		Used to view entire structure
d.		Used to view selected unit structure.
9.	To display the Support structure, click the  icon. NOTE: To display the Command structure, click the  icon.	The Unit Task Organization window changes to "Showing Support Structure."

View UTO		
Step	Action	Result/Explanation
10.	To display a single unit structure, click on the  icon.	The Unit Task Organization window changes displaying only the single unit selected.

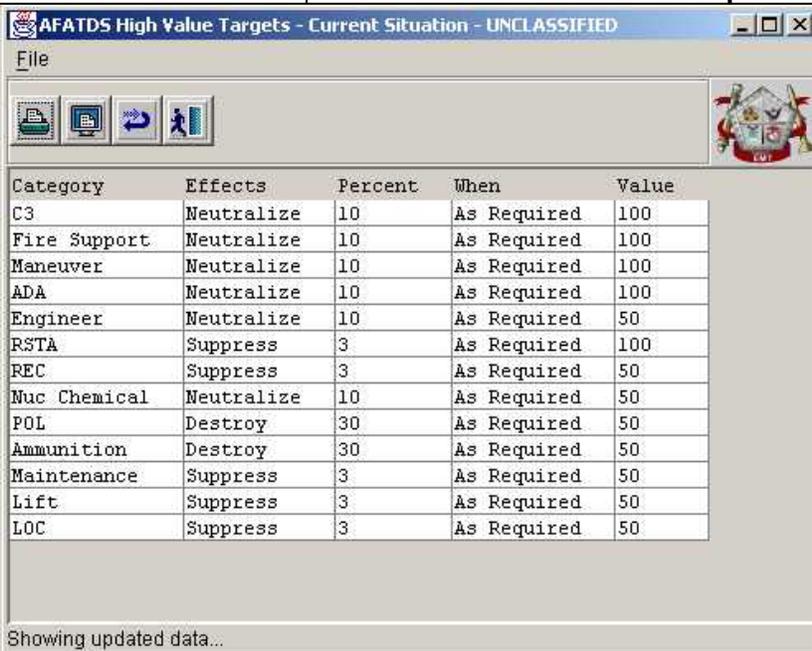
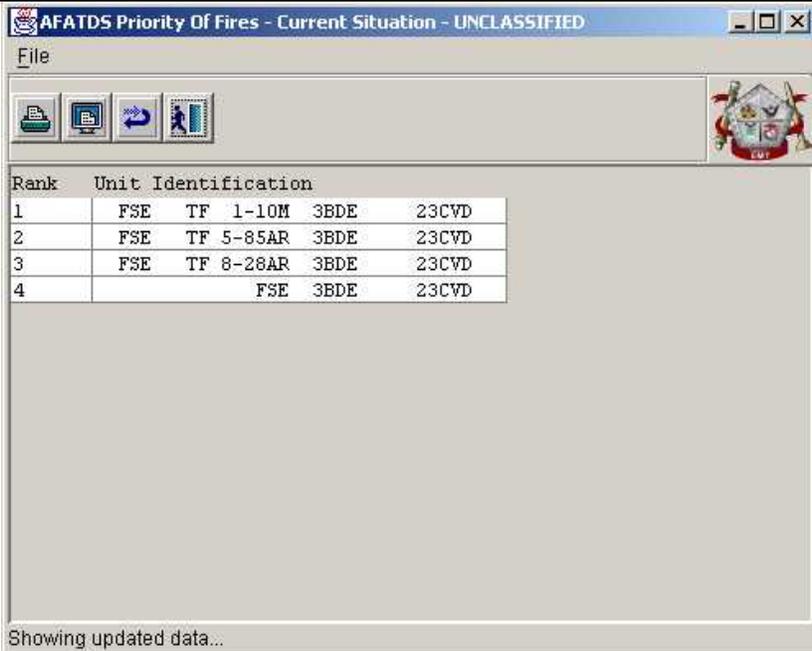
View UTO		
Step	Action	Result/Explanation
11.	To display the entire support structure of the single unit selected, click on the Expand All button.	The Unit Task Organization window displays the selected unit's support structure.

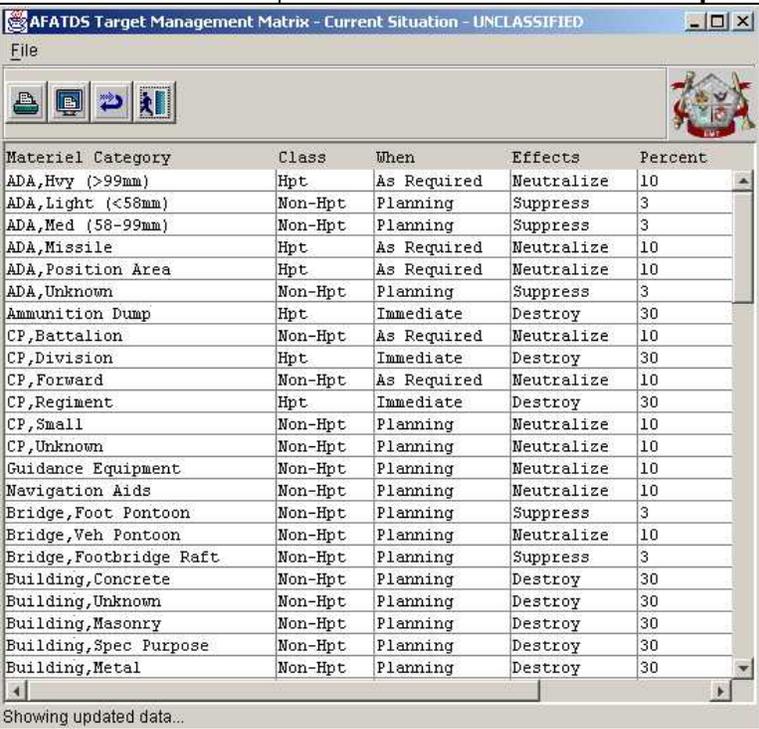
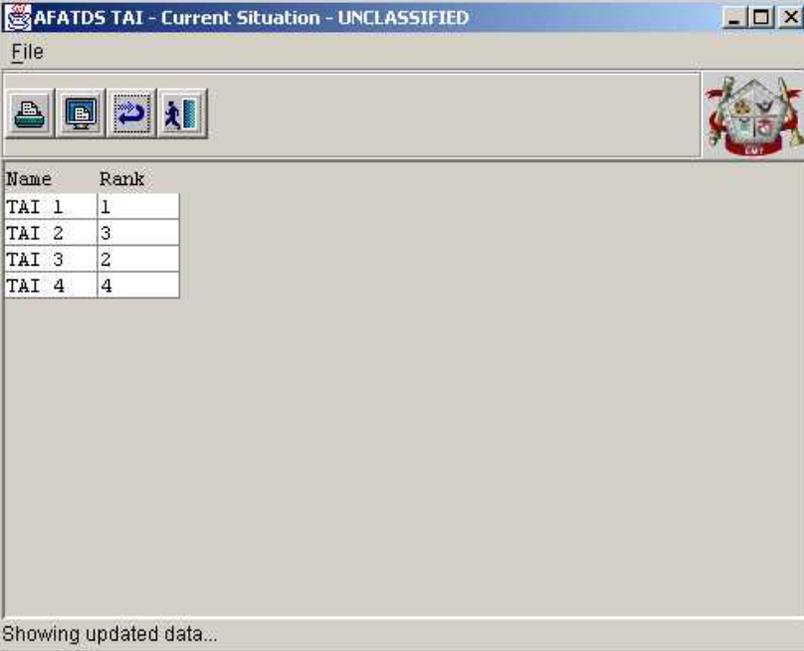
View UTO		
Step	Action	Result/Explanation
12.	To collapse the structure, click the Collapse All button.	
13.	To search for a specific unit within the Unit Task Organization structure enter the desired name in the Find: field and click the Search button.	The name entered, if in the organizational structure, will be highlighted in the unit breakout. If the name entered is not found, nothing happens. Enter another name and try again.

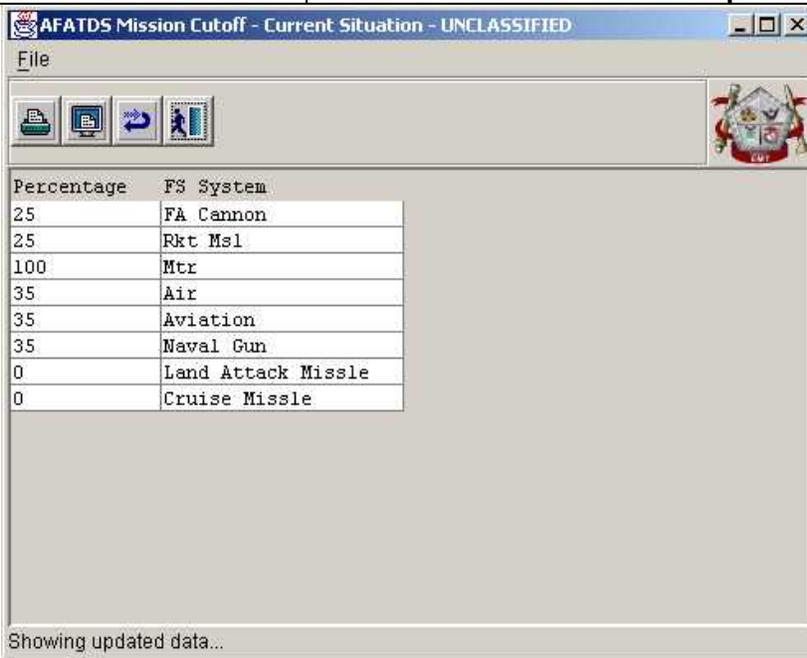
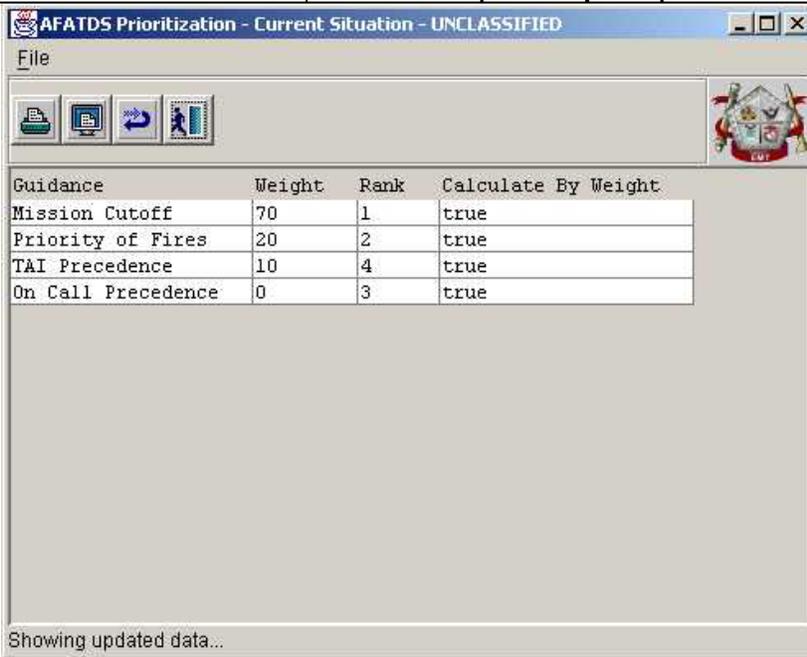
3017. Guidances

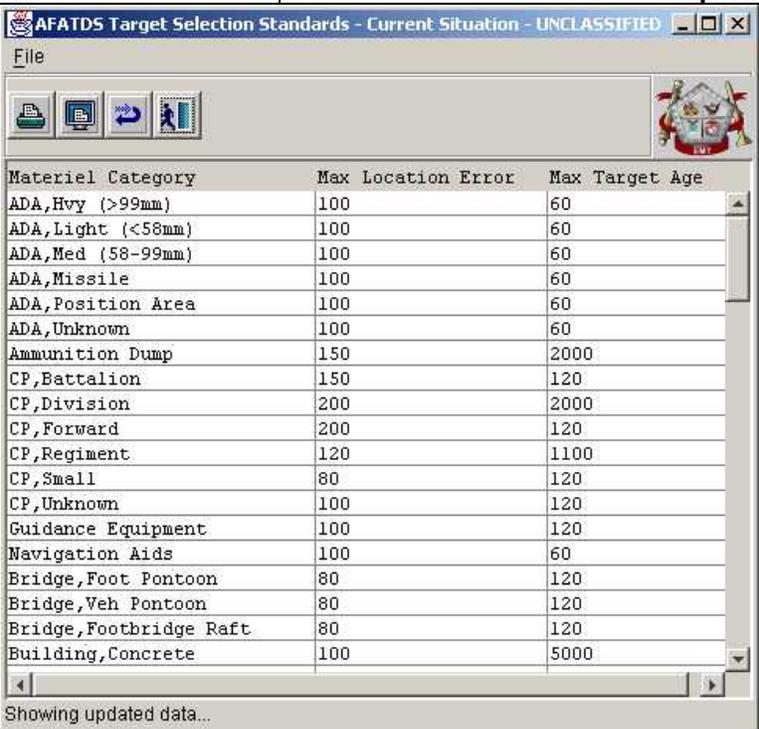
		Guidances
Step	Action	Result/Explanation
Function: This Procedure defines the steps for using the Effects Management Tools (EMT) to find information on Current Situation Guidances.		
	Start the EMT client on C2PC.	
	From the C2PC Workstation select Tools EMT . NOTE: If EMT is not displayed in the list under the Tools option, select the Injector Manager option and ensure that the EMT checkbox is checked.	The Effects Management Tools (EMT) software starts and the Login Screen window opens. NOTE: The Login Screen window takes approximately one minute to display.
		
2.	Define the AFATDS server	
a.	In the Host field, type the hostname of the AFATDS server.	The hostname is the name assigned to the AFATDS workstation when software is initially loaded. The server name appears before the prompt in a Unix xterm window and is also known as the COE name. To verify correct entries ping the AFATDS Server by IP and hostname after changing host file.
b.	Select the User’s Role .	Settings for the User’s Role can be set in the Preference table [Fire Support Utilities Preferences] to enable or disable specific features/functionality’s for each designated user’s role.
3.	Login	
4.	Click the User’s Name field and type the username.	

		Guidances
Step	Action	Result/Explanation
5.	Click the User’s Password field and type the password.	
6.	Click the OK button.	A screen of changing pictures displays as data loads from the server to the client. A message is displayed at the bottom left hand corner of the window stating, “ Login in Progress, Please Wait! ” This message should change to Login Successful! after approximately one minute, and the screen will disappear.
		
7.	On the Main Menu Bar select Fire Support Guidances .	The operator is presented with a series of Guidance options to select from: <div style="border: 1px solid gray; padding: 5px; margin: 5px 0;"> <ul style="list-style-type: none"> High Value Targets Priority of Fires Target Management Matrix TAI Mission Cutoff Prioritization Target Selection Standards On Call Precedence </div>
8.	These reports are VIEW ONLY and Cannot be modified and display ONLY Current Situation guidances. Planned guidances are NOT available.	NOTE: In each of the Guidance windows, clicking on the column heading causes that column to sort in descending order (0 – Z).
9.	3017.1 High Value Targets	NOTE: This information is derived from AFATDS under Guidances Workspace High Value Target (HVT) List .

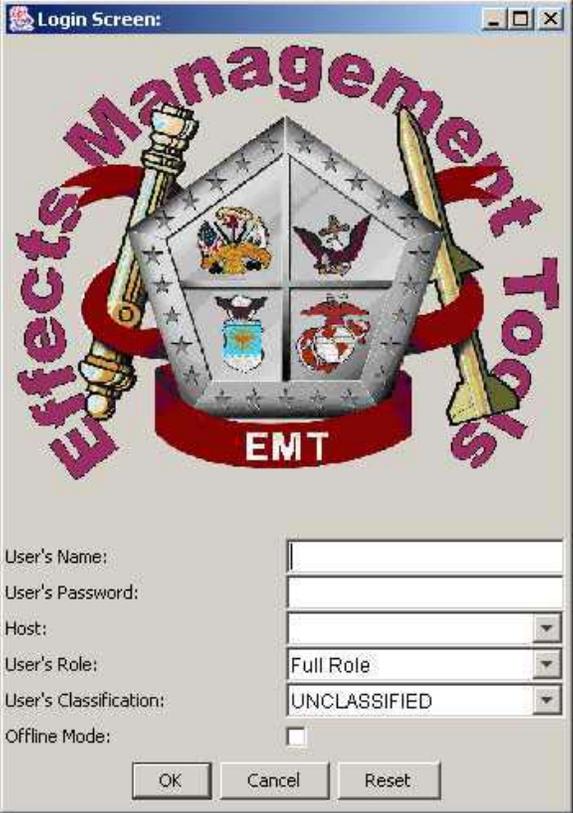
Guidances																																																																								
Step	Action	Result/Explanation																																																																						
	 <p>AFATDS High Value Targets - Current Situation - UNCLASSIFIED</p> <table border="1"> <thead> <tr> <th>Category</th> <th>Effects</th> <th>Percent</th> <th>When</th> <th>Value</th> </tr> </thead> <tbody> <tr><td>C3</td><td>Neutralize</td><td>10</td><td>As Required</td><td>100</td></tr> <tr><td>Fire Support</td><td>Neutralize</td><td>10</td><td>As Required</td><td>100</td></tr> <tr><td>Maneuver</td><td>Neutralize</td><td>10</td><td>As Required</td><td>100</td></tr> <tr><td>ADA</td><td>Neutralize</td><td>10</td><td>As Required</td><td>100</td></tr> <tr><td>Engineer</td><td>Neutralize</td><td>10</td><td>As Required</td><td>50</td></tr> <tr><td>RSTA</td><td>Suppress</td><td>3</td><td>As Required</td><td>100</td></tr> <tr><td>REC</td><td>Suppress</td><td>3</td><td>As Required</td><td>50</td></tr> <tr><td>Nuc Chemical</td><td>Neutralize</td><td>10</td><td>As Required</td><td>50</td></tr> <tr><td>POL</td><td>Destroy</td><td>30</td><td>As Required</td><td>50</td></tr> <tr><td>Ammunition</td><td>Destroy</td><td>30</td><td>As Required</td><td>50</td></tr> <tr><td>Maintenance</td><td>Suppress</td><td>3</td><td>As Required</td><td>50</td></tr> <tr><td>Lift</td><td>Suppress</td><td>3</td><td>As Required</td><td>50</td></tr> <tr><td>LOC</td><td>Suppress</td><td>3</td><td>As Required</td><td>50</td></tr> </tbody> </table> <p>Showing updated data...</p>	Category	Effects	Percent	When	Value	C3	Neutralize	10	As Required	100	Fire Support	Neutralize	10	As Required	100	Maneuver	Neutralize	10	As Required	100	ADA	Neutralize	10	As Required	100	Engineer	Neutralize	10	As Required	50	RSTA	Suppress	3	As Required	100	REC	Suppress	3	As Required	50	Nuc Chemical	Neutralize	10	As Required	50	POL	Destroy	30	As Required	50	Ammunition	Destroy	30	As Required	50	Maintenance	Suppress	3	As Required	50	Lift	Suppress	3	As Required	50	LOC	Suppress	3	As Required	50	
Category	Effects	Percent	When	Value																																																																				
C3	Neutralize	10	As Required	100																																																																				
Fire Support	Neutralize	10	As Required	100																																																																				
Maneuver	Neutralize	10	As Required	100																																																																				
ADA	Neutralize	10	As Required	100																																																																				
Engineer	Neutralize	10	As Required	50																																																																				
RSTA	Suppress	3	As Required	100																																																																				
REC	Suppress	3	As Required	50																																																																				
Nuc Chemical	Neutralize	10	As Required	50																																																																				
POL	Destroy	30	As Required	50																																																																				
Ammunition	Destroy	30	As Required	50																																																																				
Maintenance	Suppress	3	As Required	50																																																																				
Lift	Suppress	3	As Required	50																																																																				
LOC	Suppress	3	As Required	50																																																																				
10.	3017.2 Priority Of Fires	NOTE: This information is derived from AFATDS under Guidances Workspace Mission Prioritization.																																																																						
	 <p>AFATDS Priority Of Fires - Current Situation - UNCLASSIFIED</p> <table border="1"> <thead> <tr> <th>Rank</th> <th>Unit Identification</th> </tr> </thead> <tbody> <tr><td>1</td><td>FSE TF 1-10M 3BDE 23CVD</td></tr> <tr><td>2</td><td>FSE TF 5-85AR 3BDE 23CVD</td></tr> <tr><td>3</td><td>FSE TF 8-28AR 3BDE 23CVD</td></tr> <tr><td>4</td><td>FSE 3BDE 23CVD</td></tr> </tbody> </table> <p>Showing updated data...</p>	Rank	Unit Identification	1	FSE TF 1-10M 3BDE 23CVD	2	FSE TF 5-85AR 3BDE 23CVD	3	FSE TF 8-28AR 3BDE 23CVD	4	FSE 3BDE 23CVD																																																													
Rank	Unit Identification																																																																							
1	FSE TF 1-10M 3BDE 23CVD																																																																							
2	FSE TF 5-85AR 3BDE 23CVD																																																																							
3	FSE TF 8-28AR 3BDE 23CVD																																																																							
4	FSE 3BDE 23CVD																																																																							
11.	3017.3 Target Management Matrix (TMM)	NOTE: This information is derived from AFATDS under Guidances Workspace TMM High Payoff Targets.																																																																						

