



Training Brain Repository

User Guide

Version 0.9.10
10/21/2013

Welcome to the Training Brain Repository (TBR), User's Guide. The TBR leverages leading edge technology to automate the exercise design process as described in the Exercise Design Guide, TC 7-101. By leveraging and enhancing the OE, the TBR serves as a single point of development, storage, and collaboration for the training community.

A Service of the Training Brain Operations Center (TBOC)

TBR Users Guide Version 0.9.10

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© *Training Brain Operation Center (TBOC)*
720 Thimble Shoals Drive • Suite 130
Newport News, VA 23606

Support/Contact Information:

DTL Lead: Mr. Anthony Cerri: anthony.j.cerri.ctr@mail.mil; 757-878-9648

TBR Lead: Alan Knox: alan.j.knox.ctr@mail.mil; 757-848-9643

DTL Training Lead: Mathew McMillan: mathew.n.mcmillan.ctr@mail.mil; 757-878-9551

DTL Help Desk: usarmy.jble.tradoc.mbx.eustis-tboc-dtl-helpdesk@mail.mil; 757-878-9623

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1. Purpose

The TBR User's Guide will provide a brief overview of the TBR and how it can be used it to design an exercise and locate other user created story lines, events, exercises, and Training Support Packages (TSP) for reuse.

This user guide will cover:

- Access and Navigation
- Exploring the Repository
- Legacy Training Support Packages
- Designing an Exercise
- Exercise Training Support Package Review/Download

1.1 Overview

The TBR assists the Army Training community in preparing training exercises as described in TRADOC's Exercise Design Guide, TC 7-101. The TBR automates the exercise design process and allows users to develop an exercise that meets a Commander's training objectives; stores information for use during future exercises and gives a staff the ability to collaborate during the exercise development process.

1.2 Functionality

The TBR will provide the following capabilities:

- Create an exercise
 - Define a training audience for an exercise
 - Define and view training objectives for a training audience
 - Define Opposing Forces
 - Define and view training objectives for Opposing Forces
 - Create a story line for a role player
 - Create events for a storyline
 - Create role players
 - Create Road to War
 - Create Higher Operations Order
 - Create Annex A (Task Organization)
 - Create Annex B (Intelligence)
 - Create Annex C (Operations)
 - Create Annex D (Fires)
- View and download plans, orders and instructions for an exercise
 - Exercise Identification
 - Exercise Overview
 - Operation Order (OPORD)
 - Annexes (A-D)
 - Storyline Descriptions

- Master Scenario Event List (MSEL)
- Role player Instructions
- Blue and Red Forces Structures
- Training Tasks
- Administrative Materials
- References
- Glossary
- Upload a legacy TSP
- Explore the repository
 - Search and filter training exercise information

1.3 *References*

- ADP 1-02, Operational Terms and Military Symbols, AUG, 2012
- ADRP 1-02, Operational Terms and Military Symbols, AUG, 2012
- ADP 3-0, Unified Land Operations, OCT, 2011
- ADRP 3-0, Unified Land Operations, MAY, 2012
- ADP 5-0, The Operations Process, MAY, 2012
- ATTP 5-0.1, Commander and Staff Officers Guide, SEP, 2011
- DATE 2.0, Decisive Action Training Environment (DATE) 2.0, DEC, 2011
- FM 7-15, The Army Universal Task List, FEB, 2009
- MDMP, Military Decision Making Process Handbook, APR, 2011
- PAM 350-70-1, Training Development in Support of the Operational Domain, FEB, 2012
- TC 7-100, Hybrid Threat, NOV, 2010
- TC 7-100.2, Opposing Force Tactics, DEC, 2011
- TC 7-101, Exercise Design Guide, NOV, 2010
- Operational Environments to 2028: The Strategic Environment for Unified Land Operations, AUG, 2012

2. *Access / Login*

In order to access the TBR, open Internet Explorer 9 or higher and type the TBR URL into your address bar <http://tbr.army.mil>. This will take you to the login page of the TBR.

First accept the user agreement by selecting  (See Figure 1). Next, select appropriate CAC authentication certificate and enter the CAC pin number (See Figure 2).

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Figure 1: Login Screen

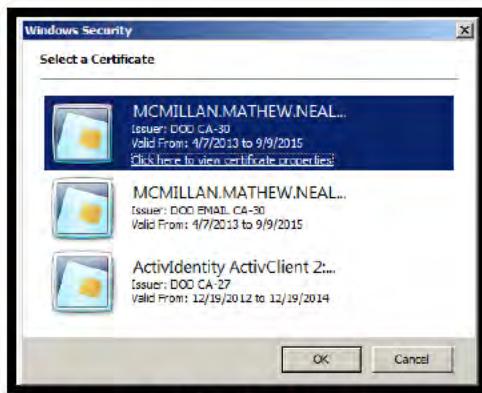


Figure 2: CAC Card Certificate

3. Home Page

Logging into the TBR takes you to the TBR Homepage (See Figure 3). The Homepage can be used to search for exercises, view exercises in design or access the main functionality of designing an exercise.