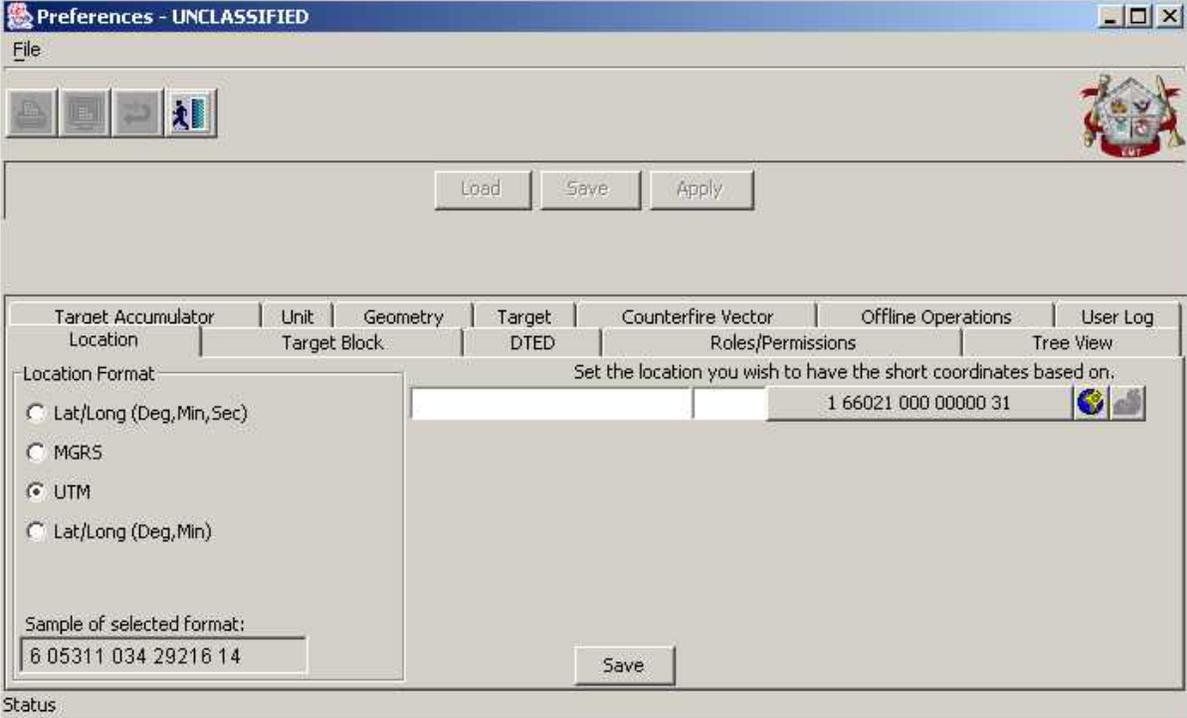
Guidances																																																																																																																										
Step	Action	Result/Explanation																																																																																																																								
		 <table border="1"> <thead> <tr> <th>Materiel Category</th> <th>Class</th> <th>When</th> <th>Effects</th> <th>Percent</th> </tr> </thead> <tbody> <tr><td>ADA,Hvy (>99mm)</td><td>Hpt</td><td>As Required</td><td>Neutralize</td><td>10</td></tr> <tr><td>ADA,Light (<58mm)</td><td>Non-Hpt</td><td>Planning</td><td>Suppress</td><td>3</td></tr> <tr><td>ADA,Med (58-99mm)</td><td>Non-Hpt</td><td>Planning</td><td>Suppress</td><td>3</td></tr> <tr><td>ADA, Missile</td><td>Hpt</td><td>As Required</td><td>Neutralize</td><td>10</td></tr> <tr><td>ADA, Position Area</td><td>Hpt</td><td>As Required</td><td>Neutralize</td><td>10</td></tr> <tr><td>ADA, Unknown</td><td>Non-Hpt</td><td>Planning</td><td>Suppress</td><td>3</td></tr> <tr><td>Ammunition Dump</td><td>Hpt</td><td>Immediate</td><td>Destroy</td><td>30</td></tr> <tr><td>CP, Battalion</td><td>Non-Hpt</td><td>As Required</td><td>Neutralize</td><td>10</td></tr> <tr><td>CP, Division</td><td>Hpt</td><td>Immediate</td><td>Destroy</td><td>30</td></tr> <tr><td>CP, Forward</td><td>Non-Hpt</td><td>As Required</td><td>Neutralize</td><td>10</td></tr> <tr><td>CP, Regiment</td><td>Hpt</td><td>Immediate</td><td>Destroy</td><td>30</td></tr> <tr><td>CP, Small</td><td>Non-Hpt</td><td>Planning</td><td>Neutralize</td><td>10</td></tr> <tr><td>CP, Unknown</td><td>Non-Hpt</td><td>Planning</td><td>Neutralize</td><td>10</td></tr> <tr><td>Guidance Equipment</td><td>Non-Hpt</td><td>Planning</td><td>Neutralize</td><td>10</td></tr> <tr><td>Navigation Aids</td><td>Non-Hpt</td><td>Planning</td><td>Neutralize</td><td>10</td></tr> <tr><td>Bridge, Foot Pontoon</td><td>Non-Hpt</td><td>Planning</td><td>Suppress</td><td>3</td></tr> <tr><td>Bridge, Veh Pontoon</td><td>Non-Hpt</td><td>Planning</td><td>Neutralize</td><td>10</td></tr> <tr><td>Bridge, Footbridge Raft</td><td>Non-Hpt</td><td>Planning</td><td>Suppress</td><td>3</td></tr> <tr><td>Building, Concrete</td><td>Non-Hpt</td><td>Planning</td><td>Destroy</td><td>30</td></tr> <tr><td>Building, Unknown</td><td>Non-Hpt</td><td>Planning</td><td>Destroy</td><td>30</td></tr> <tr><td>Building, Masonry</td><td>Non-Hpt</td><td>Planning</td><td>Destroy</td><td>30</td></tr> <tr><td>Building, Spec Purpose</td><td>Non-Hpt</td><td>Planning</td><td>Destroy</td><td>30</td></tr> <tr><td>Building, Metal</td><td>Non-Hpt</td><td>Planning</td><td>Destroy</td><td>30</td></tr> </tbody> </table>	Materiel Category	Class	When	Effects	Percent	ADA,Hvy (>99mm)	Hpt	As Required	Neutralize	10	ADA,Light (<58mm)	Non-Hpt	Planning	Suppress	3	ADA,Med (58-99mm)	Non-Hpt	Planning	Suppress	3	ADA, Missile	Hpt	As Required	Neutralize	10	ADA, Position Area	Hpt	As Required	Neutralize	10	ADA, Unknown	Non-Hpt	Planning	Suppress	3	Ammunition Dump	Hpt	Immediate	Destroy	30	CP, Battalion	Non-Hpt	As Required	Neutralize	10	CP, Division	Hpt	Immediate	Destroy	30	CP, Forward	Non-Hpt	As Required	Neutralize	10	CP, Regiment	Hpt	Immediate	Destroy	30	CP, Small	Non-Hpt	Planning	Neutralize	10	CP, Unknown	Non-Hpt	Planning	Neutralize	10	Guidance Equipment	Non-Hpt	Planning	Neutralize	10	Navigation Aids	Non-Hpt	Planning	Neutralize	10	Bridge, Foot Pontoon	Non-Hpt	Planning	Suppress	3	Bridge, Veh Pontoon	Non-Hpt	Planning	Neutralize	10	Bridge, Footbridge Raft	Non-Hpt	Planning	Suppress	3	Building, Concrete	Non-Hpt	Planning	Destroy	30	Building, Unknown	Non-Hpt	Planning	Destroy	30	Building, Masonry	Non-Hpt	Planning	Destroy	30	Building, Spec Purpose	Non-Hpt	Planning	Destroy	30	Building, Metal	Non-Hpt	Planning	Destroy	30
Materiel Category	Class	When	Effects	Percent																																																																																																																						
ADA,Hvy (>99mm)	Hpt	As Required	Neutralize	10																																																																																																																						
ADA,Light (<58mm)	Non-Hpt	Planning	Suppress	3																																																																																																																						
ADA,Med (58-99mm)	Non-Hpt	Planning	Suppress	3																																																																																																																						
ADA, Missile	Hpt	As Required	Neutralize	10																																																																																																																						
ADA, Position Area	Hpt	As Required	Neutralize	10																																																																																																																						
ADA, Unknown	Non-Hpt	Planning	Suppress	3																																																																																																																						
Ammunition Dump	Hpt	Immediate	Destroy	30																																																																																																																						
CP, Battalion	Non-Hpt	As Required	Neutralize	10																																																																																																																						
CP, Division	Hpt	Immediate	Destroy	30																																																																																																																						
CP, Forward	Non-Hpt	As Required	Neutralize	10																																																																																																																						
CP, Regiment	Hpt	Immediate	Destroy	30																																																																																																																						
CP, Small	Non-Hpt	Planning	Neutralize	10																																																																																																																						
CP, Unknown	Non-Hpt	Planning	Neutralize	10																																																																																																																						
Guidance Equipment	Non-Hpt	Planning	Neutralize	10																																																																																																																						
Navigation Aids	Non-Hpt	Planning	Neutralize	10																																																																																																																						
Bridge, Foot Pontoon	Non-Hpt	Planning	Suppress	3																																																																																																																						
Bridge, Veh Pontoon	Non-Hpt	Planning	Neutralize	10																																																																																																																						
Bridge, Footbridge Raft	Non-Hpt	Planning	Suppress	3																																																																																																																						
Building, Concrete	Non-Hpt	Planning	Destroy	30																																																																																																																						
Building, Unknown	Non-Hpt	Planning	Destroy	30																																																																																																																						
Building, Masonry	Non-Hpt	Planning	Destroy	30																																																																																																																						
Building, Spec Purpose	Non-Hpt	Planning	Destroy	30																																																																																																																						
Building, Metal	Non-Hpt	Planning	Destroy	30																																																																																																																						
12.	3017.4 Targeted Area of Interest (TAI)	NOTE: This information is derived from AFATDS under Guidances Workspace Mission Prioritization.																																																																																																																								
		 <table border="1"> <thead> <tr> <th>Name</th> <th>Rank</th> </tr> </thead> <tbody> <tr><td>TAI 1</td><td>1</td></tr> <tr><td>TAI 2</td><td>3</td></tr> <tr><td>TAI 3</td><td>2</td></tr> <tr><td>TAI 4</td><td>4</td></tr> </tbody> </table>	Name	Rank	TAI 1	1	TAI 2	3	TAI 3	2	TAI 4	4																																																																																																														
Name	Rank																																																																																																																									
TAI 1	1																																																																																																																									
TAI 2	3																																																																																																																									
TAI 3	2																																																																																																																									
TAI 4	4																																																																																																																									
13.	3017.5 Mission Cutoff	NOTE: This information is derived from AFATDS under Guidances Workspace Mission Prioritization.																																																																																																																								

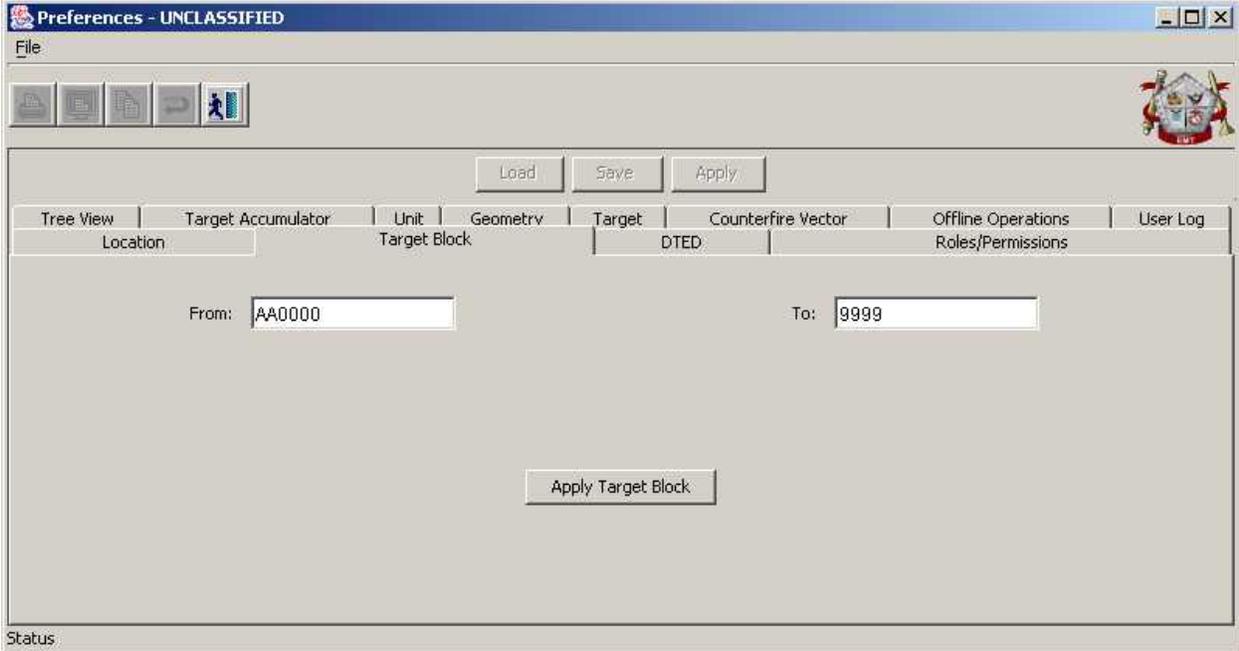
Guidances																						
Step	Action	Result/Explanation																				
	 <p>AFATDS Mission Cutoff - Current Situation - UNCLASSIFIED</p> <table border="1"> <thead> <tr> <th>Percentage</th> <th>FS System</th> </tr> </thead> <tbody> <tr> <td>25</td> <td>FA Cannon</td> </tr> <tr> <td>25</td> <td>Rkt Msl</td> </tr> <tr> <td>100</td> <td>Mtr</td> </tr> <tr> <td>35</td> <td>Air</td> </tr> <tr> <td>35</td> <td>Aviation</td> </tr> <tr> <td>35</td> <td>Naval Gun</td> </tr> <tr> <td>0</td> <td>Land Attack Missile</td> </tr> <tr> <td>0</td> <td>Cruise Missile</td> </tr> </tbody> </table> <p>Showing updated data...</p>	Percentage	FS System	25	FA Cannon	25	Rkt Msl	100	Mtr	35	Air	35	Aviation	35	Naval Gun	0	Land Attack Missile	0	Cruise Missile			
Percentage	FS System																					
25	FA Cannon																					
25	Rkt Msl																					
100	Mtr																					
35	Air																					
35	Aviation																					
35	Naval Gun																					
0	Land Attack Missile																					
0	Cruise Missile																					
14.	3017.6 Prioritization	NOTE: This information is derived from AFATDS under Guidances Workspace Mission Prioritization.																				
	 <p>AFATDS Prioritization - Current Situation - UNCLASSIFIED</p> <table border="1"> <thead> <tr> <th>Guidance</th> <th>Weight</th> <th>Rank</th> <th>Calculate By Weight</th> </tr> </thead> <tbody> <tr> <td>Mission Cutoff</td> <td>70</td> <td>1</td> <td>true</td> </tr> <tr> <td>Priority of Fires</td> <td>20</td> <td>2</td> <td>true</td> </tr> <tr> <td>TAI Precedence</td> <td>10</td> <td>4</td> <td>true</td> </tr> <tr> <td>On Call Precedence</td> <td>0</td> <td>3</td> <td>true</td> </tr> </tbody> </table> <p>Showing updated data...</p>	Guidance	Weight	Rank	Calculate By Weight	Mission Cutoff	70	1	true	Priority of Fires	20	2	true	TAI Precedence	10	4	true	On Call Precedence	0	3	true	
Guidance	Weight	Rank	Calculate By Weight																			
Mission Cutoff	70	1	true																			
Priority of Fires	20	2	true																			
TAI Precedence	10	4	true																			
On Call Precedence	0	3	true																			
15.	3017.7 Target Selection Standards (TSS)	NOTE: This information is derived from AFATDS under Guidances Workspace Target Selection Standards.																				

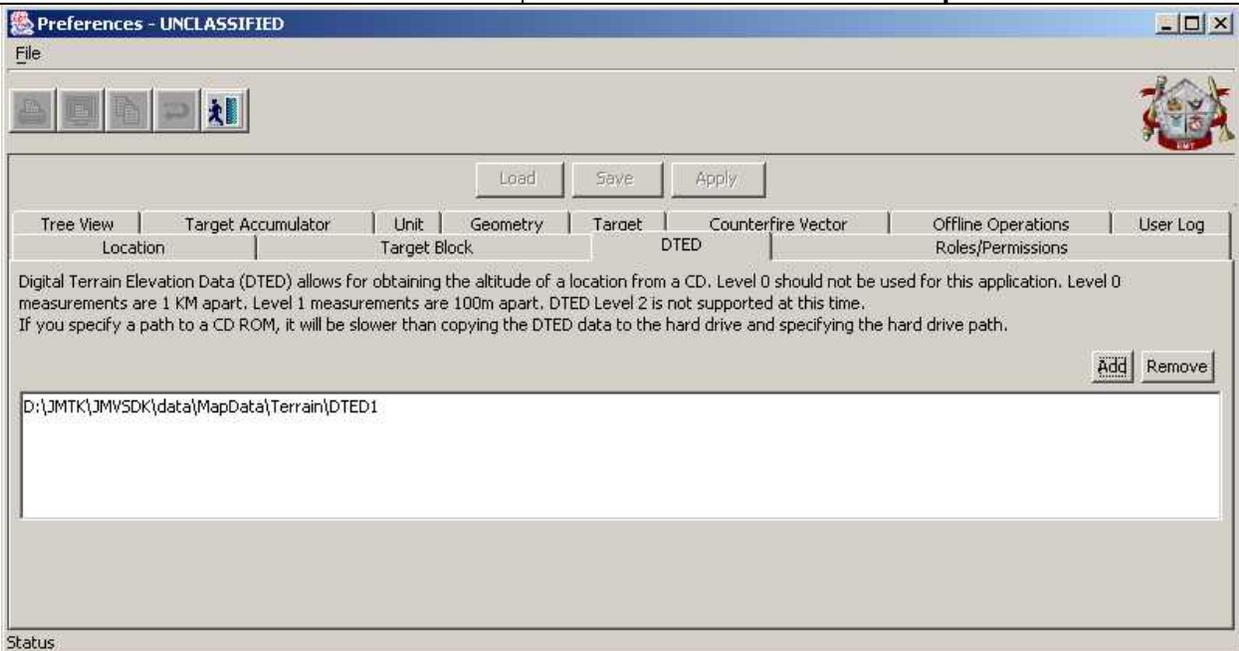
Guidances																																																														
Step	Action	Result/Explanation																																																												
		 <table border="1"> <thead> <tr> <th>Materiel Category</th> <th>Max Location Error</th> <th>Max Target Age</th> </tr> </thead> <tbody> <tr><td>ADA,Hvy (>99mm)</td><td>100</td><td>60</td></tr> <tr><td>ADA,Light (<58mm)</td><td>100</td><td>60</td></tr> <tr><td>ADA,Med (58-99mm)</td><td>100</td><td>60</td></tr> <tr><td>ADA,Missile</td><td>100</td><td>60</td></tr> <tr><td>ADA,Position Area</td><td>100</td><td>60</td></tr> <tr><td>ADA,Unknown</td><td>100</td><td>60</td></tr> <tr><td>Ammunition Dump</td><td>150</td><td>2000</td></tr> <tr><td>CP,Battalion</td><td>150</td><td>120</td></tr> <tr><td>CP,Division</td><td>200</td><td>2000</td></tr> <tr><td>CP,Forward</td><td>200</td><td>120</td></tr> <tr><td>CP,Regiment</td><td>120</td><td>1100</td></tr> <tr><td>CP,Small</td><td>80</td><td>120</td></tr> <tr><td>CP,Unknown</td><td>100</td><td>120</td></tr> <tr><td>Guidance Equipment</td><td>100</td><td>120</td></tr> <tr><td>Navigation Aids</td><td>100</td><td>60</td></tr> <tr><td>Bridge,Foot Pontoon</td><td>80</td><td>120</td></tr> <tr><td>Bridge,Veh Pontoon</td><td>80</td><td>120</td></tr> <tr><td>Bridge,Footbridge Raft</td><td>80</td><td>120</td></tr> <tr><td>Building,Concrete</td><td>100</td><td>5000</td></tr> </tbody> </table>	Materiel Category	Max Location Error	Max Target Age	ADA,Hvy (>99mm)	100	60	ADA,Light (<58mm)	100	60	ADA,Med (58-99mm)	100	60	ADA,Missile	100	60	ADA,Position Area	100	60	ADA,Unknown	100	60	Ammunition Dump	150	2000	CP,Battalion	150	120	CP,Division	200	2000	CP,Forward	200	120	CP,Regiment	120	1100	CP,Small	80	120	CP,Unknown	100	120	Guidance Equipment	100	120	Navigation Aids	100	60	Bridge,Foot Pontoon	80	120	Bridge,Veh Pontoon	80	120	Bridge,Footbridge Raft	80	120	Building,Concrete	100	5000
Materiel Category	Max Location Error	Max Target Age																																																												
ADA,Hvy (>99mm)	100	60																																																												
ADA,Light (<58mm)	100	60																																																												
ADA,Med (58-99mm)	100	60																																																												
ADA,Missile	100	60																																																												
ADA,Position Area	100	60																																																												
ADA,Unknown	100	60																																																												
Ammunition Dump	150	2000																																																												
CP,Battalion	150	120																																																												
CP,Division	200	2000																																																												
CP,Forward	200	120																																																												
CP,Regiment	120	1100																																																												
CP,Small	80	120																																																												
CP,Unknown	100	120																																																												
Guidance Equipment	100	120																																																												
Navigation Aids	100	60																																																												
Bridge,Foot Pontoon	80	120																																																												
Bridge,Veh Pontoon	80	120																																																												
Bridge,Footbridge Raft	80	120																																																												
Building,Concrete	100	5000																																																												
16.	3017.8 On Call Precedence	<p>This information is derived from AFATDS under Guidances Workspace Mission Prioritization. NOTE: False indicated the checkbox for On-Call Targets have higher priority is not checked. True indicates the On-Call Targets have higher priority checkbox is checked.</p>																																																												
																																																														

3018. User Preferences

User Preferences		
Step	Action	Result/Explanation
Function: This window allows the client operator to establish user preferences.		
1.	Start the EMT client on C2PC.	
a.	From the C2PC Workstation select Tools EMT . NOTE: If EMT is not displayed in the list under the Tools option, select the Injector Manager option and ensure that the EMT checkbox is checked.	The Effects Management Tools (EMT) software starts and the Login Screen window opens. NOTE: The Login Screen window takes approximately one minute to display.
		
2.	Define the AFATDS server	
a.	In the Host field, type the hostname of the AFATDS server. The IP address can also be used.	NOTE: The hostname is the name assigned to the AFATDS workstation when software is initially loaded. The hostname appears before the prompt in a Unix xterm window and is also known as the COE name. To verify correct entries ping the AFATDS Server by IP and hostname after changing host file.
b.	Select the User's Role .	Settings for the User's Role can be set in the Preference table [Fire Support Utilities Preferences] to enable or disable specific features/functionality's for each designated user's role. NOTE: These roles are only specific to the client and have no direct correlation with the AFATDS user roles.
c.	Set the appropriate User's Classification of the AFATDS workstation.	
3.	Login	

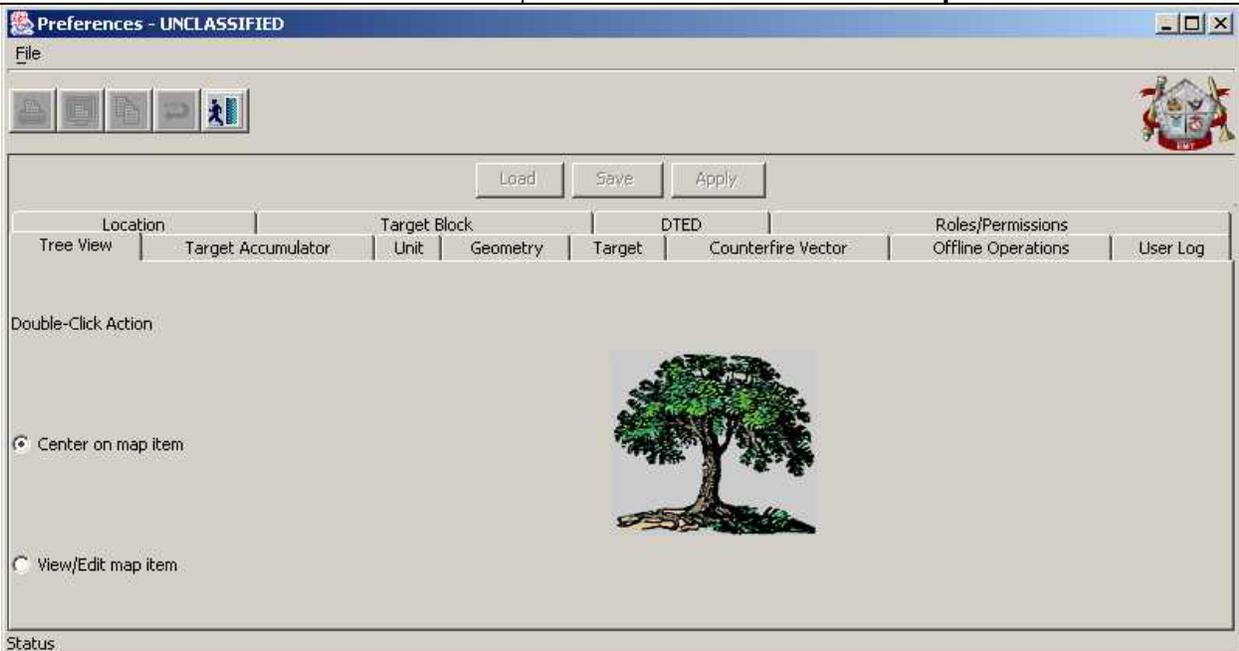
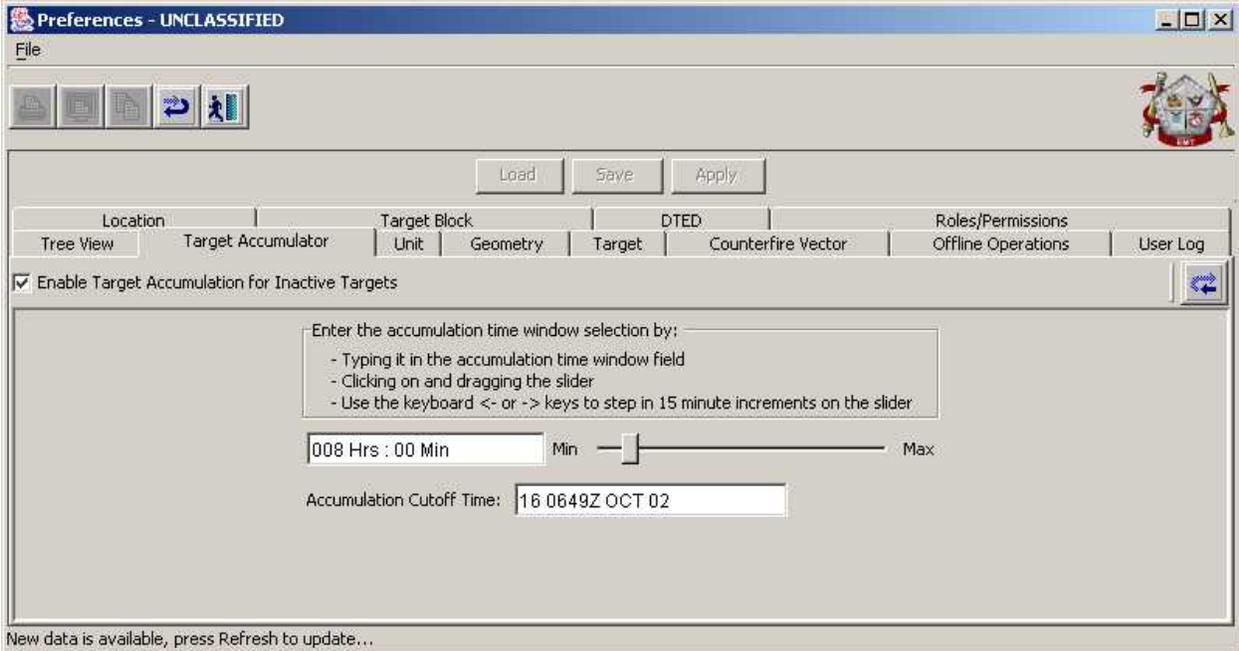
User Preferences		
Step	Action	Result/Explanation
4.	Click the User’s Name field and type the username.	
5.	Click the User’s Password field and type the password.	
6.	Click the OK button.	A screen of changing pictures displays as data loads from the server to the client. A message is displayed at the bottom left hand corner of the window stating, “ Login in Progress, Please Wait! This message should change to Login Successful! after approximately one minute, and the screen will disappear.
		
7.	From the Main Menu Bar select Fire Support Utilities Preferences...	The Preferences window displays.
		
8.	<i>The following tabs are available:</i>	

User Preferences		
Step	Action	Result/Explanation
a.	Location	Allows the user to change the grid coordinates to be displayed in LAT/LONG (Deg, Min, Sec) , MGRS , UTM , or LAT/LONG (Deg, Min) format. This also allows the user to input a grid location that will allow only short coordinates to be required for entry for a location.
b.	Target Block	Assigns a block of target numbers.
		
1)	Enter the desired Target Block numbering sequence. Click the Apply Target Block button for target block to become active.	
c.	DTED	Allows the user to set the location of DTED map data for retrieving altitude data when choosing a location from the map.

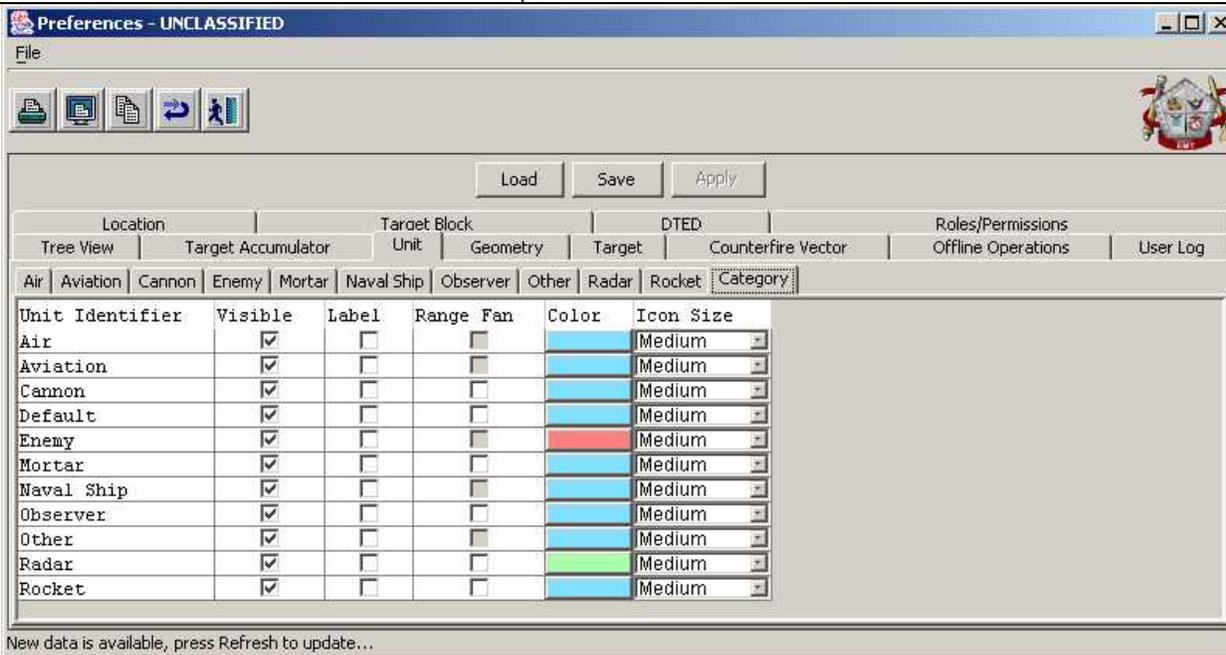
User Preferences		
Step	Action	Result/Explanation
		
1)	Click the Add button, the Select Path window opens and allows the user to drill down to the location of the DTED data.	NOTE: The DTED data is not required to be loaded on the harddrive of the user workstation, the DTED data can be retrieved from a CDROM placed in an active CDROM drive.
		
2)	Drill down to the location of the DTED map data information, and then select the select path button.	The select path window closes and the path to the DTED data is displayed in the window area of the DTED tab of the Preferences window.
d.	Roles/Permissions	Allows the user to set specific functionality to be available for a specific role selected.

User Preferences		
Step	Action	Result/Explanation
1)	To change the role of the client, select the down arrow to the right of the role field and choose the desired role.	A list of roles available is presented to the operator.
2)	To edit the functionality of a specific role or to create a role, click the Edit Roles button.	The Edit Roles window opens and provides the operator with the capability to create, edit, and/or delete roles.

User Preferences		
Step	Action	Result/Explanation
3)	<p>From the left window select the desired role to edit. From the right side select or deselect the desired functionality for that particular role. To add a new role, enter the new role name in the field provided and click the Add Role button. Give the new role the desired functionality from the right side functionality list. When finished click the Save button.</p>	<p>The roles will be set according to the functionality chosen for each given role.</p>
e.	<p>Tree View</p>	<p>Allows the user to select whether a double-click action centers a unit on the map or opens the View/Edit window</p>

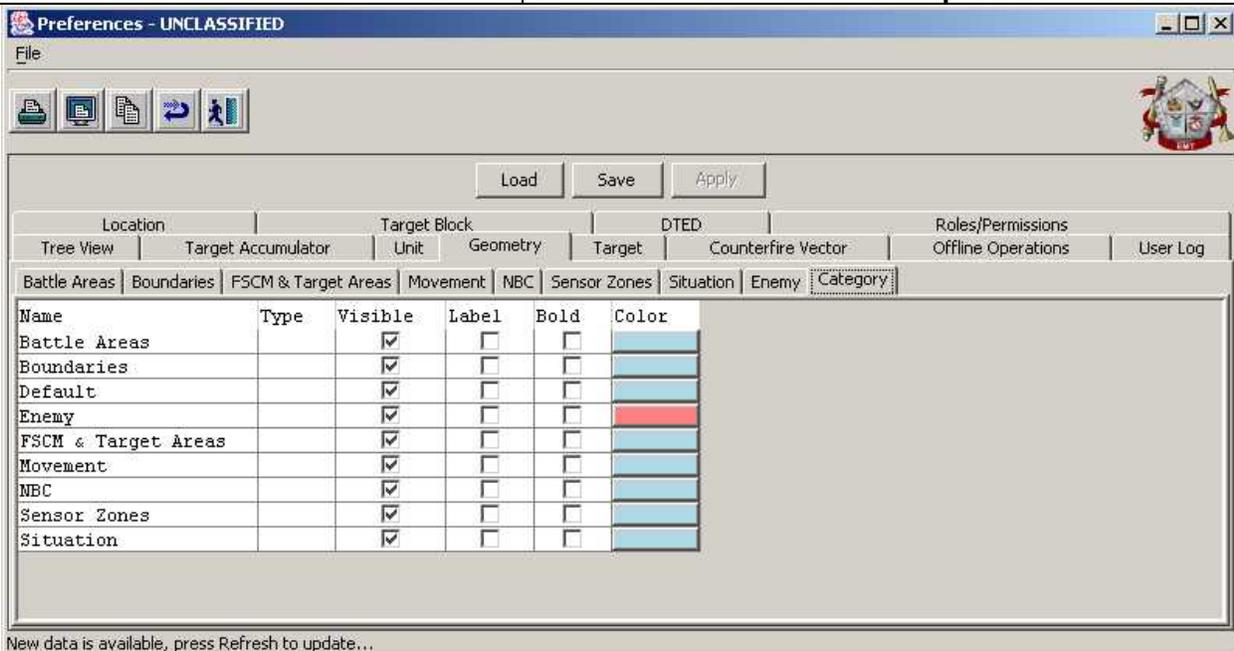
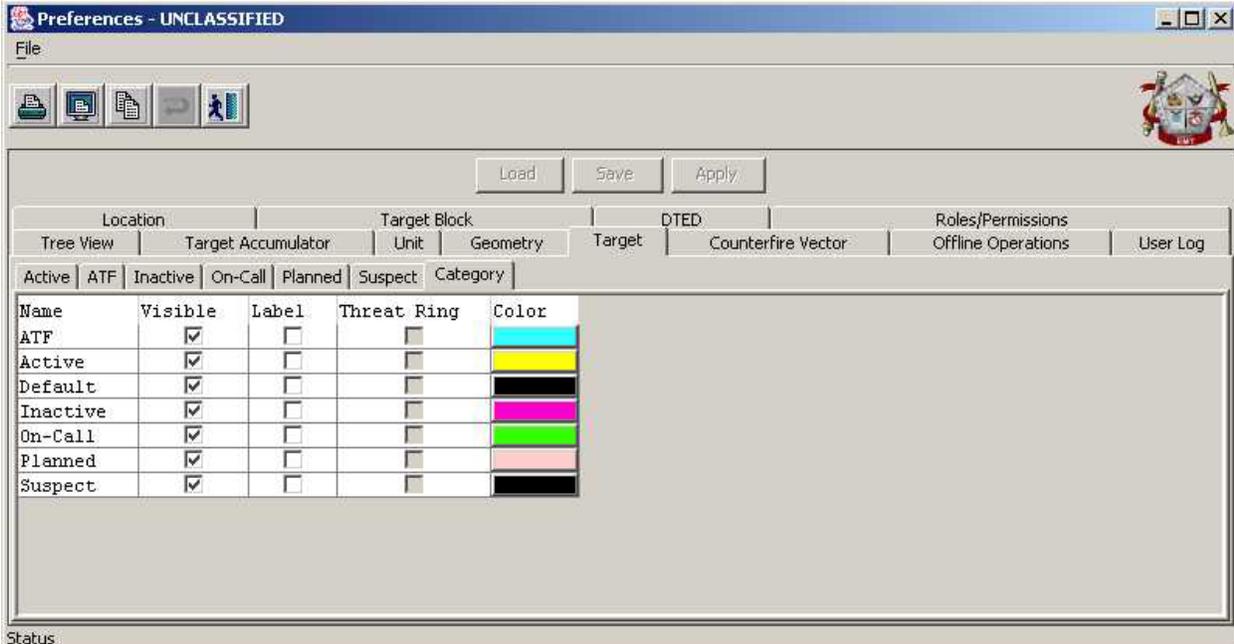
User Preferences		
Step	Action	Result/Explanation
		
f.	Target Accumulator	Allows the user to determine whether to accumulate Inactive targets for further tracking/use or allow them to delete. If the user enables the accumulator, Inactive targets are accumulated and made available based upon the selection of the Accumulation Cutoff Time.
		
1)	To enable the Target Accumulator, click the checkbox next to the Enable Target Accumulation for Inactive Targets .	

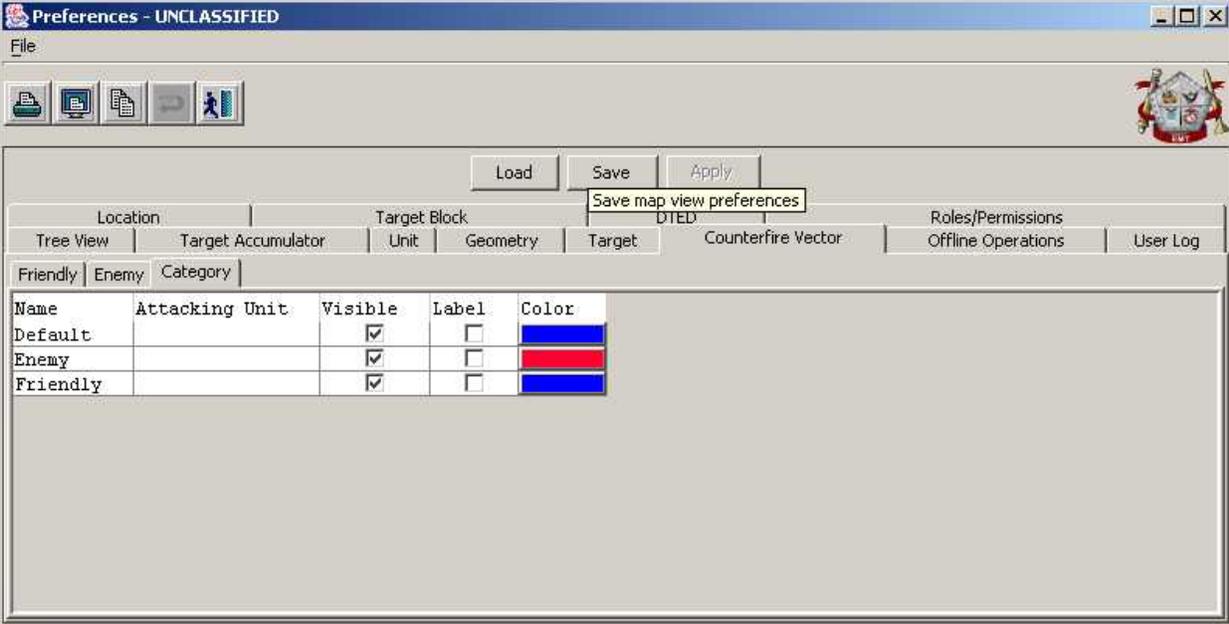
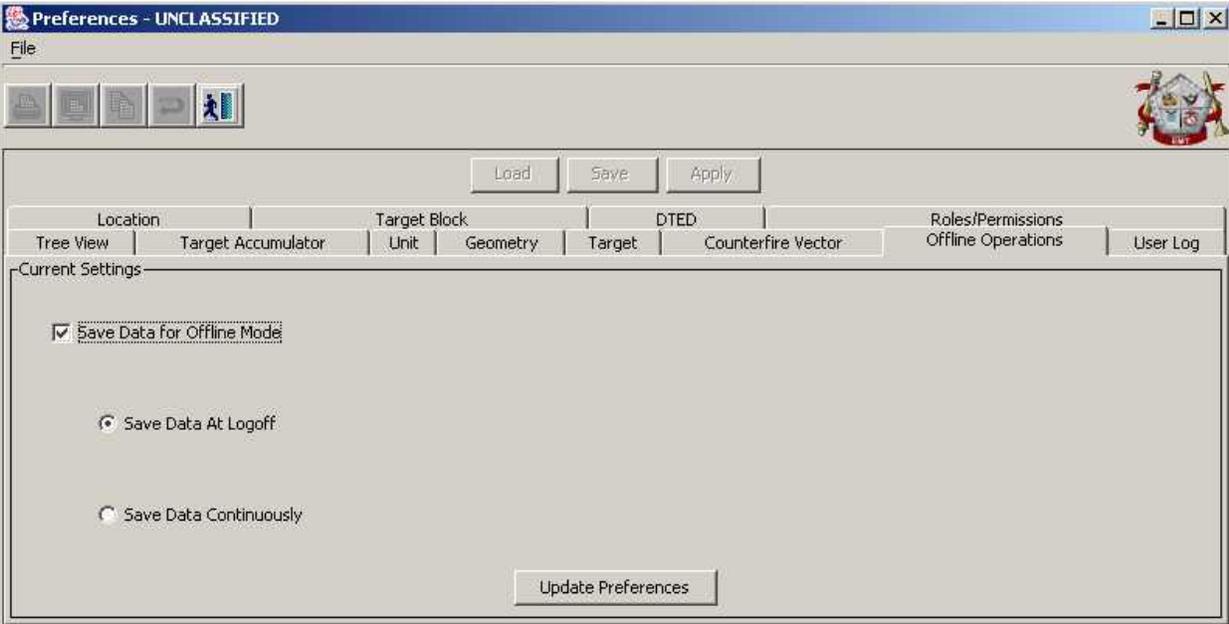
User Preferences		
Step	Action	Result/Explanation
2)	Enter the desired accumulation time.	The accumulation time can be set one of three ways: <ul style="list-style-type: none"> • Entering the Hours:Min in the window area provided. • Use the slide bar. Click and drag the slider bar. • Use the keyboard < or > keys to step the accumulator in 15-minute increments.
g.	Unit	Lists the different Units that are available for viewing. Provides the editable options: Visible , Label , Range Fan , Color , and Icon Size .



1)	Select the desired tab for units within a category or select the Category tab to edit categories.	Click the Apply button for changes to take effect. NOTE: The changes will only apply to the current session. For changes to apply to all subsequent sessions the Save button must be depressed and the session changes saved.
h.	Geometry	Lists the different Geometries that are available for viewing. Provides the editable options: Visible , Label , Bold , and Color .