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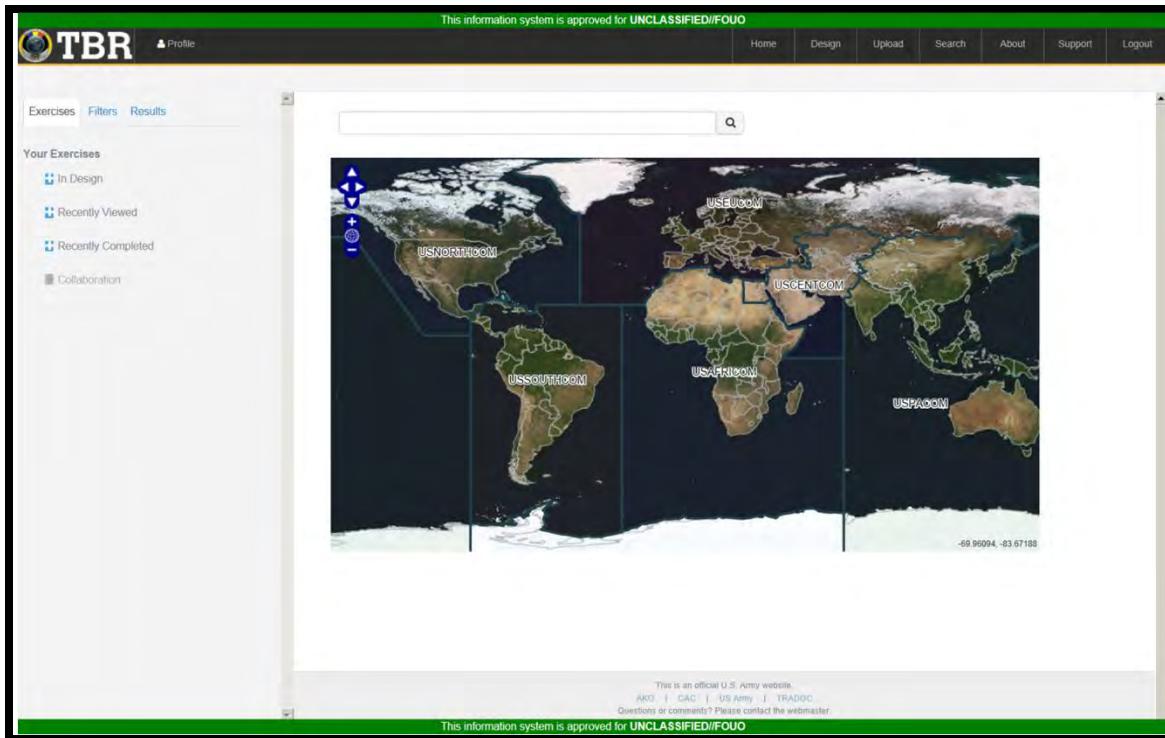


Figure 3: TBR Home Page

3.1 Navigation

Navigating the TBR is done through the menu bar which is located on the top right of screen just above the map and the user menu is located to the left of the map. The navigation bar located above the map (See Figure 4), will take you to the main functionality of the TBR. The main functionality consists of: Search the Repository, Upload a Legacy Training Support Package and Design an Exercise. Each of these functions will be covered in more detail later on in the user guide.