User Preferences

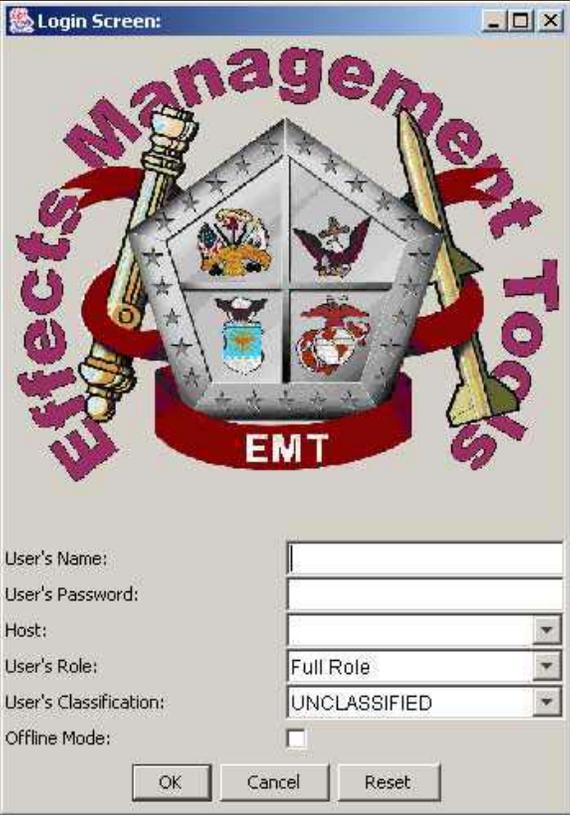
Step	Action	Result/Explanation																																																												
	 <p>File</p> <p>Load Save Apply</p> <p>Location Target Block DTED Roles/Permissions</p> <p>Tree View Target Accumulator Unit Geometry Target Counterfire Vector Offline Operations User Log</p> <p>Battle Areas Boundaries FSCM & Target Areas Movement NBC Sensor Zones Situation Enemy Category</p> <table border="1"> <thead> <tr> <th>Name</th> <th>Type</th> <th>Visible</th> <th>Label</th> <th>Bold</th> <th>Color</th> </tr> </thead> <tbody> <tr> <td>Battle Areas</td> <td></td> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td></td> </tr> <tr> <td>Boundaries</td> <td></td> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td></td> </tr> <tr> <td>Default</td> <td></td> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td></td> </tr> <tr> <td>Enemy</td> <td></td> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td></td> </tr> <tr> <td>FSCM & Target Areas</td> <td></td> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td></td> </tr> <tr> <td>Movement</td> <td></td> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td></td> </tr> <tr> <td>NBC</td> <td></td> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td></td> </tr> <tr> <td>Sensor Zones</td> <td></td> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td></td> </tr> <tr> <td>Situation</td> <td></td> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td></td> </tr> </tbody> </table> <p>New data is available, press Refresh to update...</p>	Name	Type	Visible	Label	Bold	Color	Battle Areas		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		Boundaries		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		Default		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		Enemy		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		FSCM & Target Areas		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		Movement		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		NBC		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		Sensor Zones		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		Situation		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Name	Type	Visible	Label	Bold	Color																																																									
Battle Areas		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>																																																										
Boundaries		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>																																																										
Default		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>																																																										
Enemy		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>																																																										
FSCM & Target Areas		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>																																																										
Movement		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>																																																										
NBC		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>																																																										
Sensor Zones		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>																																																										
Situation		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>																																																										
1)	Select the desired tab for geometries within a category or select the Category tab to edit categories.	Click the Apply button for changes to take effect. NOTE: The changes will only apply to the current session. For changes to apply to all subsequent sessions the Save button must be depressed and the session changes saved.																																																												
i.	Target	Lists the different Targets. Provides the editable options: Visible, Label, and Color.																																																												
	 <p>File</p> <p>Load Save Apply</p> <p>Location Target Block DTED Roles/Permissions</p> <p>Tree View Target Accumulator Unit Geometry Target Counterfire Vector Offline Operations User Log</p> <p>Active ATF Inactive On-Call Planned Suspect Category</p> <table border="1"> <thead> <tr> <th>Name</th> <th>Visible</th> <th>Label</th> <th>Threat Ring</th> <th>Color</th> </tr> </thead> <tbody> <tr> <td>ATF</td> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td></td> </tr> <tr> <td>Active</td> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td></td> </tr> <tr> <td>Default</td> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td></td> </tr> <tr> <td>Inactive</td> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td></td> </tr> <tr> <td>On-Call</td> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td></td> </tr> <tr> <td>Planned</td> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td></td> </tr> <tr> <td>Suspect</td> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td></td> </tr> </tbody> </table> <p>Status</p>	Name	Visible	Label	Threat Ring	Color	ATF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		Active	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		Default	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		Inactive	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		On-Call	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		Planned	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		Suspect	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>																						
Name	Visible	Label	Threat Ring	Color																																																										
ATF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>																																																											
Active	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>																																																											
Default	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>																																																											
Inactive	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>																																																											
On-Call	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>																																																											
Planned	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>																																																											
Suspect	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>																																																											
1)	Select the Targets tab or select the Category tab to edit categories.	Click the Apply button for changes to take effect. NOTE: The changes will only apply to the current session. For changes to apply to all subsequent sessions the Save button must be depressed and the session changes saved.																																																												

User Preferences		
Step	Action	Result/Explanation
j.	Counterfire Vector	Allows the user to set the preferences for displaying Counterfire Vectors.
		
1)	Select the Friendly or Enemy tabs to edit a specific Counterfire Vector or select the Category tab to edit categories.	Click the Apply button for changes to take effect. NOTE: The changes will only apply to the current session. For changes to apply to all subsequent sessions the Save button must be depressed and the session changes saved.
k.	Offline Operations	Allows the user to set preferences for Offline Operations .
		

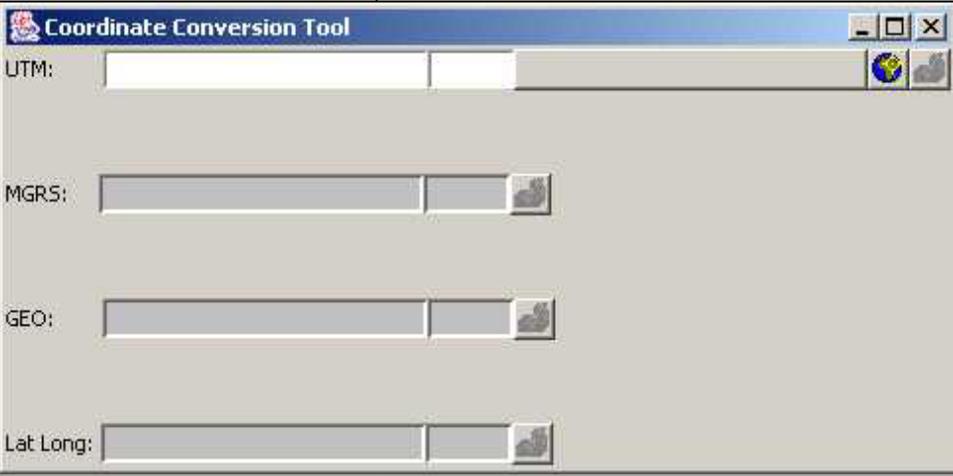
User Preferences		
Step	Action	Result/Explanation
1)	Click the Save Data for Offline Mode checkbox to enable the saving of data for later use in the Offline mode. After changes have been made, click the Update Preferences button.	NOTE: Data can be saved either "At Logoff" or "Continuously."
I.	User Log	Allows the user to set Alert and Sound preferences for actions within the EMT Client.
1)	Click the desired Alerts or Sound notification desired.	The visual alerts and sound alerts the user selected will become effective immediately.

3019. Coordinate Conversion Tool

Coordinate Conversion Tool

Step	Action	Result/Explanation
This Procedure defines the steps for using the Effects Management Tools (EMT) Coordinate Conversion Tool .		
1.	Start the EMT client on C2PC.	
a.	From the C2PC Workstation select Tools EMT . NOTE: If EMT is not displayed in the list under the Tools option, select the Injector Manager option and ensure that the EMT checkbox is checked.	The Effects Management Tools (EMT) software starts and the Login Screen window opens. NOTE: The Login Screen window takes approximately one minute to display.
		
2.	Define the AFATDS server	
a.	In the Host field, type the hostname of the AFATDS server.	The hostname is the name assigned to the AFATDS workstation when software is initially loaded. The server name appears before the prompt in a Unix xterm window and is also known as the COE name. To verify correct entries ping the AFATDS Server by IP and hostname after changing host file.
b.	Select the User's Role .	Settings for the User's Role can be set in the Preference table [Fire Support Utilities Preferences] to enable or disable specific features/functionality's for each designated user's role.
3.	Login	
4.	Click the User's Name field and type the username.	

Coordinate Conversion Tool

Step	Action	Result/Explanation
5.	Click the User's Password field and type the password.	
6.	Click the OK button.	A screen of changing pictures displays as data loads from the server to the client. A message is displayed at the bottom left hand corner of the window stating, " Login in Progress, Please Wait! " This message should change to Login Successful! after approximately one minute, and the screen will disappear.
		
7.	On the Main Menu Bar select Fire Support Coordinate Conversion Tool .	The Coordinate Conversion Tool window opens.
		
8.	Click the  icon.	The Coordinate Conversion Tool window falls behind the C2PC map window and the cursor becomes an arrow and square with an X on the C2PC map.
9.	Click on the desired location that coordinate conversion is desired.	The Coordinate Conversion Tool window reappears with the three grid location conversions indicated.
10.	To close the Coordinate Conversion Tool window, click the X in the upper right hand corner of the Coordinate Conversion Tool window.	The Coordinate Conversion Tool window closes.

3020. Display Whiteboard Toolbox [See Section 3015.3]

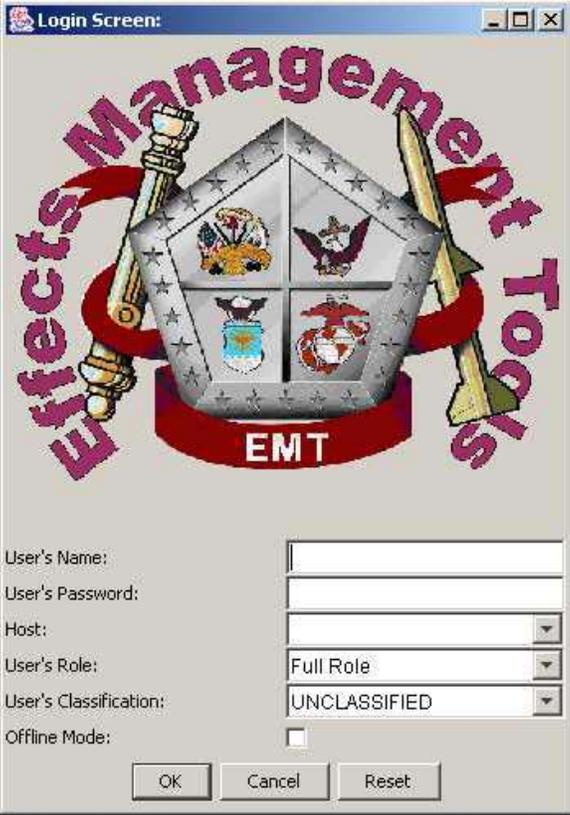
3021. Collaboration Tools

Additional Information: The Collaborative Tools Suite provides the Warfighter the ability to exchange thoughts, ideas, and coordination requests between the Effects Management Tool quickly and easily. By establishing channels, a number of Effects Management Tools can be linked together. The Collaborative Tools can be used to discuss future courses of action (CHAT), planning using maps and the drawing tools (Whiteboarding, Chat, and/or Map Synchronization), coordination of a target or other mission (coordination capability), etc.

Collaboration: Collaboration is only done with those clients connected to the same server. Collaboration cannot be done across servers – clients connected to different servers.

3021.1 Collaboration Channels

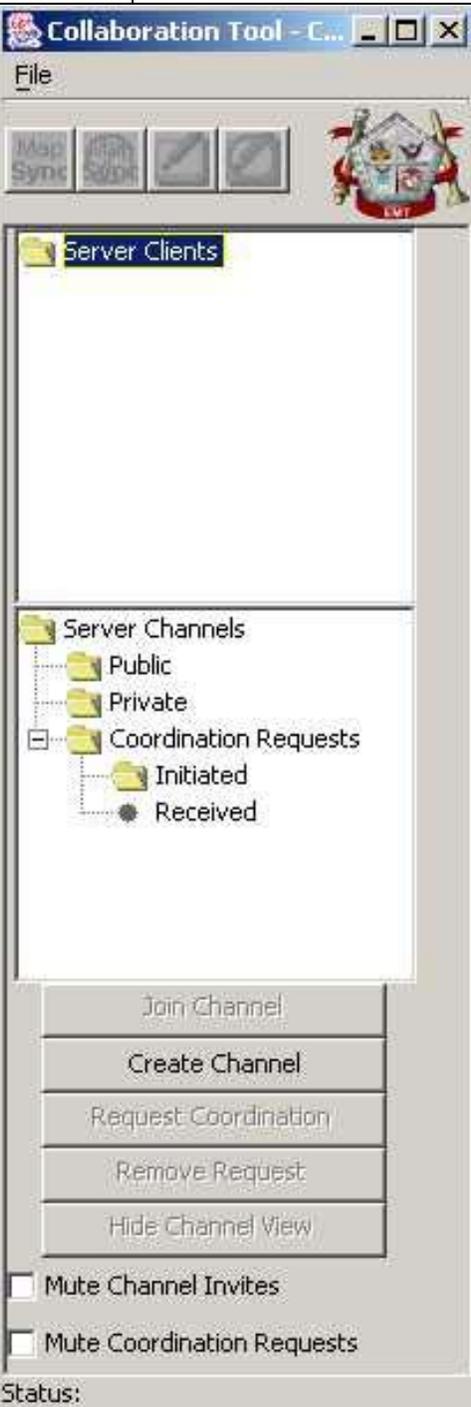
Collaboration Channels

Step	Action	Result/Explanation
Function: This task defines the steps for using the Collaboration Tools – Collaboration Channels.		
1.	Start the EMT client on C2PC.	
a.	From the C2PC Workstation select Tools EMT . NOTE: If EMT is not displayed in the list under the Tools option, select the Injector Manager option and ensure that the EMT checkbox is checked.	The Effects Management Tools (EMT) software starts and the Login Screen window opens. NOTE: The Login Screen window takes approximately one minute to display.
		
2.	Define the AFATDS server	

Collaboration Channels

Step	Action	Result/Explanation
a.	In the Host field, type the hostname of the AFATDS server.	The hostname is the name assigned to the AFATDS workstation when software is initially loaded. The server name appears before the prompt in a Unix xterm window and is also known as the COE name. To verify correct entries ping the AFATDS Server by IP and hostname after changing host file.
b.	Select the User’s Role .	Settings for the User’s Role can be set in the Preference table [Fire Support Utilities Preferences] to enable or disable specific features/functionality’s for each designated user’s role.
3.	Login	
4.	Click the User’s Name field and type the username.	
5.	Click the User’s Password field and type the password.	
6.	Click the OK button.	A screen of changing pictures displays as data loads from the server to the client. A message is displayed at the bottom left hand corner of the window stating, “ Login in Progress, Please Wait! ” This message should change to Login Successful! after approximately one minute, and the screen will disappear.
		
7.	From the Main Menu Bar select Fire Support Utilities Collaboration .	The Collaboration Tool window opens.

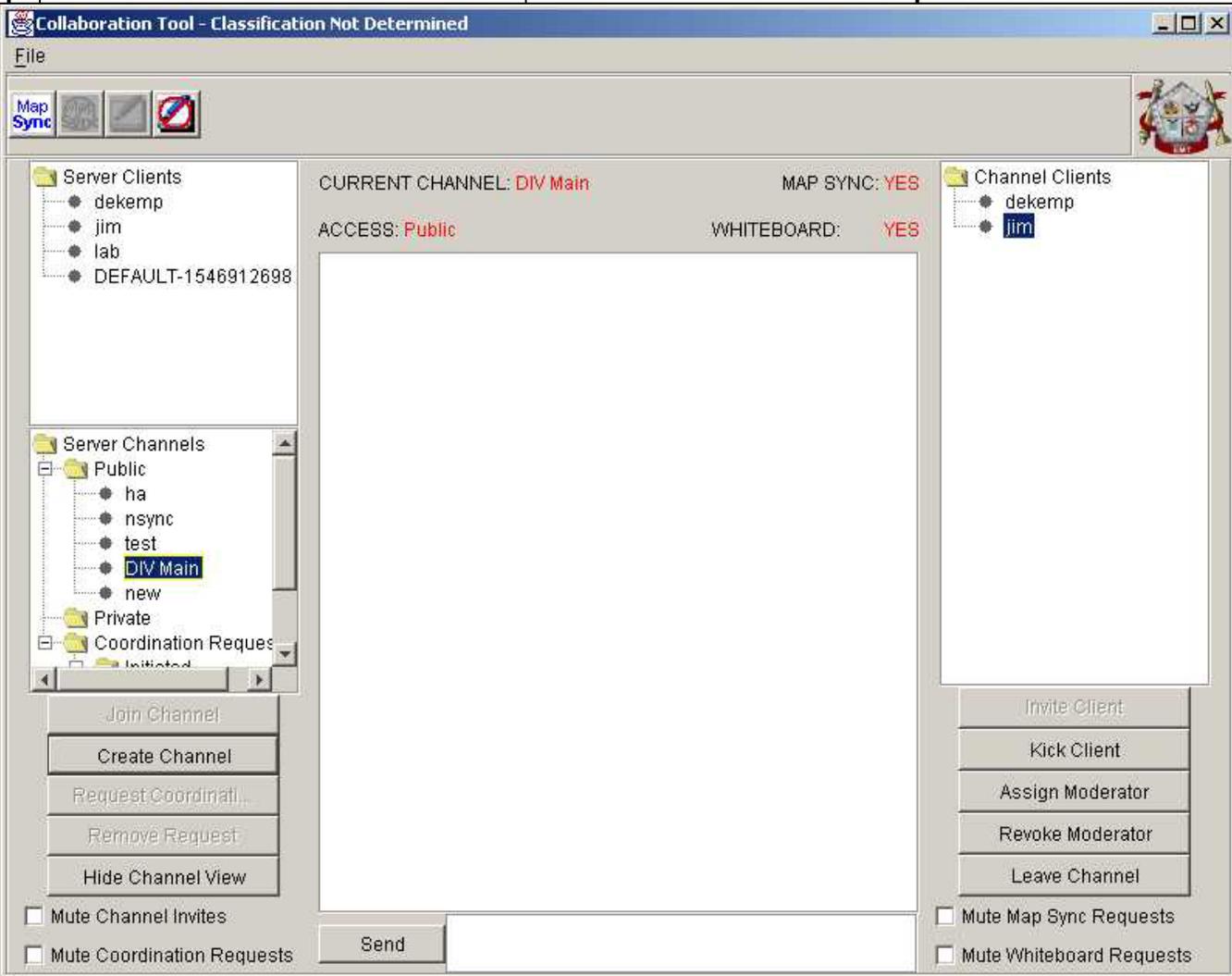
Collaboration Channels

Step	Action	Result/Explanation
		 <p>The screenshot shows a window titled "Collaboration Tool - C...". It features a menu bar with "File", a toolbar with icons for "Map Sync", "Map", and "Send", and a main content area. The content area is divided into two sections: "Server Clients" (currently empty) and "Server Channels". The "Server Channels" section displays a tree view with the following structure:</p> <ul style="list-style-type: none"> Server Channels <ul style="list-style-type: none"> Public Private Coordination Requests <ul style="list-style-type: none"> Initiated Received <p>Below the tree view is a vertical stack of buttons: "Join Channel", "Create Channel", "Request Coordination", "Remove Request", and "Hide Channel View". At the bottom, there are two checkboxes: "Mute Channel Invites" and "Mute Coordination Requests", both of which are currently unchecked. A "Status:" label is visible at the very bottom of the interface.</p>
8.	To create a chat channel click on the Create Channel button.	The Create Channel window opens.

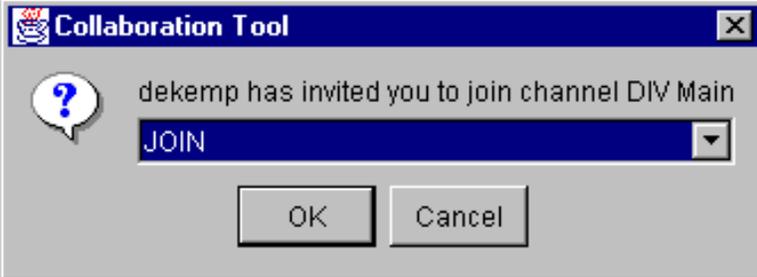
Collaboration Channels

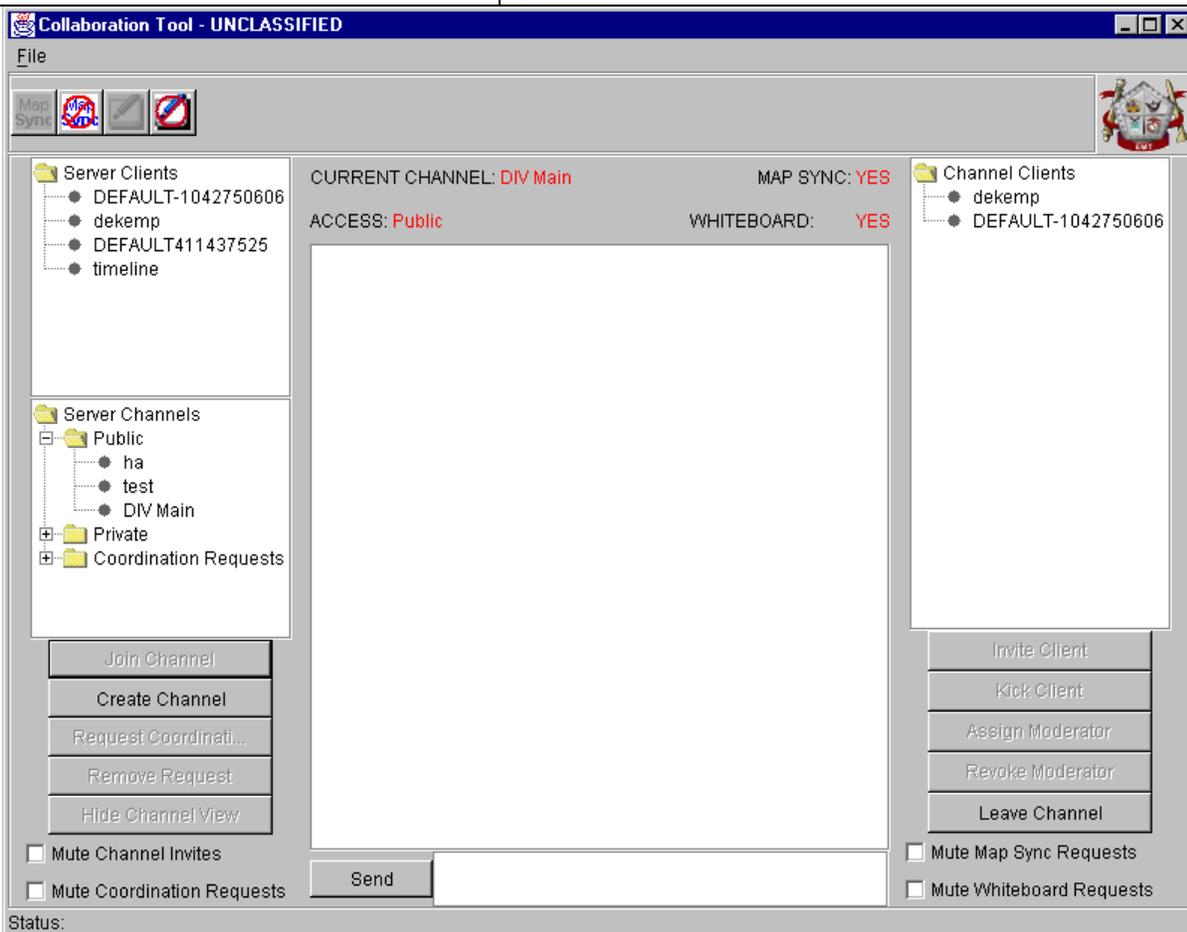
Step	Action	Result/Explanation
		
	<p>To make the channel private click on the down arrow on the Channel access. By selecting Private the user creates a private channel in which access is restricted too only those who are invited to join by the moderator of the chat session.</p>	
<p>9.</p>	<p>Enter a name for the Collaboration Channel and click OK.</p>	<p>The Collaboration Tool window opens and provides the user with a chat window as well as options to invite, expel (Kick), assign moderator, revoke moderator and leave the chat session.</p>
<p>NOTE: When establishing a Collaboration Channel the operator has the option to enable/disable Whiteboarding and Map Synchronization for that channel using the checkbox options. Both Whiteboarding and Map Synchronization can be started and stopped on any given channel using the     icons, respectively.</p>		

Collaboration Channels

Step	Action	Result/Explanation
		<p>NOTE: Only the available options for a given channel are darkened in. All non-available options are grayed out.</p>
<p>10.</p>	<p>To invite another client to the chat session, highlight the desired client, on the left side, in the Server Client section of the Collaboration Tool window. Click the Invite Client button. NOTE: This is why it is important to use descriptive names for identification when setting up client users in the Client/User Administration window. For example, who is “afatds02” vice using “bde1main” or “bn2tac” etc.</p>	<p>Whether the “invitee’s” Collaboration Tool window is open or not the “invitee” is presented with a Collaboration Tool invitation window.</p>

Collaboration Channels

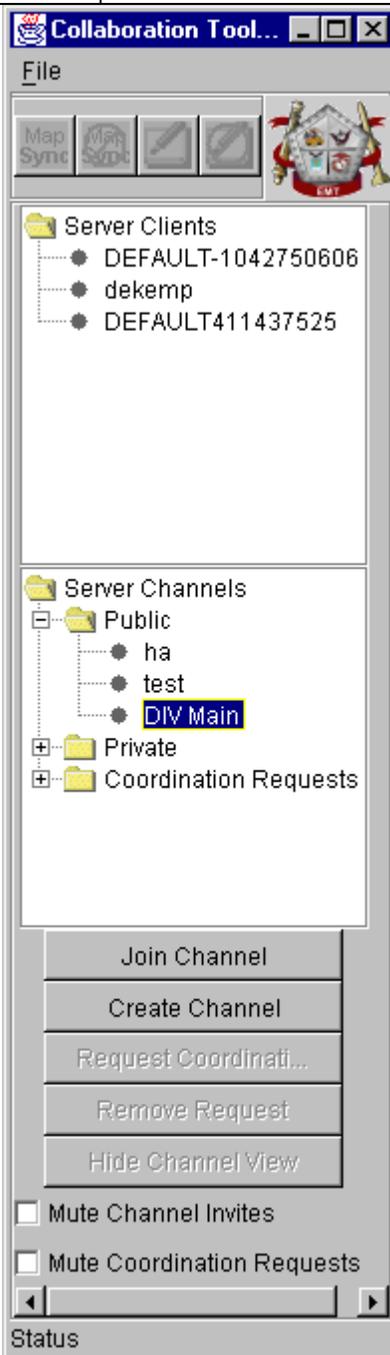
Step	Action	Result/Explanation
		
a.	Click OK to join.	The Collaboration Tool window opens similar to the window opened in Step 10. A chat session may begin.
b.	Click Cancel to decline.	The Collaboration Tool invitation window closes. The “requester” receives no notification the chat invitation was declined.
11.	To join the collaboration session, click the OK button.	The Collaboration Tool window indicates both clients are chatting on the right side of the window under the Channel Clients .



12.	To “Chat”, enter text in the space provided next to the Send button. When desired text is complete click the Send button to send the message.	At each of the clients’ Collaboration Tool window, the message will appear in the upper portion of the window.
-----	---	---

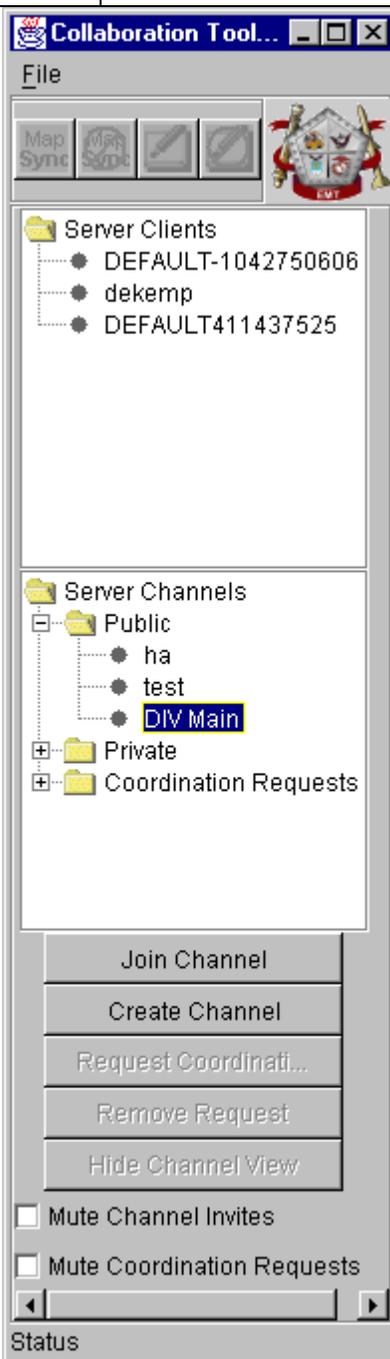
Collaboration Channels

Step	Action	Result/Explanation
13.	To stop map synchronization, click the  icon.	The  icon now becomes available.
14.	To stop a whiteboarding session, click the  icon. NOTE: Whiteboarding will be discussed further in section 3021.3 .	The  icon now becomes available.
15.	To leave a “Chat” session, click the Leave Channel button on the Collaboration Tool window.	The Collaboration Tool window returns to only the left side information available.



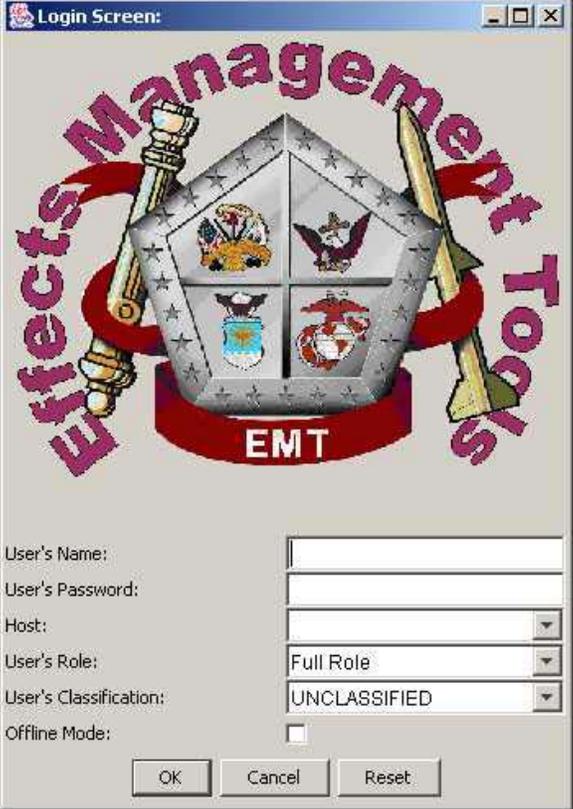
Collaboration Channels

Step	Action	Result/Explanation
16.	To Expel a client that has been invited or has joined, the moderator selects the client to be expelled in the Collaboration Information window under the Channel Clients section and clicks the Kick Client button.	The client selected is removed from the chat session. The expelled client’s Collaboration Tool window closes the chat session and only displays the information on the left side of the window.



3021.2 Coordination Request

Coordination Request

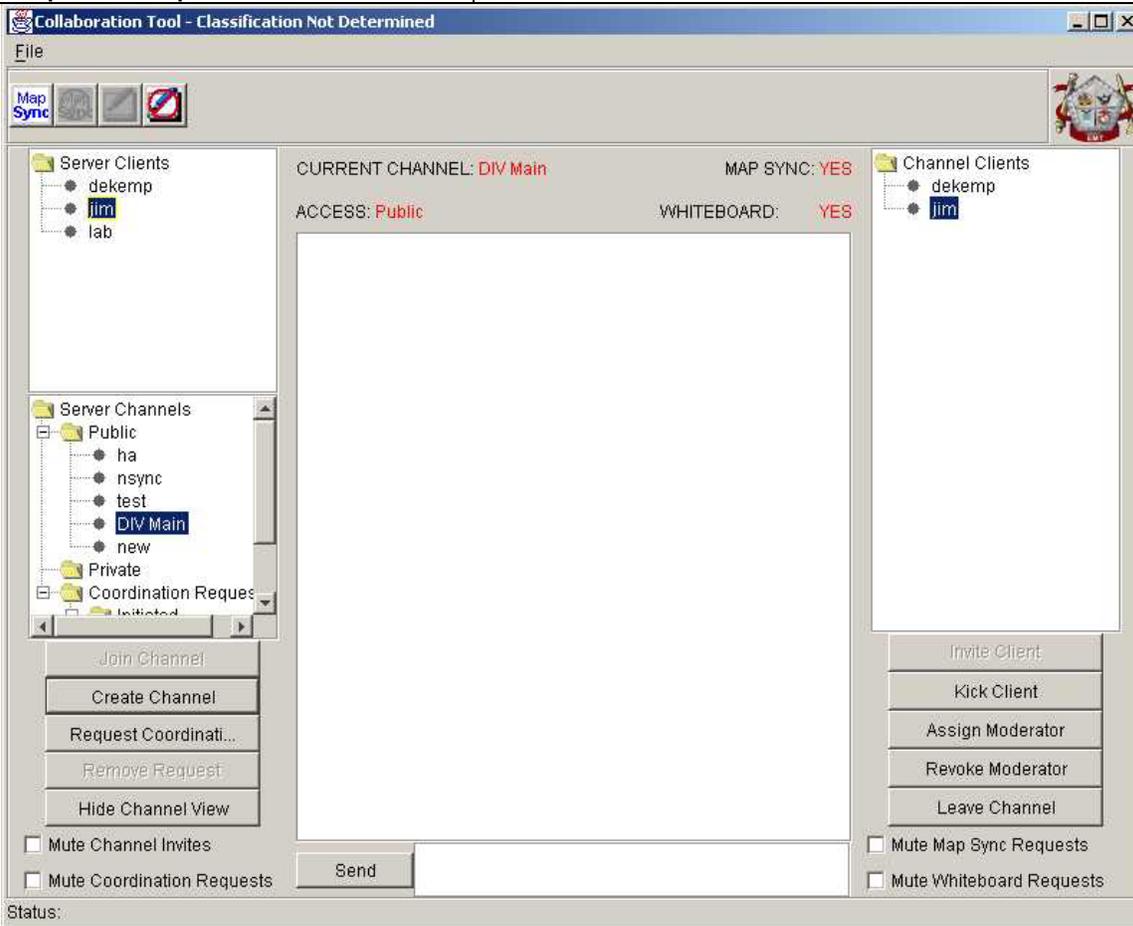
Step	Action	Result/Explanation
Function: This task defines the steps for using the Collaboration Tools – Coordination Channels.		
1.	Start the EMT client on C2PC.	
a.	From the C2PC Workstation select Tools EMT . NOTE: If EMT is not displayed in the list under the Tools option, select the Injector Manager option and ensure that the EMT checkbox is checked.	The Effects Management Tools (EMT) software starts and the Login Screen window opens. NOTE: The Login Screen window takes approximately one minute to display.
		
2.	Define the AFATDS server	
a.	In the Host field, type the hostname of the AFATDS server.	The hostname is the name assigned to the AFATDS workstation when software is initially loaded. The server name appears before the prompt in a Unix xterm window and is also known as the COE name. To verify correct entries ping the AFATDS Server by IP and hostname after changing host file.
b.	Select the User’s Role .	Settings for the User’s Role can be set in the Preference table [Fire Support Utilities Preferences] to enable or disable specific features/functionality’s for each designated user’s role.
3.	Login	
4.	Click the User’s Name field and type the username.	
5.	Click the User’s Password field and type the password.	

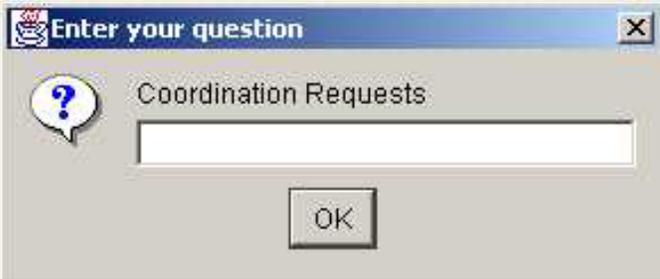
Coordination Request

Step	Action	Result/Explanation
6.	Click the OK button.	A screen of changing pictures displays as data loads from the server to the client. A message is displayed at the bottom left hand corner of the window stating, “ Login in Progress, Please Wait! ” This message should change to Login Successful! after approximately one minute, and the screen will disappear.



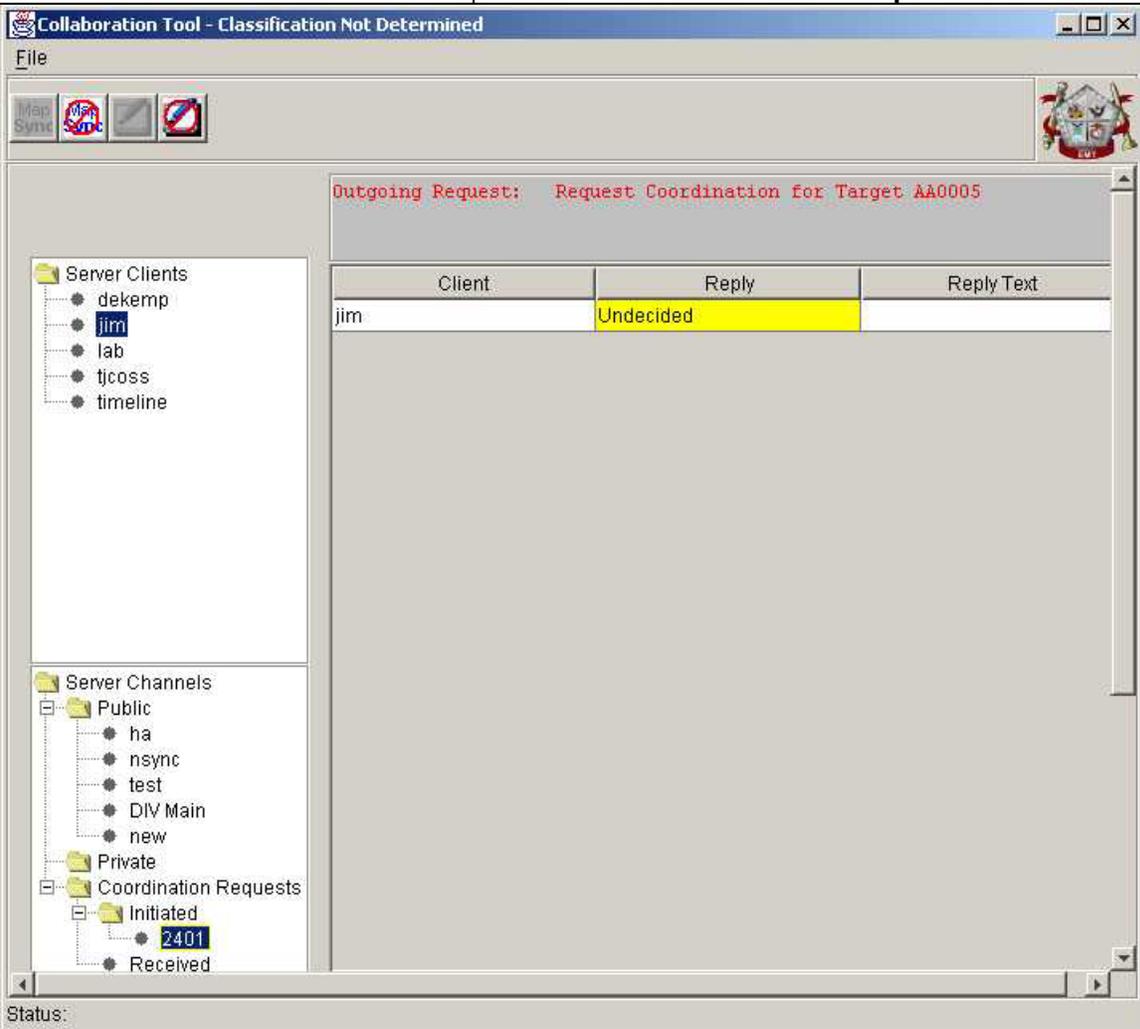
7.	From the Main Menu Bar select Fire Support Utilities Collaboration .	The Collaboration Information window opens.
----	--	--



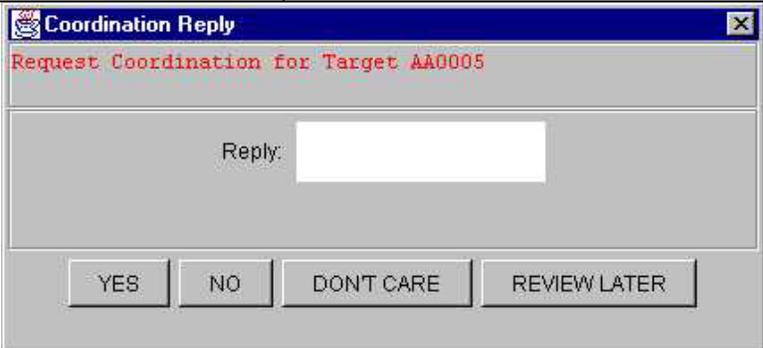
Coordination Request		
Step	Action	Result/Explanation
8.	To request coordination of some target, event, mission, etc. If channel has not been created, create a channel, as indicated in section 3021.1 above, otherwise; select a client from the left side of the window under Server Clients, to send the request to and click on the client desired.	The client selected will highlight.
9.	Click the Request Coordination button.	The Enter your question window opens and provides the user with an area to make request.
		
10.	Enter the request in the area provided.	
		
11.	Click the OK button.	The Enter your question window closes and the request is sent to the selected client.
12.	Your Collaboration Tool window will display a yellow Undecided line with the request listed at the top of the window.	