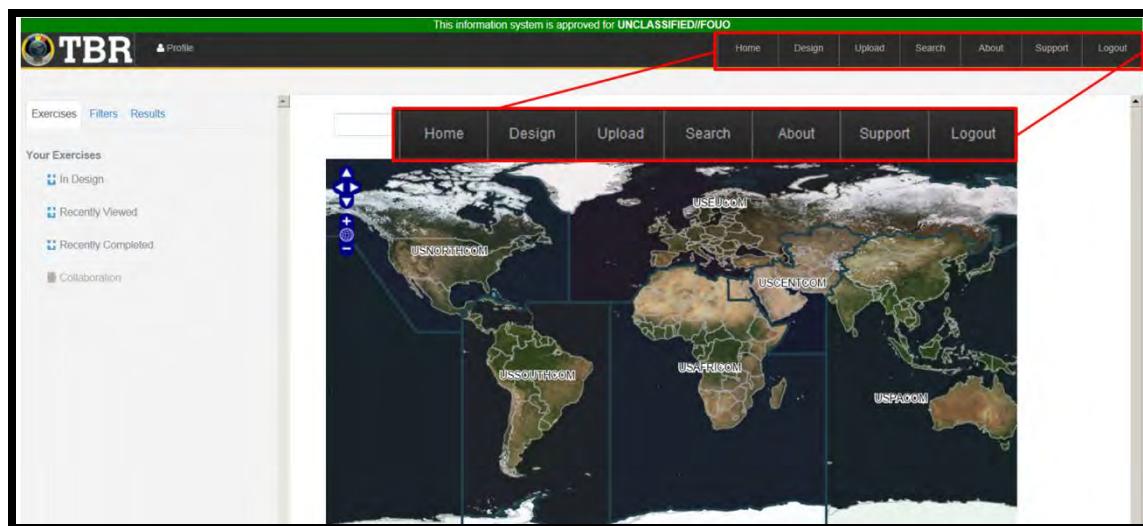


Figure 4: TBR Navigation

- **Home** - The Home navigation button is designed to return to the TBR home page, from anywhere within the TBR application.
- **Design** - The design navigation button is used to begin designing an exercise within the TBR. The design process will follow the exercise design process outlined in TC 7-101.
- **Upload** - The upload navigation button is used to upload a legacy Training Support Package (TSP) to the TBR. The legacy TSP will need to be packaged as a .zip file. The “Upload” function will be expanded upon in [section 5](#) of this guide.
- **Search** - The “Search” function will allow you to search the repository by keyword(s) and by content type. The content types that you can search for are Exercises, Events, Legacy TSPs, Storylines and Tasks. The “Search” function will be expanded upon in [section 4](#) of this guide.
- **About** – The “About” section will explain what the TBR is, who maintains the application, and the current version. This section of the TBR also explains that many of the TBR’s features are based upon user input and feedback. The “About” section also provides users a point of contact to provide such feedback. (See Figure 5)

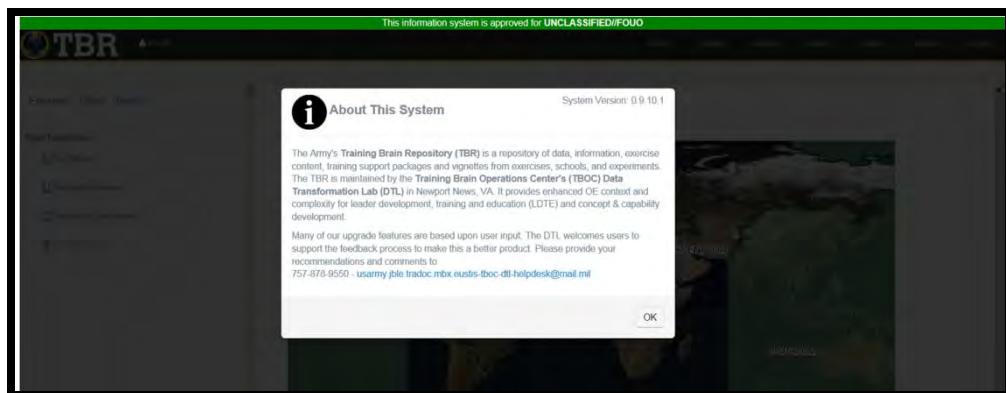


Figure 5: About Information

- **Support** - The “Support” section of the TBR provides users with the point of contact information relating to the TBR Help Desk and the TBR Trainer. The help desk is used to submit any problems a user is faced with such as errors, bugs, difficulty utilizing the application. If you need training on how to use the TBR then contact the TBR Trainer (see Figure 6).

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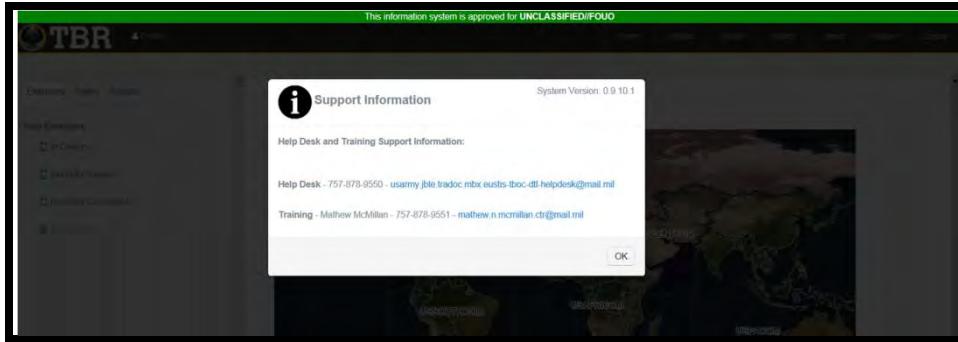


Figure 6: Support Information

- **Logout** - To end your session, select “Logout,” from anywhere within the TBR application. Your work will be automatically saved.

The user menu to the left of the map (See Figure 7) is considered the individuals personal workspace. Here you can quickly access exercises that you have In Design, Recently Viewed, Recently Completed, or that you are collaborating on (Future Development). To access any of the areas, select the text or . Once the menu option expands you can select any of the exercises to continue to modify or view the exercise.

- **In Design** – Exercises found under this drop down are the exercises that are currently being worked. These exercises are those that have not been marked as completed by the exercise designer.
- **Recently Viewed** – Exercises found under this drop down are the most recently viewed exercises of the user.
- **Recently Completed** – Exercises found under this drop down is a listing of the exercises that have been marked as completed.
- **Collaboration** – This is a future capability that will allow users to collaborate on any given exercise by allowing other users to work on specific elements of the exercise.

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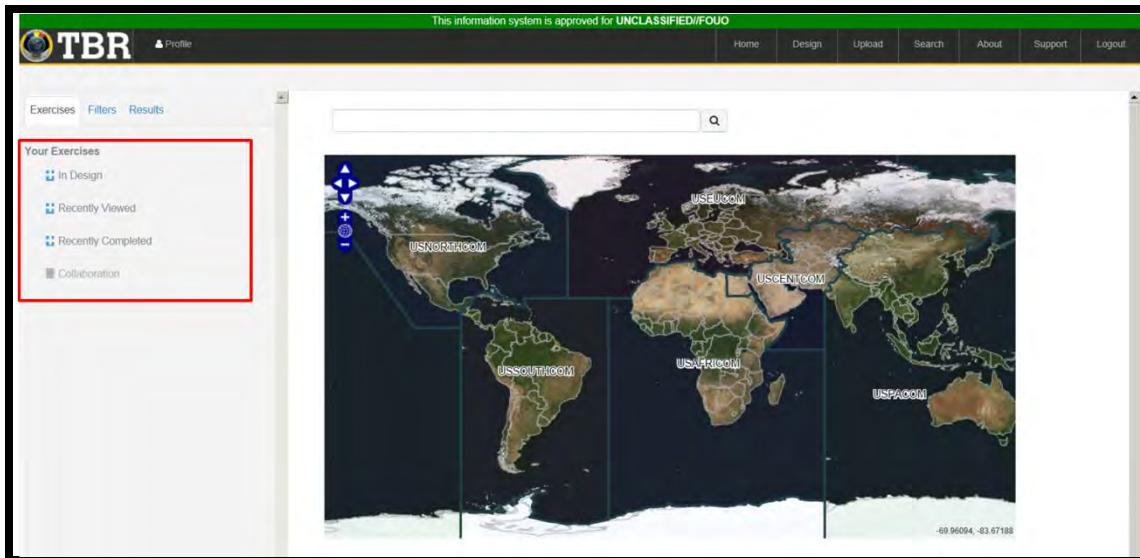


Figure 7: User Menu

4. Search Repository

To search the repository without the map interface, select **Search** from the tool bar on the top of the screen. Here you can search for specific content created by other users and TSPs prepared by other proponents, Centers of Excellence or other units and view results in a list form and combine multiple search methods to locate the desired information (see Figure 8).

A screenshot of the Search Repository interface. At the top, a green bar displays the text "This information system is approved for UNCLASSIFIED//FOUO". Below this is a navigation bar with links for Home, Design, Upload, Search, About, Support, and Logout. On the left, there's a sidebar titled "Facet Fields" with categories: Operation (82), Stability (23), Defense (12), Defense Sup...Authorities (1), Exercise Type (43), Command Pos...est Exercise (42), Field Training Exercise (42), Situational...ing Exercise (0), Mission Rea...ess Exercise (1), Echelon (64), Brigade (64), division (46), battalion (21), squad (6), Task Numbers (54), ART 1.0 (54), ART 2.0 (50), ART 2.2 (41), ART 7.3 (40), ART 4.0 (39), More (0), Operational Environment (257), Decisive Ac...Environment (7), and Yamenistan (0). A red box highlights the "Task Numbers" section. The main area shows a search bar with "IBCT TSP.zip" and a link to "IBCT TSP.zip" with the note "No description available.". Below this are several other items: "HAITI.zip" (No description available.), "Haiti" (No description available.), "Caspian Sea" (Corps area of interest includes the airways and land areas of Georgia, Azerbaijan, Armenia, Turkey, Aria and adjacent littoral waters), "Caspian Sea.zip" (No description available.), "Korea" (No description available.), and "IBCT" (The intent of the IBCT TSP is to enable training the IBCT Core Capability Mission Essential Tasks (CCMET) to meet Army Force Generation (ARFORGEN) Train Phase Requirements by: Providing the training unit higher headquarters information required to plan, prepare, execute and assess an IBCT CPX. + Providing the training unit support materials necessary to exercise the planning and coordination process required to conduct an IBCT CPX. The TSP is oriented on providing training). A green bar at the bottom displays the text "This information system is approved for UNCLASSIFIED//FOUO".

Figure 8: Search the Repository

4.1. Keyword Search

All content within the TBR can be searched using Keywords (see Figure 9). Keywords can be used to find content by typing in the word or words and selecting  . The TBR will display all results containing the key word. To search for specific content select  and then select the desired content type from the menu.

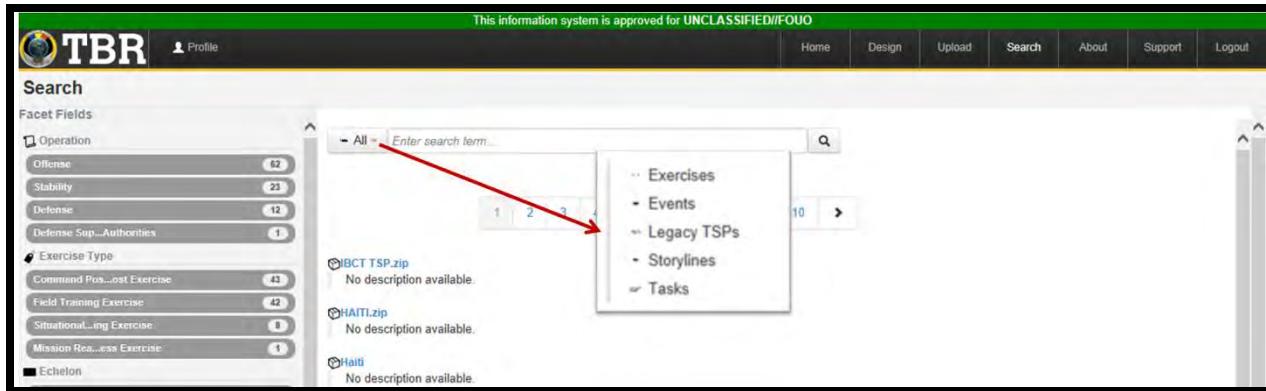


Figure 9: Keyword Search

4.2. Filter Search

Applying filters is an easy way to narrow your search results. To apply filters, locate and single click on the filter(s) desired. The filter will then highlight and move to your active filters section. The search results will update and only information containing the filter(s) applied will be displayed. The number within each filter represents the amount of results available within that filter. These numbers will update as you select additional filters. To turn off a filter, select the highlighted filter or select the filter from your active filters list. This will clear the filter and update your search results (See Figure 10).