Coordination Request

Step	Action	Result/Explanation
------	--------	--------------------

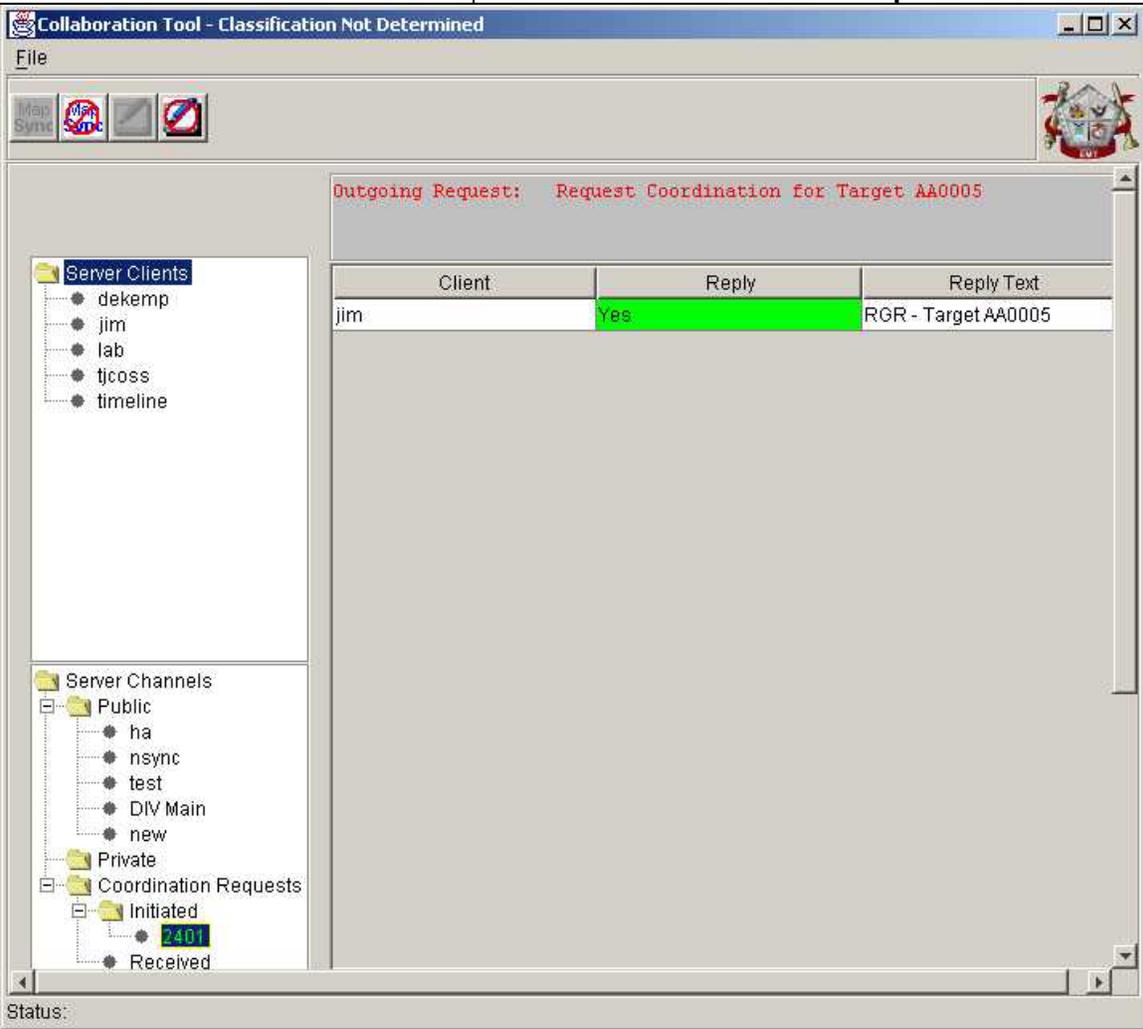


13.	The selected client is presented with a Coordination Reply window.	
-----	---	--

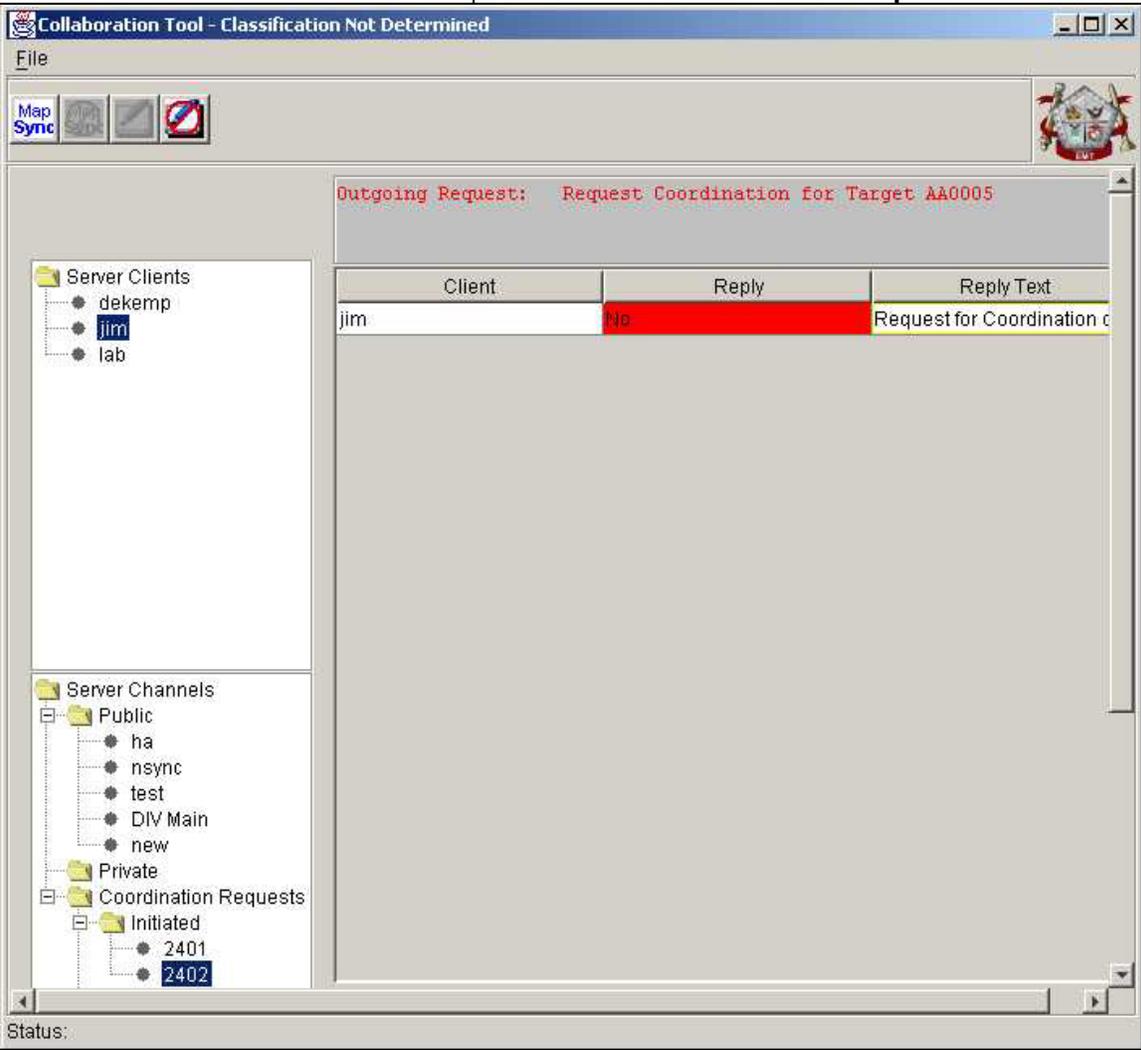


14.	Enter the reply and answer. A YES creates a green YES line in the requester’s Collaboration Tool window.	
-----	---	--

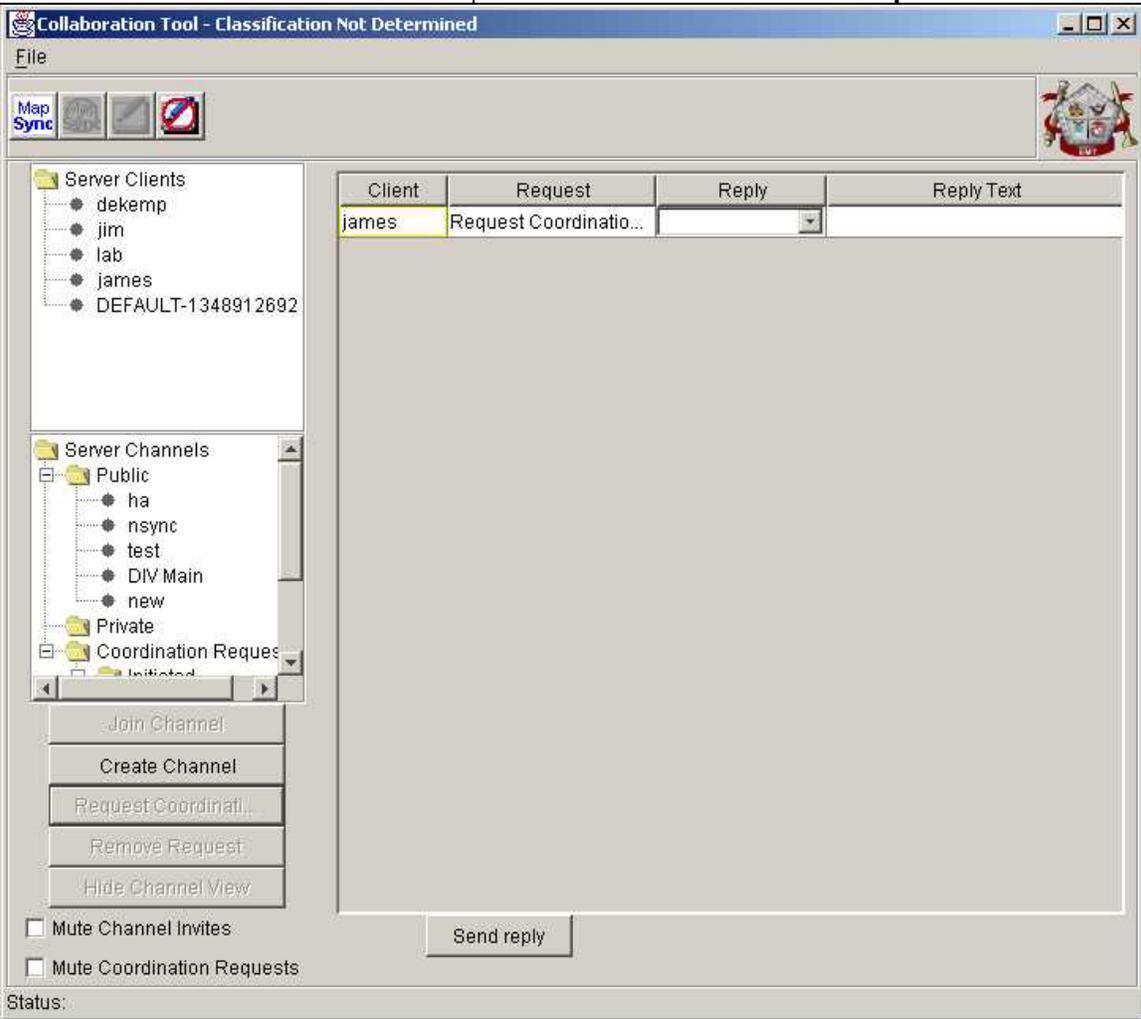
Coordination Request

Step	Action	Result/Explanation						
	 <p>The screenshot shows the 'Collaboration Tool' window. At the top, it says 'Outgoing Request: Request Coordination for Target AA0005'. Below this is a table with the following data:</p> <table border="1"> <thead> <tr> <th>Client</th> <th>Reply</th> <th>Reply Text</th> </tr> </thead> <tbody> <tr> <td>jim</td> <td>Yes</td> <td>RGR - Target AA0005</td> </tr> </tbody> </table> <p>The 'Server Clients' list on the left includes: de Kemp, jim, lab, tjross, and timeline. The 'Server Channels' tree on the bottom left includes: Public (ha, nsync, test, DIV Main, new), Private, Coordination Requests (Initiated, Received).</p>	Client	Reply	Reply Text	jim	Yes	RGR - Target AA0005	
Client	Reply	Reply Text						
jim	Yes	RGR - Target AA0005						
15.	<p>Enter the reply and answer. A NO creates a red NO line in the requester’s Collaboration Tool window.</p>							

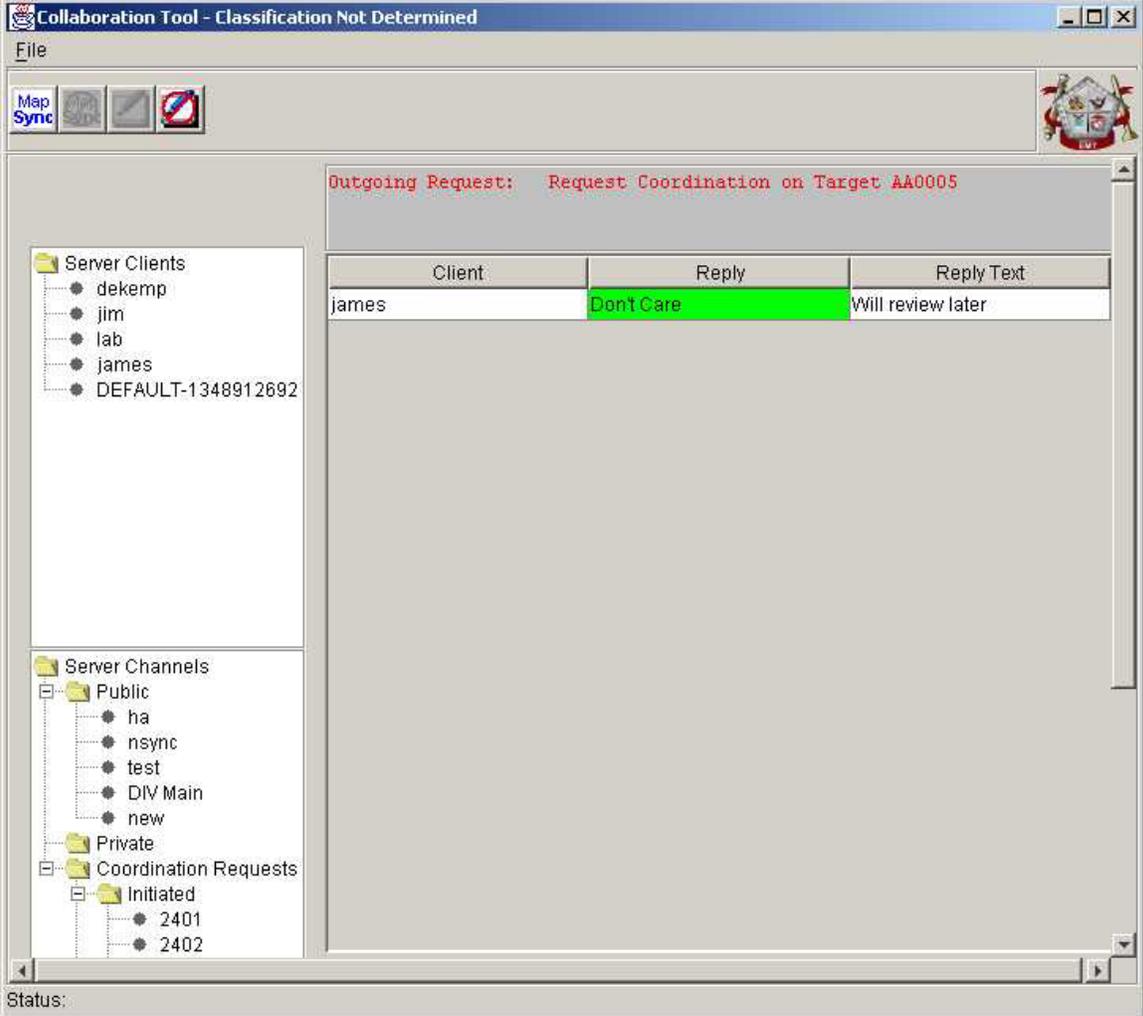
Coordination Request

Step	Action	Result/Explanation						
	 <p>The screenshot shows the 'Collaboration Tool' window. On the left, there are two tree views: 'Server Clients' and 'Server Channels'. Under 'Server Clients', 'jim' is selected. Under 'Server Channels', 'Coordination Requests' is expanded, and '2402' is selected. The main area displays an 'Outgoing Request: Request Coordination for Target AA0005'. Below this is a table with the following data:</p> <table border="1"> <thead> <tr> <th>Client</th> <th>Reply</th> <th>Reply Text</th> </tr> </thead> <tbody> <tr> <td>jim</td> <td>No</td> <td>Request for Coordination c</td> </tr> </tbody> </table>	Client	Reply	Reply Text	jim	No	Request for Coordination c	
Client	Reply	Reply Text						
jim	No	Request for Coordination c						
<p>16.</p>	<p>If Review Later is selected the “Requester” receives no notification and the “Requestee” has the Coordination Request listed in the Collaboration Tool window.</p>							

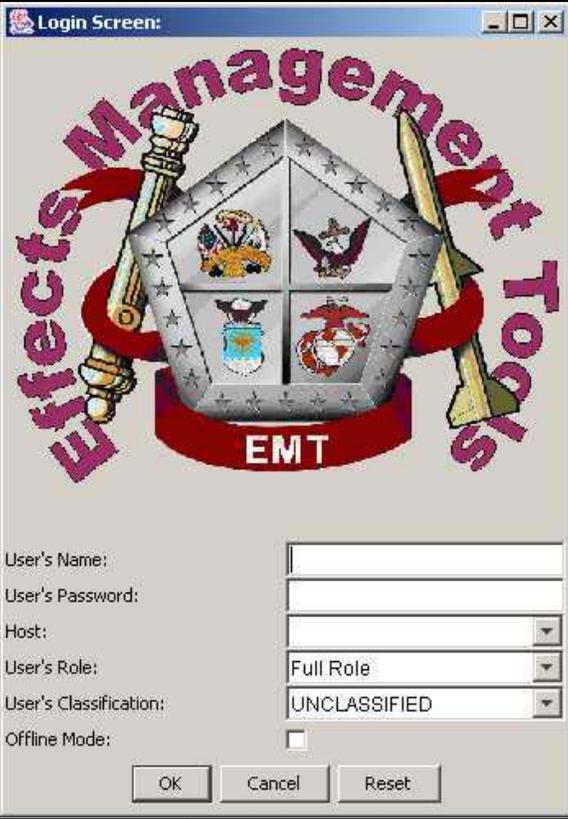
Coordination Request

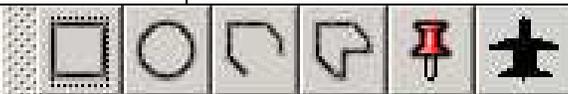
Step	Action	Result/Explanation
		
17.	<p>Reply options are: YES, NO, or Don't Care. Select the desired reply, enter any desired text in the Reply Text field and click on the Send Reply button.</p>	<p>NOTE: A “Don't Care” response also gives the “Requester” a green window with the words Don't Care in it.</p>

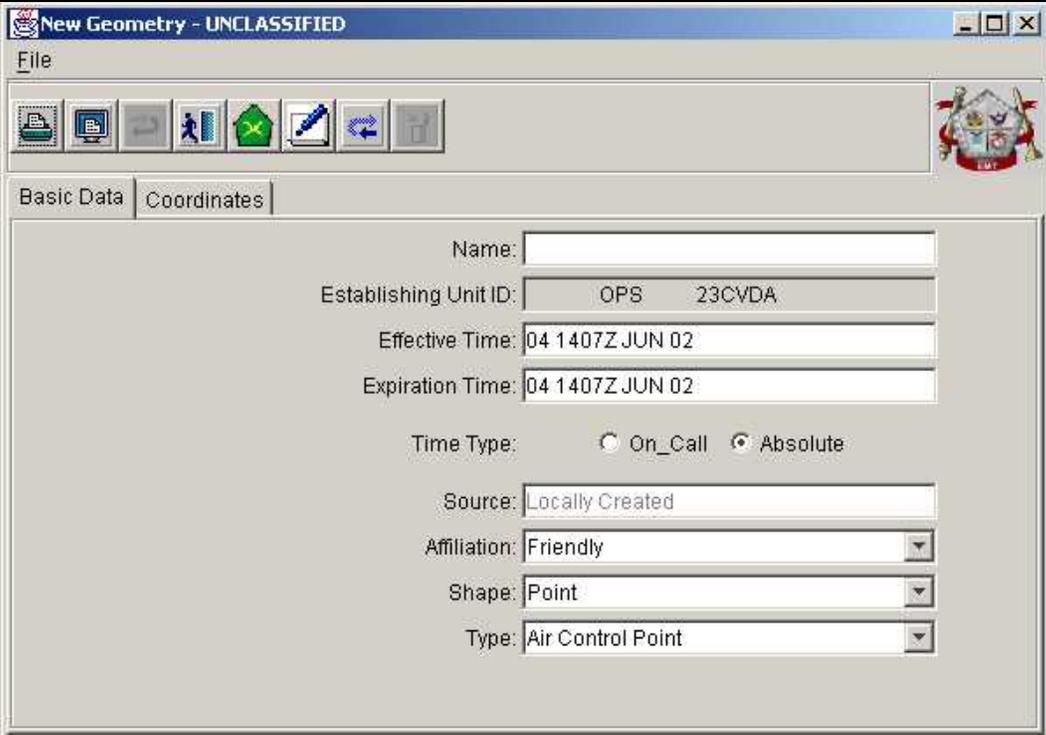
Coordination Request

Step	Action	Result/Explanation						
	 <p>The screenshot shows the 'Collaboration Tool' window. At the top, it says 'Outgoing Request: Request Coordination on Target AA0005'. Below this is a table with the following data:</p> <table border="1"> <thead> <tr> <th>Client</th> <th>Reply</th> <th>Reply Text</th> </tr> </thead> <tbody> <tr> <td>james</td> <td>Don't Care</td> <td>Will review later</td> </tr> </tbody> </table> <p>The left sidebar shows 'Server Clients' (dekemp, jim, lab, james, DEFAULT-1348912692) and 'Server Channels' (Public: ha, nsync, test, DIV Main, new; Private; Coordination Requests: Initiated: 2401, 2402).</p>	Client	Reply	Reply Text	james	Don't Care	Will review later	
Client	Reply	Reply Text						
james	Don't Care	Will review later						
18.	<p>Once an answer is received back a the “Requester’s Collaboration Tool window The Coordination Request session is complete.</p>	<p>No further action is necessary. Click back on channel to resume further collaboration.</p>						

3021.3 Whiteboarding

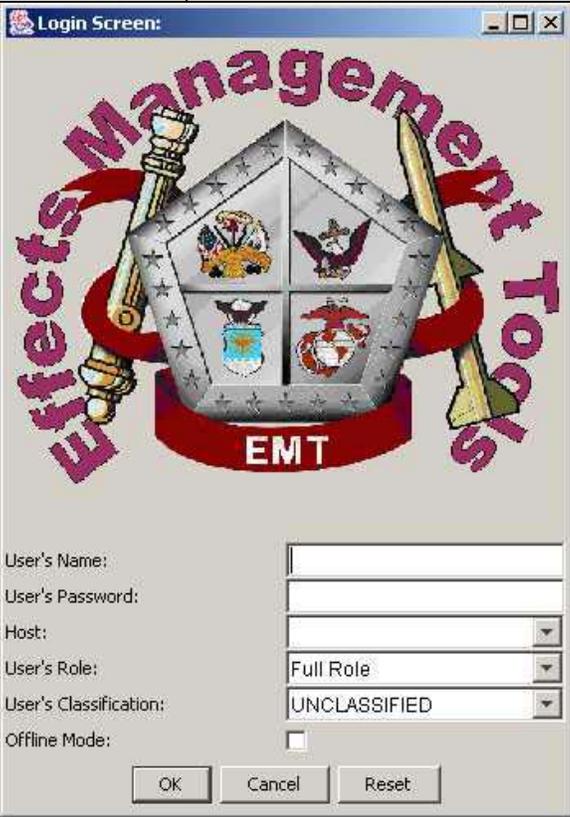
Whiteboarding		
Step	Action	Result/Explanation
Function: This task defines the steps for using the Collaboration Tools – Whiteboard Channels.		
1.	Start the EMT client on C2PC.	
a.	From the C2PC Workstation select Tools EMT . NOTE: If EMT is not displayed in the list under the Tools option, select the Injector Manager option and ensure that the EMT checkbox is checked.	The Effects Management Tools (EMT) software starts and the Login Screen window opens. NOTE: The Login Screen window takes approximately one minute to display.
		
2.	Define the AFATDS server	
a.	In the Host field, type the hostname of the AFATDS server.	The hostname is the name assigned to the AFATDS workstation when software is initially loaded. The server name appears before the prompt in a Unix xterm window and is also known as the COE name. To verify correct entries ping the AFATDS Server by IP and hostname after changing host file.
b.	Select the User's Role .	Settings for the User's Role can be set in the Preference table [Fire Support Utilities Preferences] to enable or disable specific features/functionalities for each designated user's role.
3.	Login	
4.	Click the User's Name field and type the username.	
5.	Click the User's Password field and type the password.	

Whiteboarding		
Step	Action	Result/Explanation
6.	Click the OK button.	A screen of changing pictures displays as data loads from the server to the client. A message is displayed at the bottom left hand corner of the window stating, " Login in Progress, Please Wait! " This message should change to Login Successful! after approximately one minute, and the screen will disappear.
		
7.	From the Main Menu Bar select Fire Support Utilities Collaboration . Establish a collaboration channel as indicated in 3021.1 above. Ensure the Whiteboard checkbox is checked.	The Collaboration Tool window opens.
<p>NOTE: Whiteboard Collaboration allows users in different locations to share visual ideas with each other by utilizing the EMT's drawing tools. However, instead of drawing objects in a blank space the EMT allows users to render shapes directly on the tactical map. This feature is specifically helpful to coordinate the location of future geometries or Fire Support Coordination Measures (FSCM).</p>		
8.	Click on Fire Support Utilities Display Whiteboard Toolbox on the Main Menu Bar to open the Whiteboard Toolbox .	The Whiteboard Toolbox opens on top of the EMT filter button icons of the C2PC Map and displays the available drawing tools for whiteboarding. NOTE: The Whiteboard Toolbox can be moved from the top of the C2PC Map by left mouse button click and hold, then drag the toolbox to the desired location. Release the left mouse button.
		
a.	Click on the  button for rectangle shape.	Used to create No Fire Area (NFA) , Platoon Area Hazard (PAH) , General Area
b.	Click on the  button for circle shape.	Used to create Drop Zone , Restricted Fire Area (RFA) , Obstacle Area
c.	Click on the  button for a polyline shape.	Used to create Minefield Line , Phase Line , Restricted Fire Line
d.	Click on the  button for a polygon shape.	Used to create Zone of Responsibility (ZOR) , Deep Battle Area (DBA) , Free Fire Area (FFA)
e.	Click on the  button for display a pinpoint location.	Used to create Checkpoint , Contact Point , Control Point
f.	Click on the  button for Air Corridor drawing.	Used to create Air Corridor geometry.