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Search

Facet Fields

- Operation
- Offense
- Defense
- Defense_Sup_Authorities
- Stability
- Exercise Type
- Command Post...ost Exercise
- Field Training Exercise
- Situational...ng Exercise
- Mission Rea...ess Exercise
- Echelon
- brigade
- battalion
- division
- squad
- Task Numbers
- ART 7.3
- 06-8-5060
- ART 3.2
- ART 7.4
- ART 7.1.2.3
- More
- Operational Environment
- Exercise_Air_Environment
- Afghanistan

Active Filters

Offense Field Training Exercise Decisive Action Training Environment

1 2 3 >

Active Tasks DO NOT DELETE
Division-level Offense (Field Training Exercise) In Fort Hood, TX, from 2013-04-01 to 2013-04-06 (6 days), in order to accomplish upload 77 tasks for DATE

New Exercise Name
Brigade-level Offense (Field Training Exercise) in Fort Bragg, NC, (12 days), in order to accomplish a) Conduct Mission Commands b) Execute Operations Process c) Operate the Tactical Operations Center d) S...

4 BCT 82 ABN FSCX
Division-level Offense (Field Training Exercise) in Fort Bragg, NC, from 2013-06-03 to 2013-06-14 (12 days), in order to accomplish a) Conduct Mission Commands b) Execute Operations Process c) Operate the Tactical Operations Center d) S...

DATE 2.0 Exercise DO NOT DELETE
Brigade-level Offense (Field Training Exercise) in Fort Bragg, NC, from 2014-03-03 to 2014-03-13 (12 days), in order to accomplish Conduct an Attack Conduct an Air Assault Provide Ground Support

Tony's Demo_Do Not Delete
Brigade-level Offense (Field Training Exercise)from 2013-07-26 to 2013-08-26 (32 days), in order to accomplish Conduct an Attack Conduct an Air Assault Provide Ground Support

No title available
No description available

This information system is approved for UNCLASSIFIED//FOUO

Figure 10: Filter Search

4.3. Map Search

The map is fully interactive (See Figure 11). You can select a COCOM and zoom to that location or use your mouse scroll wheel to zoom in and out of the map. You also can drag or double click the map to move your view to the desired location. The map will display results based on the location of the exercises. To select a specific location select the orange dot and select results. The orange dots are linked to the training areas of the United States Army. Once a location is selected the associated training location will display in the active filter area above the map.

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Exercises Filters Results

Enter search term...

Your Exercises

- In Design
- Recently Viewed
- Recently Completed
- Collaboration

United States Canada Mexico

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Figure 11: Map Search

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The [Filters](#) tab allows users to filter the information displayed on the map and the [Results](#) tab allows users to view the search results in a list view. An additional option is to use the keyword search .

Filters allow users to browse through the various types of information stored in the TBR and filter their results based on the criteria selected. Select the filter you want to apply to your results. The filter selected will highlight and move to your active filters section (See Figure 12). To turn off a selected filter, select the active filter again from either the list or the active filter section. Another option is to select a location on the map and view the results associated with the selected location.