Whiteboarding		
Step	Action	Result/Explanation
<p>NOTE: The function of geometries can take a variety of shapes in the Effects Management Tool (EMT). A Free Fire Area (FFA) can be a square, circle, or a polygon depending upon need. A Boundary Line can be either a line or a polyline. However, a FFA can not be a line and a Boundary Line can not be a circle. The EMT shows all of the valid options for a particular shape during the creation of a geometry. In addition to these general shapes that can be created, several specialized lines can also be used. These include the Forward Line of Own Troops (FLOT), Line of Departure/Line of Contact, Coordinated Fire Line (CFL), Fire Support Coordination Line (FSCL), Axis of Advance, Main Attack, and Feint drawing tools. These lines have specific looks to rapidly identify them on the map display.</p>		
9.	<p>If, for example, a FLOT geometry is desired to represent a proposed FLOT in battle planning, click on the  button. Move the cursor on the map to the location where the beginning of the FLOT is desired and left mouse click to mark the beginning. Move the cursor to successive locations along the map to display the FLOT in future desired location. When complete right mouse click at the final point and the New Geometry window will open allowing the newly created geometry to be named and subsequently sent to AFATDS.</p>	<p>The "Whiteboard" FLOT will be created initially only on your map. When satisfied as to the location and size of the FLOT, when the geometry is deselected it will be displayed on the other client whiteboard map. NOTE: New Whiteboard objects or changes to existing Whiteboard objects will not be displayed on the receiving client if the receiving client has any objects selected on their map. All objects must be deselected in order for updates to be received. To correct or change a location segment, left mouse click and hold the button and move the cursor back to the previous black square segment starting point release the left mouse button and then immediately left mouse click again.</p>
<p>NOTE: Depending on the geometry type selected, if only two points are required for the particular geometry, when the second point is clicked the New Geometry window automatically opens.</p>		
		
10.	<p>Enter the following on the New Geometry window:</p>	

Whiteboarding		
Step	Action	Result/Explanation
a.	Type a unique name in the Name field.	AFATDS will not allow duplicate names for geometries of the same shape. For example, two areas or two points may not have the same name.
b.	Edit the Effective Time and Expiration Time . NOTE: Refer to section 3004 to use the Calendar/Time Tool.	These default to the time the window opens.
c.	Select the Affiliation	Default is Friendly
d.	Click the Shape field and select the desired shape.	The list found in the Type field changes based on the shape.
e.	Select the desired geometry Shape	An additional tab is displayed for RFA restrictions, ACA altitudes and Target Build-Up Area target types when these type measures are selected.
f.	For shapes Circle and Rectangle, enter the Width or Radius in meters.	1-9999 meters may be entered.
11.	Enter the following on the Coordinates tab.	
a.	Click the Coordinates tab.	
1)	Click the Location1 field and...	
2)	Type the location.	
Or...		
3)	Select a grid from the map by clicking the  icon.	The map displays. Click a location on the map causes the New Geometry window to re-display with the selected location.
b.	Repeat this process for each additional grid.	
12.	If, for example, a Restricted Fire Area (RFA) is desired, click the  button, move the cursor onto the map location in which the RFA is desired. Left mouse click and drag the cursor to the desired radius and left mouse click again and the New Geometry window will open allowing the newly created geometry to be named and subsequently sent to AFATDS.	The “Whiteboard” RFA will be created initially only on your map. When satisfied as to the location and size of object deselect drawing and the geometry will be displayed on the other client whiteboard map. NOTE: New Whiteboard objects or changes to existing Whiteboard objects will not be displayed on the receiving client if the receiving client has any objects selected on their map. All objects must be deselected in order for updates to be received.
13.	To close the Whiteboard Toolbox select Fire Support Utilities Display Whiteboard Toolbox from the Main Menu Bar .	The Whiteboard Toolbox closes. NOTE: If the Whiteboard Toolbox has been moved it can also be closed using the X in the upper right-hand corner of the window.
14.	To leave a Whiteboard Channel session, click the  icon.	The  icon becomes available for selection to start another whiteboard session.
15.	To expel a client that has been invited or has joined, the moderator selects the client to be expelled in the Collaboration Tool window and clicks the Kick Client button.	The client selected is removed from the given channel.

3022. Dynamic Filter Window

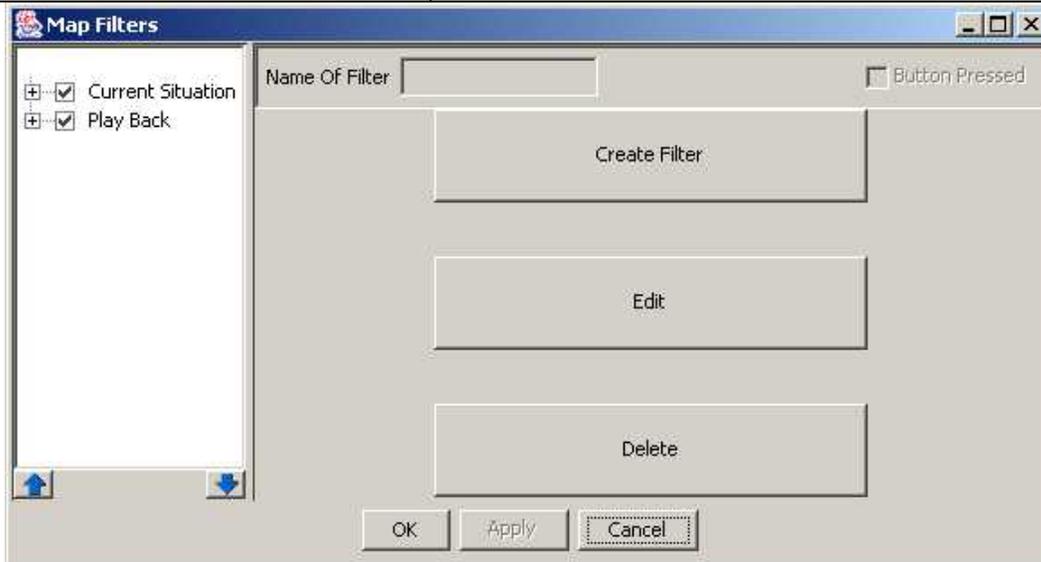
Dynamic Filter Window		
Step	Action	Result/Explanation
Function: This Procedure defines the steps for using the Effects Management Tools (EMT) to establish a user defined Dynamic Filter.		
1.	Start the EMT client on C2PC.	
a.	From the C2PC Workstation select Tools EMT . NOTE: If EMT is not displayed in the list under the Tools option, select the Injector Manager option and ensure that the EMT checkbox is checked.	The Effects Management Tools (EMT) software starts and the Login Screen window opens. NOTE: The Login Screen window takes approximately one minute to display.
		
2.	Define the AFATDS server	
a.	In the Host field, type the hostname of the AFATDS server.	The hostname is the name assigned to the AFATDS workstation when software is initially loaded. The server name appears before the prompt in a Unix xterm window and is also known as the COE name. To verify correct entries ping the AFATDS Server by IP and hostname after changing host file.
b.	Select the User's Role .	Settings for the User's Role can be set in the Preference table [Fire Support Utilities Preferences] to enable or disable specific features/functionalities for each designated user's role.
3.	Login	
4.	Click the User's Name field and type the username.	

Dynamic Filter Window

Step	Action	Result/Explanation
5.	Click the User’s Password field and type the password.	
6.	Click the OK button.	A screen of changing pictures displays as data loads from the server to the client. A message is displayed at the bottom left hand corner of the window stating, “ Login in Progress, Please Wait! ” This message should change to Login Successful! after approximately one minute, and the screen will disappear.

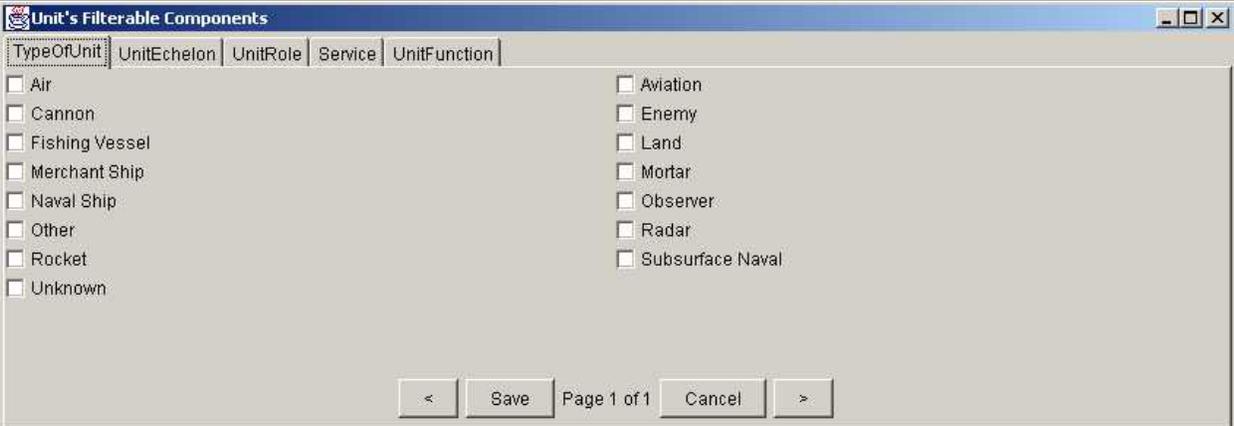


7.	On the Main Menu Bar select Fire Support Utilities Dynamic Filter Window .	The Map Filter window opens and presents the operator with options to establish user criteria for dynamic filters.
----	--	---

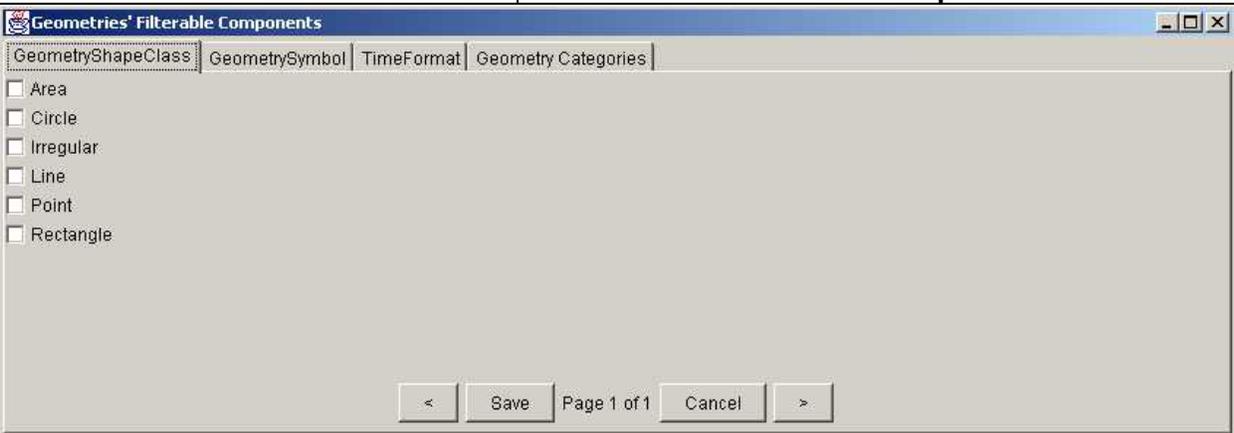
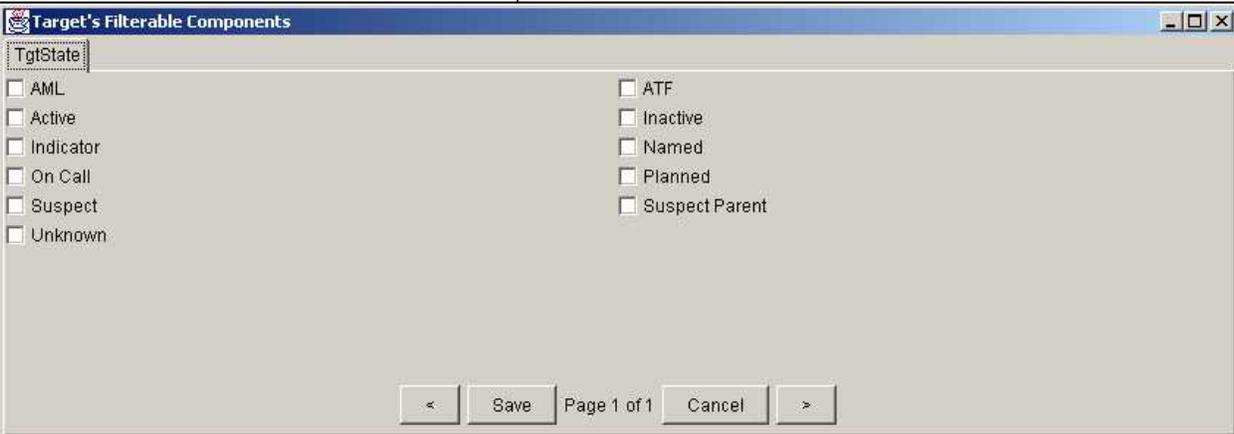


8.	Click on the Create Filter button.	The Create Map Filter window opens and presents the operator with the options to create a user defined map filter.
----	---	---

Dynamic Filter Window

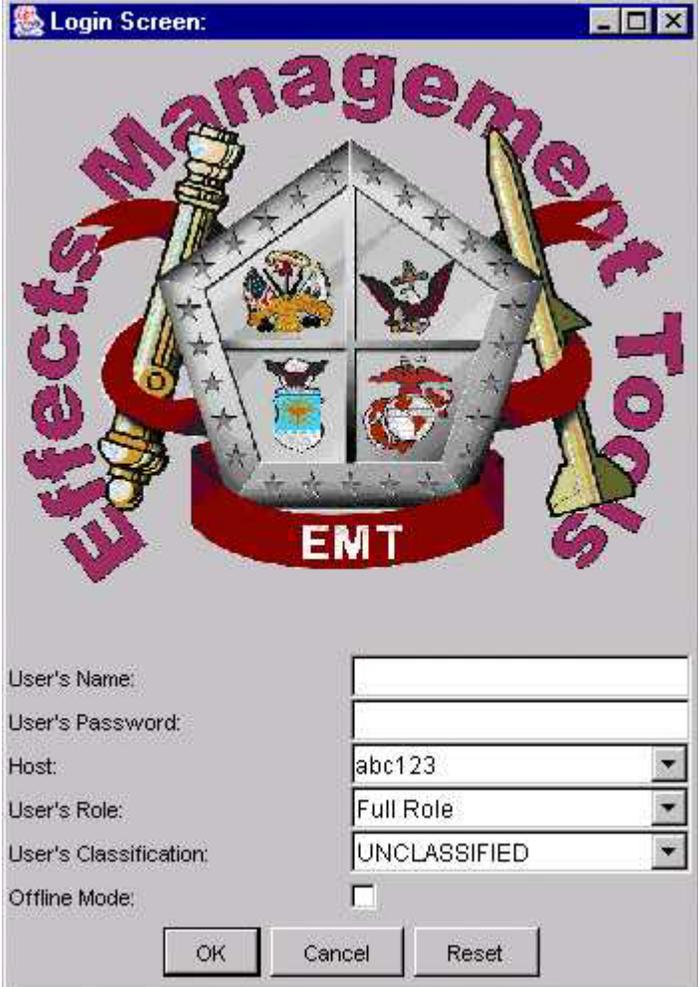
Step	Action	Result/Explanation
		
9.	Enter the name desired for the filter in the Tool Tip field of the Create Map Filter window.	
a.	To filter on unit aspects, on the Create Map Filter window, click the Units button.	The Unit’s Filterable Components window opens and presents the operator with unit options in which to create criteria for filtering units.
		
1)	Click on the desired unit filtering criteria tab and select the desired options. NOTE: The left and right arrows are used to scroll pages within a selected tab, as applicable.	The Unit’s Filterable Components window contains five selectable tabs, which contains options within each of the unit categories listed.
NOTE: The more options selected for filtering from each of the unit categories tab narrows the number of units that will fit the filtering criteria.		
2)	When desired unit-filtering options are complete, click the Save button.	The Unit’s Filterable Components window closes and the options that have been selected from each of the unit tab categories are saved into the filter options of the current filter being created.
b.	To filter on geometry aspects, on the Create Map Filter window, click on the Geometries button.	The Geometries’ Filterable Components window opens and provides the operator with options to filter geometries.

Dynamic Filter Window

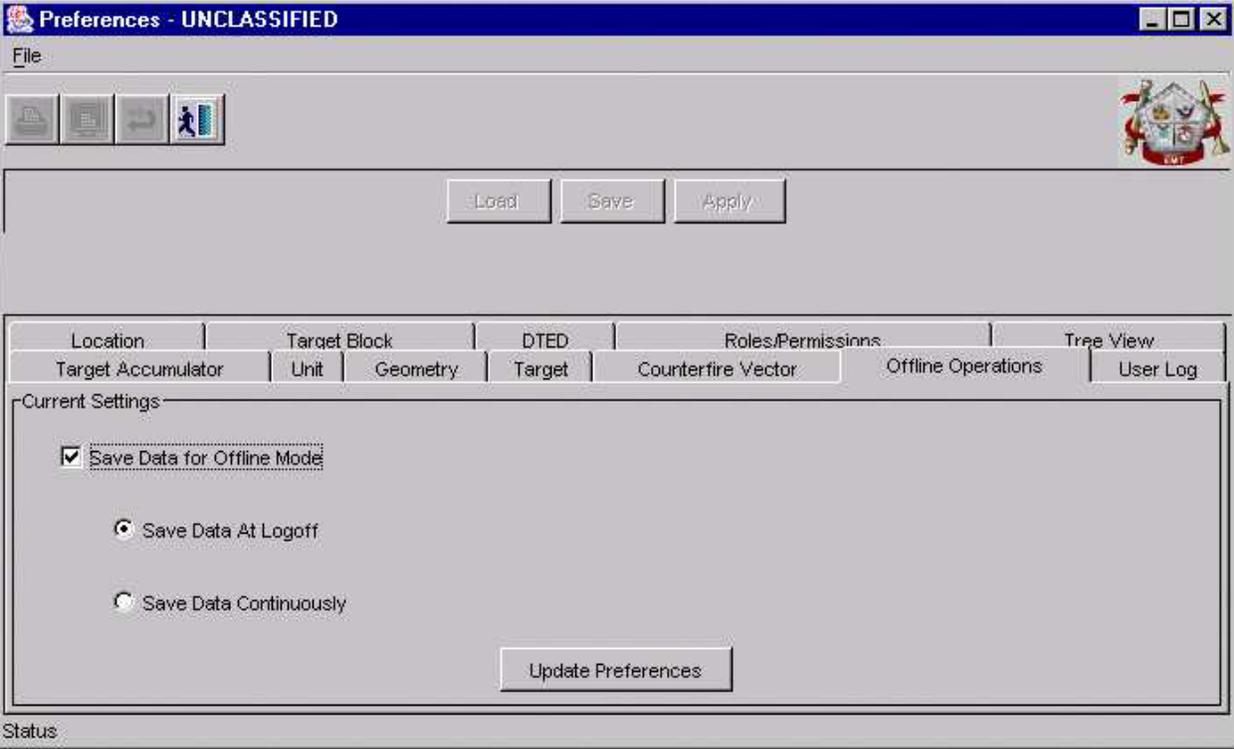
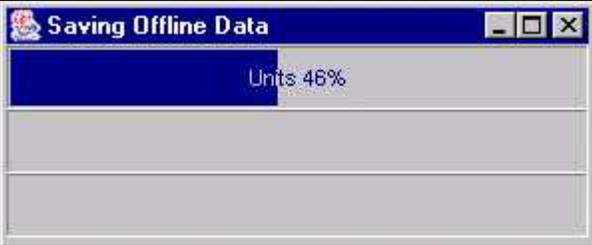
Step	Action	Result/Explanation
		
1)	<p>Click on the desired geometry category tab and select the desired options. NOTE: The left and right arrows are used to scroll pages within a selected tab, as applicable.</p>	<p>The Geometries' Filterable Components window contains four selectable tabs, which contains options within each of the geometry categories listed.</p>
<p>NOTE: The more options selected for filtering from each of the unit categories tab narrows the number of geometries that will fit the filtering criteria.</p>		
2)	<p>When desired geometry-filtering options are complete, click the Save button.</p>	<p>The Geometries' Filterable Components window closes and the options that have been selected from each of the geometries tab categories are saved into the filter options of the current filter being created.</p>
c.	<p>To filter on target aspects, on the Create Map Filter window, click on the Targets button.</p>	<p>The Target's Filterable Components window opens and provides the operator with options to filter targets.</p>
		
1)	<p>Select the desired target state options. NOTE: The left and right arrows are used to scroll pages within a selected tab, as applicable.</p>	<p>The Target's Filterable Components window contains options for targets that are in a specific state.</p>
<p>NOTE: The more options selected for filtering from each of the unit categories tab narrows the number of targets that will fit the filtering criteria.</p>		
2)	<p>When desired target-filtering options are complete, click the Save button.</p>	<p>The Target's Filterable Components window closes and the options that have been selected are saved into the filter options of the current filter being created.</p>

Dynamic Filter Window		
Step	Action	Result/Explanation
10.	Click the Button Pressed button.	The Icon Select Screen window opens and provides the operator with the option to choose an Icon to represent the filter being created.
		
a.	Select the Icon to represent the filter being created. Click on the Save button.	The selected Icon will be displayed in the Selected Icon area and the Icon Select Screen window closes and the Create Map Filter window now displays the selected Icon in the Button Pressed button.
11.	Select from which "Situation" the filter is to be applied: Current Situation or Playback (Used during a Timeline Viewer session). Default is Current Situation .	
12.	Click the Apply button.	The Apply button grays out.
13.	Click the OK button.	The Create Map Filter window closes and the filter name information is now displayed in the Map Filter windows Name of Filter field.
14.	Click the Apply button.	The Apply button grays out.
15.	Click the OK button.	The Map Filter window closes and the new "Filter" Icon is displayed on the C2PC Map toolbar.
16.	Click the newly created Icon filter button to enable or disable the created filter.	The units, geometries, and/or targets that meet the filtering criteria will be removed or replaced on the map, respectively, as the filter button is enabled or disabled.
17.	To delete the created filter, from the Main Menu Bar select Fire Support Utilities Dynamic Filter Window .	The Map Filter window opens.
18.	From the tree window on the left of the Map Filter window, select the created map filter. Click the Delete button.	The created filter is deleted. WARNING: If you accidentally select the wrong filter, whichever filter you select will be deleted.
19.	To close the Map Filter window, click the OK or Cancel button.	The Map Filter window closes.