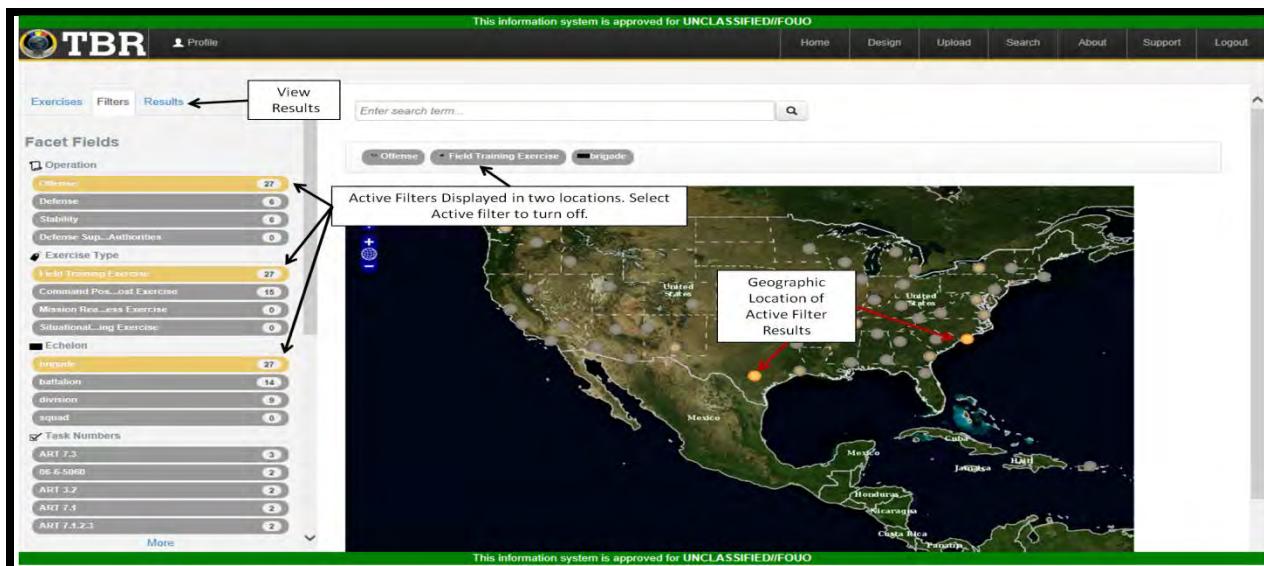


Figure 12: Using the Map Search with Filters

To view the list of textual results select the [Results](#) tab (See Figure 13). From the list of reports there are two available options: the first of which is to select the exercise title to view the exercise. This option will only allow the user to have read only access to the exercise. The other option available is to select [View Reports](#) .

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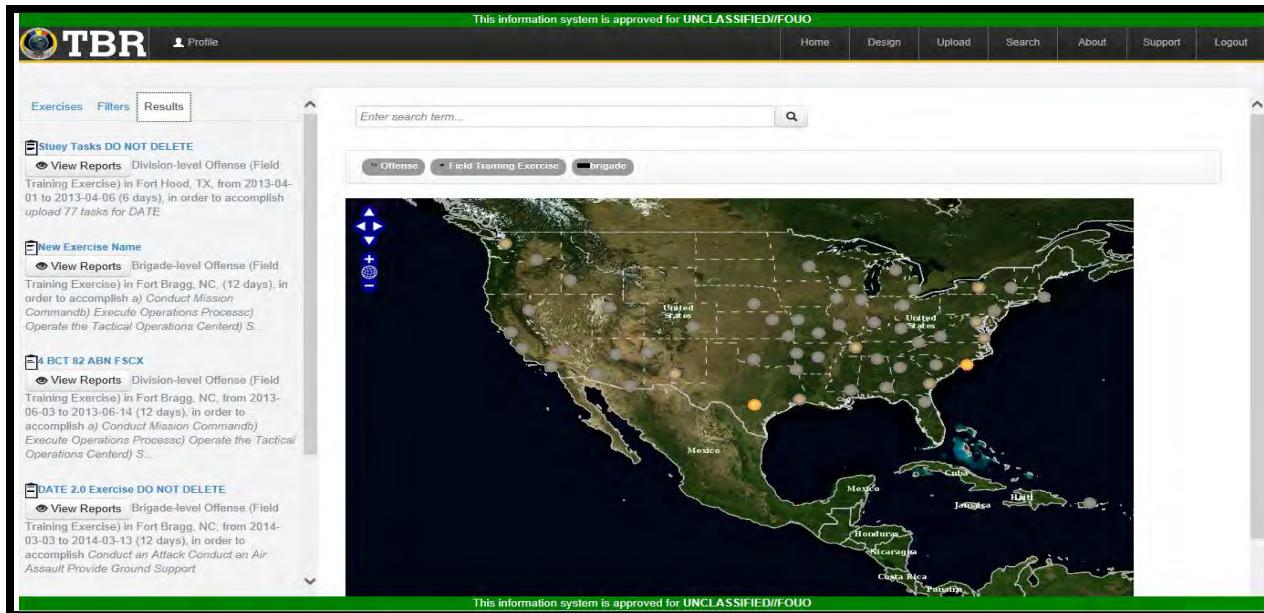


Figure 13: Results of Map Search

4.4. View Reports

The **View Reports** option is designed to gain insight to a particular exercise, by selecting the View Reports button the user is given the ability to view the exercise reports that were generated at the end of the exercise creation process. (See Figure 14) If the user feels that the exercise is a close match to their exercise requirements, the TBR will allow the user to copy the exercise for reuse.

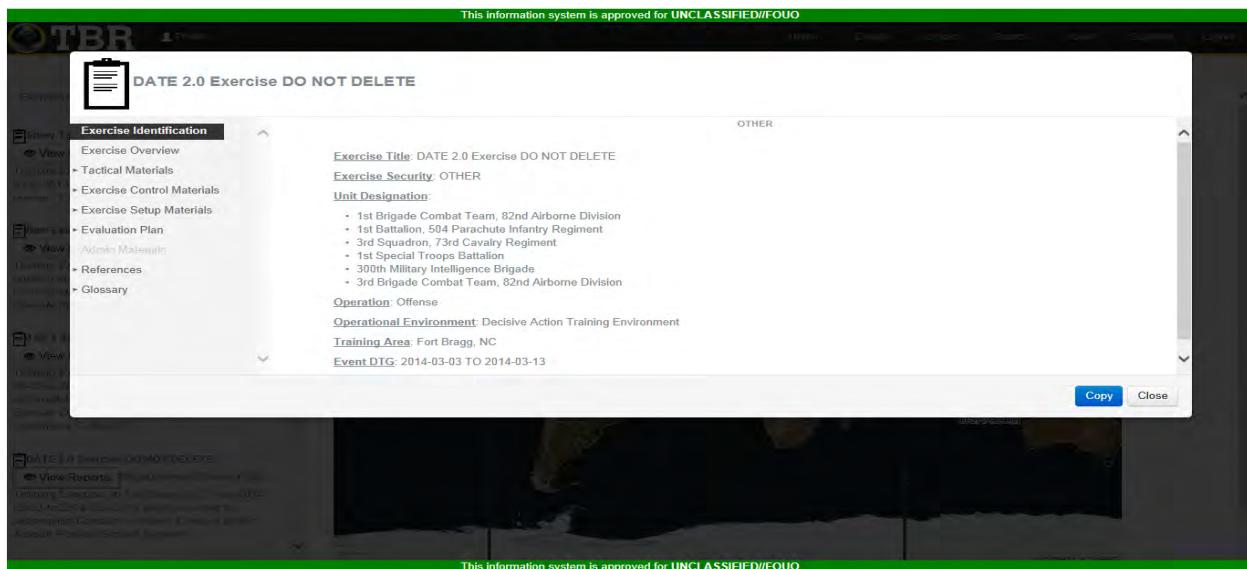


Figure 14: View Reports

4.4.1. Copying an Exercise for Reuse

This function is also designed to allow a copy of an exercise to be created. This copy will then be made available in the user's listing. At this point any modification or adjustments that need to be completed can be done and will leave the original exercise intact and un-manipulated. To copy an existing exercise select **Copy**, and provide a name for the exercise in the dialog box that the exercise will be known as and select **Finish** (See Figure 15). The application will then open up the exercise parameters window of the newly created copied exercise to allow further modification / refinement of the exercise to meet the requirements of their training exercise.

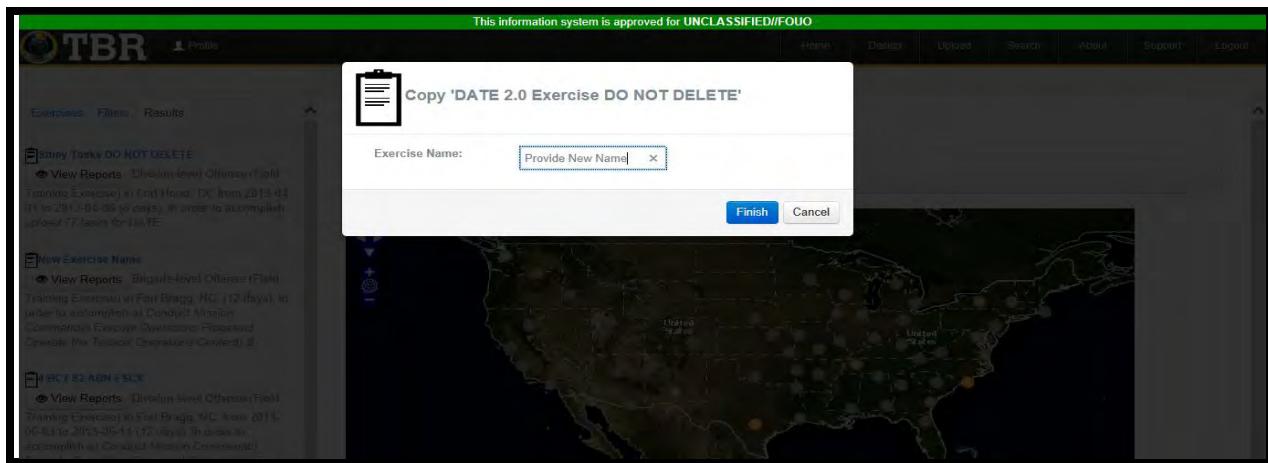


Figure 15: Copy Existing Exercise

5. Legacy Training Support Package

A legacy Training Support Package is a TSP that was not created using the TBR. A legacy TSP is merely a conglomeration of files and folders that aided in the execution of a previous exercise. A legacy TSP can be uploaded to the TBR if the unit feels that their TSP is of value to other units. The legacy TSP needs to be packaged in a .zip file and at a minimum consist of nine individual folders. These folders should be titled Event Identification, Event Overview, Tactical Materials, Event Control Materials, Event Setup Materials, Evaluation Plan, Admin Materials, References, and Glossary. Each of these folders will need to have specific items within (See Figure 16). However, not every folder will be required for every training event.