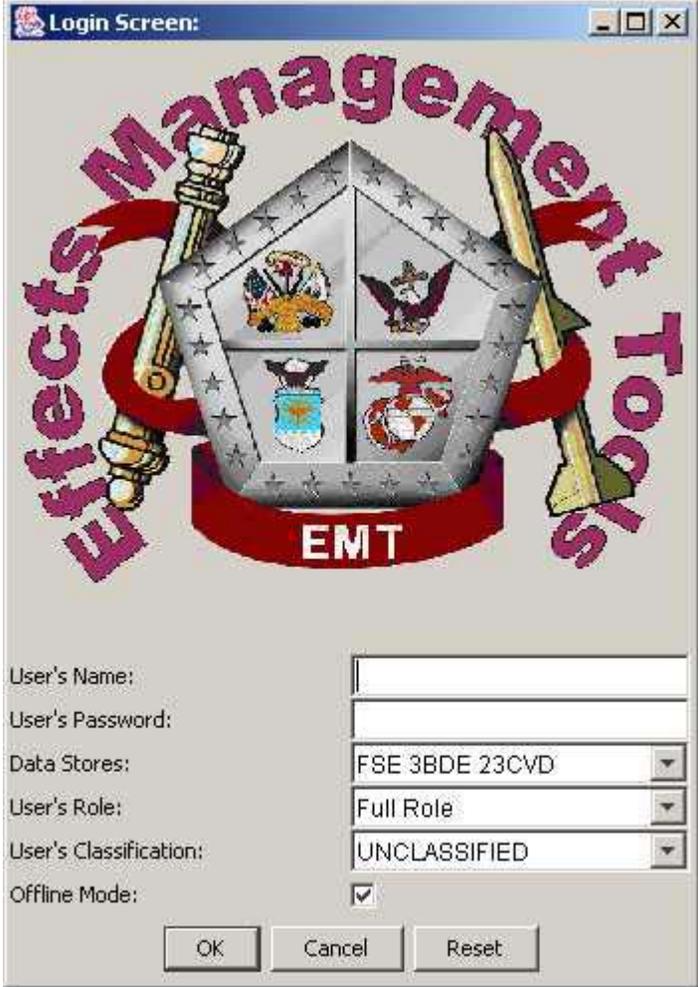
3023. Offline Session

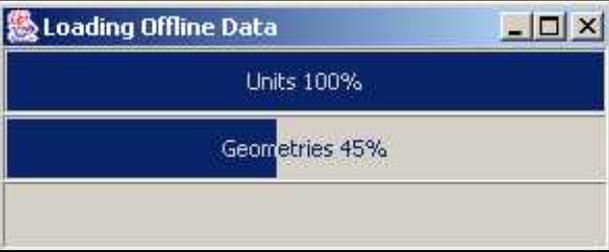
Offline Client.		
Step	Action	Result/Explanation
<p>Function: This procedure initiates a fire mission at the AFATDS server. The fire mission is treated as an unobserved mission and no responses are transmitted to the client.</p>		
1.	Start the EMT client on C2PC.	
a.	From the C2PC Workstation select Tools EMT . NOTE: If EMT is not displayed in the list under the Tools option, select the Injector Manager option and ensure that the EMT checkbox is checked.	The Effects Management Tools (EMT) software starts and the Login Screen window opens. NOTE: The Login Screen window takes approximately one minute to display.
		
2.	Define the AFATDS server.	
a.	In the Host field, type the hostname of the AFATDS server.	The hostname is the name assigned to the AFATDS workstation when software is initially loaded. The server name appears before the prompt in a Unix xterm window and is also known as the COE name. To verify correct entries ping the AFATDS Server by IP and hostname after changing host file.

Offline Client.		
Step	Action	Result/Explanation
b.	Select the User’s Role .	Settings for the User’s Role can be set in the Preference table [Fire Support Utilities Preferences] to enable or disable specific features/functionality’s for each designated user’s role.
3.	Login	
4.	Click the User’s Name field and type the username.	
5.	Click the User’s Password field and type the password.	
6.	Click the OK button.	A screen of changing pictures displays as data loads from the server to the client. A message is displayed at the bottom left hand corner of the window stating, “ Login in Progress, Please Wait! ” This message should change to Login Successful! after approximately one minute, and the screen will disappear.
		
7.	From the Main Menu Bar select Fire Support Utilities Preferences....	The Preferences window displays.
8.	Click the Offline Operations tab.	

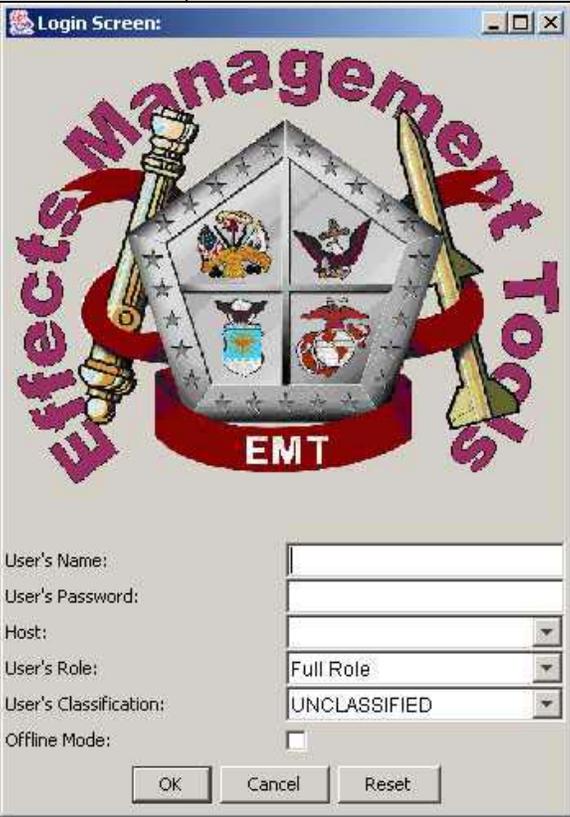
Offline Client.		
Step	Action	Result/Explanation
		
9.	Configure to use offline operations.	
a.	Click the Save Data for Offline Mode checkbox.	This enables the choice for saving data at logoff or saving data continuously.
1)	Save data at logoff.	This only allows data to be stored at the time of logoff. NOTE: If the current session goes down unexpectedly, data obtained during the current session will NOT be saved. NOTE: This option may result in a lengthy save operation.
a)	Click in the Save Data At Logoff radio button.	
b)	Click the Update Preferences button.	This saves the preferences for Offline Operations.
2)	Save data continuously.	This allows data to be stored whenever an update is received from the connected host. NOTE: Performance degradation may be seen on slow systems.
a)	Click in the Save Data Continuously radio button.	
b)	Click the Update Preferences button.	This saves the preferences for Offline Operations as well as the unit data, geometry data, and target data.
		
Saving of unit data...		

Offline Client.		
Step	Action	Result/Explanation
Saving of geometry data...		
Saving of target data...		
10.	Use offline operations.	
a.	Starting with the EMT client connected to the AFATDS Server.	
1)	From the Main Menu Bar select Fire Support Utilities Offline Session	The EMT client logs off and is now in offline session mode. NOTE: The statement displayed in the status bar is updated to Connection: Unconnected to AAS Server.
2)	Options available while in Offline Mode: Target List Worksheet Target Type Worksheet New Geometry Reports: <ul style="list-style-type: none"> • Geometry • View UTO Guidances: <ul style="list-style-type: none"> • All are available to view Utilities: <ul style="list-style-type: none"> • Preferences • Coordinate Conversion Tool • Dynamic Filter Window • Display Whiteboard Toolbox • Log onto Server • Offline Session • Log 	The Fire Support menu options display:
b.	Starting with the EMT client shutdown.	
1)	Start the EMT client on C2PC.	

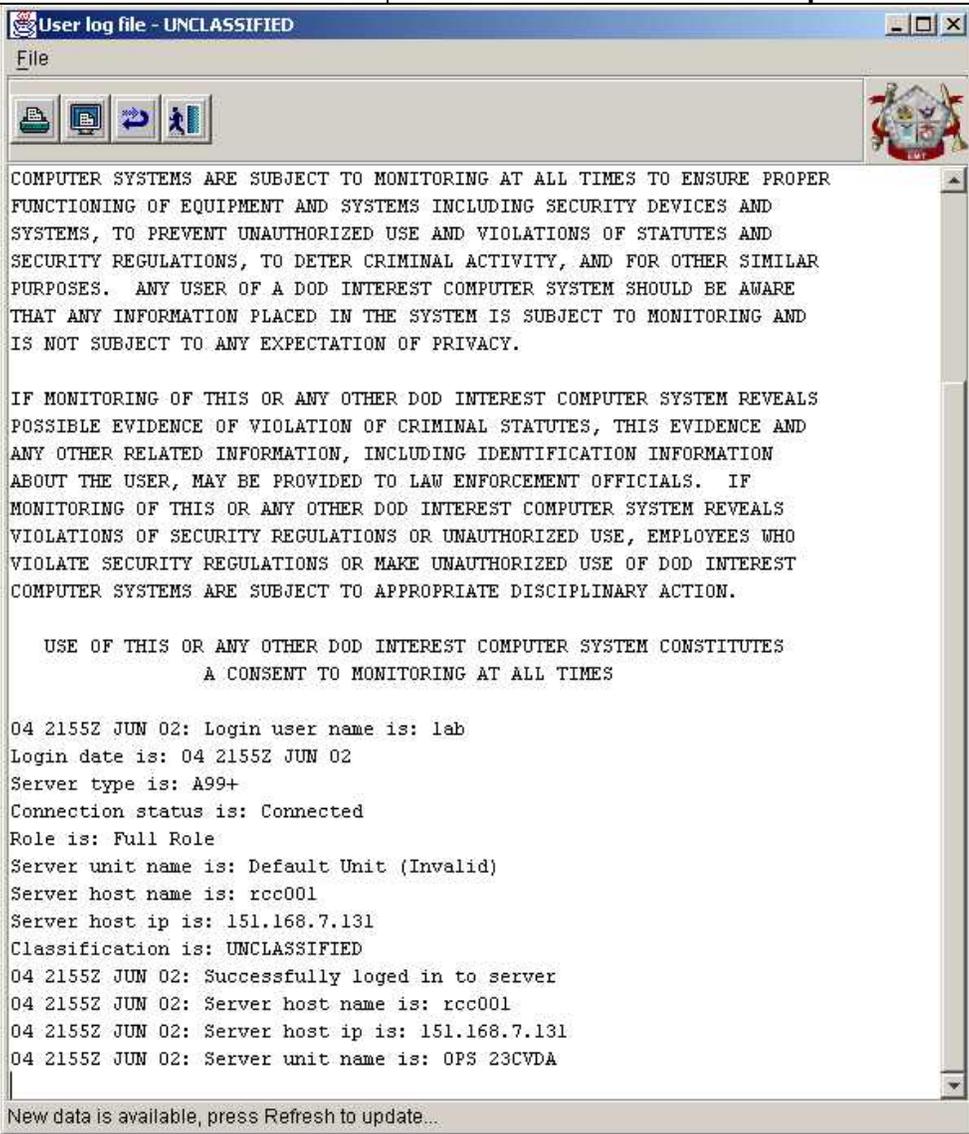
Offline Client.		
Step	Action	Result/Explanation
a)	From the C2PC Workstation select Tools EMT . NOTE: If EMT is not displayed in the list under the Tools option, select the Injector Manager option and ensure that the EMT checkbox is checked.	The Effects Management Tools (EMT) software starts and the Login Screen window opens. NOTE: The Login Screen window takes approximately one minute to display.
		
2)	Define the Offline Database.	
a)	In the Data Stores field, using the drop down menu, select the data stored desired. NOTE: If only one available, it will default to the field when opened.	
b)	Select the User's Role .	Settings for the User's Role can be set in the Preference table [Fire Support Utilities Preferences] to enable or disable specific features/functionality's for each designated user's role.
3)	Login	
4)	Click the User's Name field and type the username.	

Offline Client.		
Step	Action	Result/Explanation
5)	Click the User’s Password field and type the password.	
6)	Click the OK button.	A Data Storage Date window opens notifying the user of the data date and time saved for use.
 <p>The screenshot shows a dialog box titled "Data Storage Date" with a question mark icon. The text inside reads: "Server data from rcc001 was saved on Thu Sep 19 13:10:30 GMT-05:00 2002. Do you want to continue with this data?" There are "Yes" and "No" buttons at the bottom.</p>		
7)	Click the YES button.	The Loading Offline Data window opens and loads the saved data for use.
 <p>The screenshot shows the "Loading Offline Data" window with a progress bar for "Units" at 55%.</p> <p style="text-align: center;">Loading of unit data...</p>		
 <p>The screenshot shows the "Loading Offline Data" window with progress bars for "Units" at 100% and "Geometries" at 45%.</p> <p style="text-align: center;">Loading of geometry data...</p>		
 <p>The screenshot shows the "Loading Offline Data" window with progress bars for "Units" at 100%, "Geometries" at 100%, and "Targets" at 88%.</p> <p style="text-align: center;">Loading of target data...</p>		
8)	The Loading Offline Data window closes and the EMT Client is now ready for use, with the menu options available as indicated in step 11. a. 2) above.	

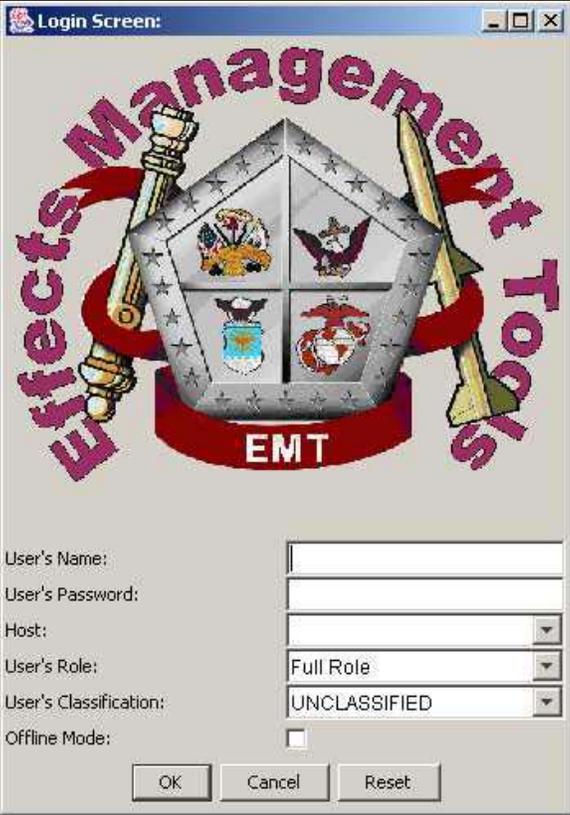
3024. Log

		Log
Step	Action	Result/Explanation
Function: This Procedure defines the steps for using the Effects Management Tools (EMT) to view the log file to find user information on current client session.		
1.	Start the EMT client on C2PC.	
a.	From the C2PC Workstation select Tools EMT . NOTE: If EMT is not displayed in the list under the Tools option, select the Injector Manager option and ensure that the EMT checkbox is checked.	The Effects Management Tools (EMT) software starts and the Login Screen window opens. NOTE: The Login Screen window takes approximately one minute to display.
		
2.	Define the AFATDS server	
a.	In the Host field, type the hostname of the AFATDS server.	The hostname is the name assigned to the AFATDS workstation when software is initially loaded. The server name appears before the prompt in a Unix xterm window and is also known as the COE name. To verify correct entries ping the AFATDS Server by IP and hostname after changing host file.
b.	Select the User's Role .	Settings for the User's Role can be set in the Preference table [Fire Support Utilities Preferences] to enable or disable specific features/functionalities for each designated user's role.
3.	Login	
4.	Click the User's Name field and type the username.	

Log		
Step	Action	Result/Explanation
5.	Click the User's Password field and type the password.	
6.	Click the OK button.	A screen of changing pictures displays as data loads from the server to the client. A message is displayed at the bottom left hand corner of the window stating, " Login in Progress, Please Wait! " This message should change to Login Successful! after approximately one minute, and the screen will disappear.
		
7.	On the Main Menu Bar select Fire Support Utilities Log .	The operator is presented with a User log file window displaying pertinent information about the client session.

		Log
Step	Action	Result/Explanation
		
8.	<p>When the window opens the bottom of the window will display New data is available, press Refresh to update...</p> <p>Click the  icon to refresh the window.</p>	<p>The User log file window refreshes with any new pertinent data with date/time stamp.</p>
9.	<p>To close the User log file window, click the  icon.</p>	<p>The User log file window closes. NOTE: To view log file again, simply repeat aforementioned steps.</p>

3025. Unit Move

		Unit Move
Step	Action	Result/Explanation
Function: This Procedure defines the steps for using the Effects Management Tools (EMT) to establish a unit move to AFATDS.		
1.	Start the EMT client on C2PC.	
a.	From the C2PC Workstation select Tools EMT . NOTE: If EMT is not displayed in the list under the Tools option, select the Injector Manager option and ensure that the EMT checkbox is checked.	The Effects Management Tools (EMT) software starts and the Login Screen window opens. NOTE: The Login Screen window takes approximately one minute to display.
		
2.	Define the AFATDS server	
a.	In the Host field, type the hostname of the AFATDS server.	The hostname is the name assigned to the AFATDS workstation when software is initially loaded. The server name appears before the prompt in a Unix xterm window and is also known as the COE name. To verify correct entries ping the AFATDS Server by IP and hostname after changing host file.
b.	Select the User's Role .	Settings for the User's Role can be set in the Preference table [Fire Support Utilities Preferences] to enable or disable specific features/functionality for each designated user's role.
3.	Login	
4.	Click the User's Name field and type the username.	

Unit Move		
Step	Action	Result/Explanation
5.	Click the User’s Password field and type the password.	
6.	Click the OK button.	A screen of changing pictures displays as data loads from the server to the client. A message is displayed at the bottom left hand corner of the window stating, “ Login in Progress, Please Wait! ” This message should change to Login Successful! after approximately one minute, and the screen will disappear.



7.	On the expanded tree under the Units folder select the desired unit to move. Right mouse click and select View/Edit	The Unit <Unit Name> window opens.
----	---	---

Unit Move		
Step	Action	Result/Explanation
8.	Enter the new unit location in the Current Location section of the Unit - <Unit Name> window. Click the Update Location in AFATDS . This sends the information to the AFATDS Server and updates the unit location. NOTE: Coordinate System options are LAT/LONG (Deg,Min,Sec) , LAT/LONG (Deg,Min) , UTM , or MGRS . To change the coordinate system, place the pointer (cursor) in the Current Location section and right mouse click, select the desired coordinate system.	The selected unit’s location is updated in AFATDS and is consequently updated on the C2PC Client’s map.
<i>Or...</i>		
9.	Click the  icon.	The C2PC Map window is brought forward and the cursor turns to cross hairs.
10.	Click on the map at the new location of the unit selected.	The map coordinates are pasted in the Current Location field of the Unit - <Unit Name> window.
11.	Click the Update Location in AFATDS . This sends the information to the AFATDS Server and updates the unit location.	The selected unit’s location is updated in AFATDS and is consequently updated on the C2PC Client’s map.
12.	To close the Unit - <Unit Name> window, click the  icon.	The Unit - <Unit Name> window closes.
<i>Or...</i>		
13.	Using the cursor, locate the unit that you desire to move and left mouse click on the unit.	The unit selected turns white indicating the unit is selected.

Unit Move		
Step	Action	Result/Explanation
14.	Right mouse click and select View/Edit .	The Unit - <Unit Name> window opens displaying the selected unit’s information.

Unit Move		
Step	Action	Result/Explanation
15.	<p>Enter the new unit location in the Current Location section of the Unit - <Unit Name> window. Click the Update Location in AFATDS. This sends the information to the AFATDS Server and updates the unit location. NOTE: Coordinate System options are LAT/LONG (Deg,Min,Sec), LAT/LONG (Deg,Min), UTM, or MGRS. To change the coordinate system, place the pointer (cursor) in the Current Location section and right mouse click, select the desired coordinate system.</p>	<p>The selected unit’s location is updated in AFATDS and is consequently updated on the C2PC Client’s map.</p>
Or...		
16.	<p>Click the  icon.</p>	<p>The C2PC Map window is brought forward and the cursor turns to an arrow and a square box with an X in it.</p>
17.	<p>Click on the map at the new location of the unit selected.</p>	<p>The map coordinates are pasted in the Current Location field of the Unit - <Unit Name> window.</p>
18.	<p>Click the Update Location in AFATDS. This sends the information to the AFATDS Server and updates the unit location.</p>	<p>The selected unit’s location is updated in AFATDS and is consequently updated on the C2PC Client’s map.</p>
19.	<p>To close the Unit <Unit Name> window, click the  icon.</p>	<p>The Unit - <Unit Name> window closes.</p>

Index

A	
AFATDS FS Server Window	
Users and Passwords	1, 8
AFATDS host	30
C	
C2PC Map	12
Client	
Start the client application at the laptop.	10
Create ASL	33, 36
Create ASR	32
E	
Establish Target	44
Export Geometries to an Excel Spreadsheet	69
F	
Fire Missions	
Initiate a fire mission	21
Mission status	48, 58, 100, 110
G	
Geometry	
Create	55, 65
Guidances	116
H	
High Value Targets	117
I	
Import Geometries from an Excel Spreadsheet	68
L	
Login	
Prepare the AFATDS server for client use	1, 8
Start the client application at the laptop	10
M	
Main Menu Bar	12, 13
Mission Cutoff	119
Mission Status Screen	48, 58, 100, 110
O	
On Call Precedence	121
P	
Prioritization	120
Priority Of Fires	118
S	
Search For Particular Geometries	69
Status Bar	12
T	
Target List Worksheet	20, 30
Target Management Matrix (TMM)	118
Target Selection Standards (TSS)	120
Targeted Area of Interest (TAI)	119
Tool Bar	12, 16
Tree Panel	17