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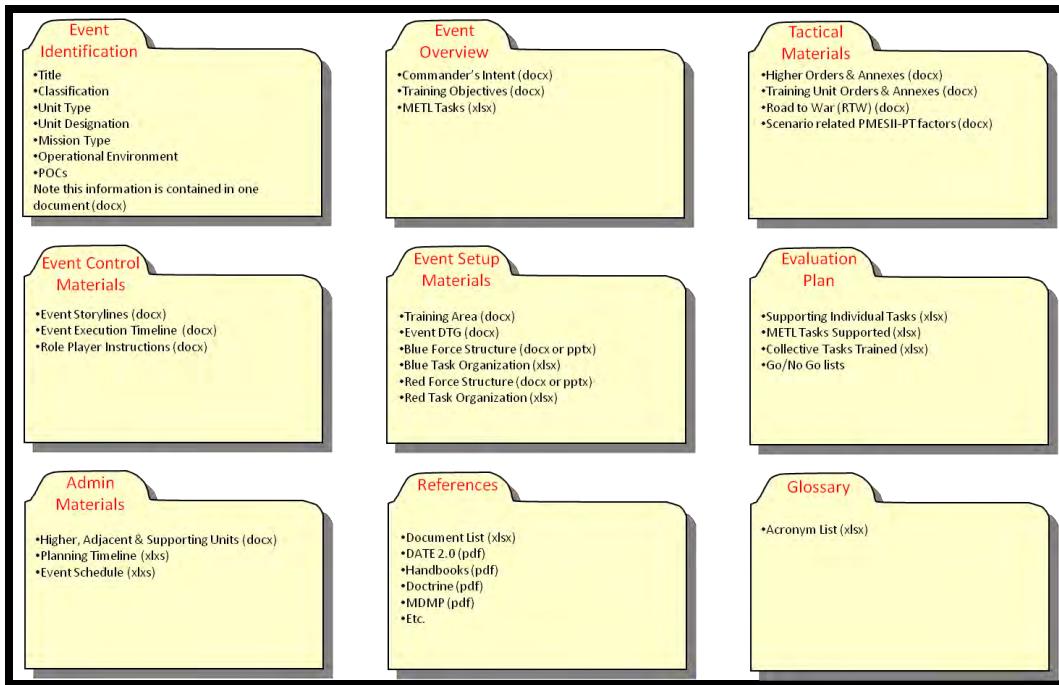


Figure 16: Legacy TSP Folder Breakdown

5.1. Upload Legacy Training Support Package

Once the Legacy TSP has been packaged in a .zip file as prescribed above in Figure 16 the package is ready to be uploaded to the TBR. To upload the Legacy TSP select **Upload** from the navigation bar, this will open the module to upload a Legacy TSP (see Figure 17). Provide a Name for the Legacy TSP, select **Browse...** and locate the .zip file to upload. Choose the appropriate classification level and certify the information being uploaded is appropriate for the Automated Information System (AIS). Next, select **Upload**.

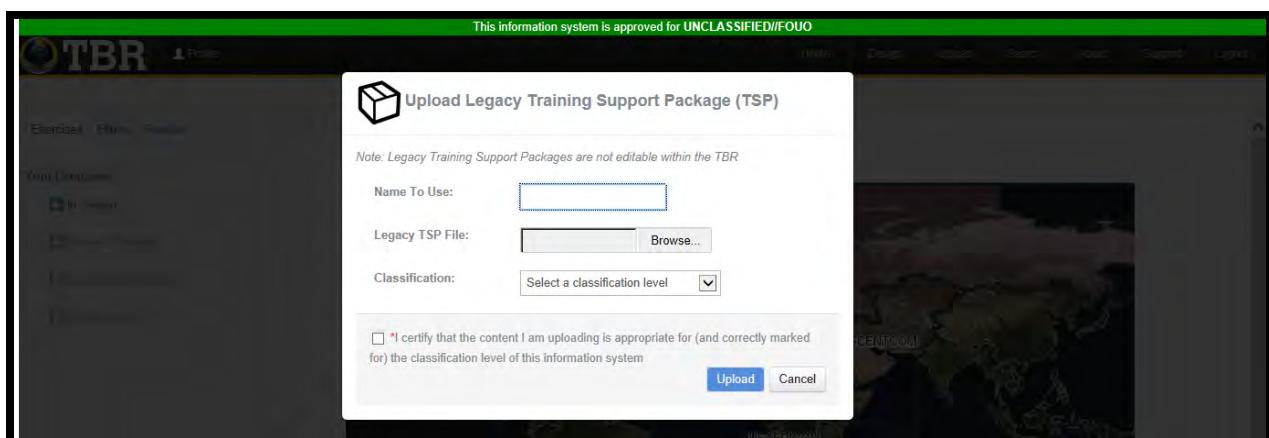


Figure 17: Upload a Legacy TSP

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The TBR will begin uploading the TSP; a status indicator may or may not show the status of the upload process (dependant on the package size). Once the upload has completed, the browser will be redirected to the TSP details page. Provide the details of the uploaded TSP. The details will allow other users to locate and re-use the uploaded TSP (see Figure 18). The details also serve as filters as shown on the search page of the TBR.

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Profile Home Design Upload Search About Support Logout

Example Upload Of A WTSP

Example Upload of a WTSP

Download: Portion Markings are required for the Title and Description of the Uploaded Legacy TSP

Title*: Example Upload of a WTSP

Description*: Provide a Description of the Uploaded TSP

Classification*: UNCLASSIFIED

Caveat:

Classification Certified*:

Start Date*: Define the Start and End Dates of the Uploaded TSP

End Date*: Specify the Training Location

Training Location*: Specify the Operational Environment Used within the TSP

Operational Environment*: Specify the Exercise Type Used within the TSP

Type*: Specify the type of Operation of the TSP

Operation:

Commander's Intent*: Provide the Commander's Intent of the Exercise

Commander's Training Objectives*: Provide the Training Objectives as Outlined by the Commander for the Exercise

State*: Select Closed after all Required Fields have been filled out.

In Progress

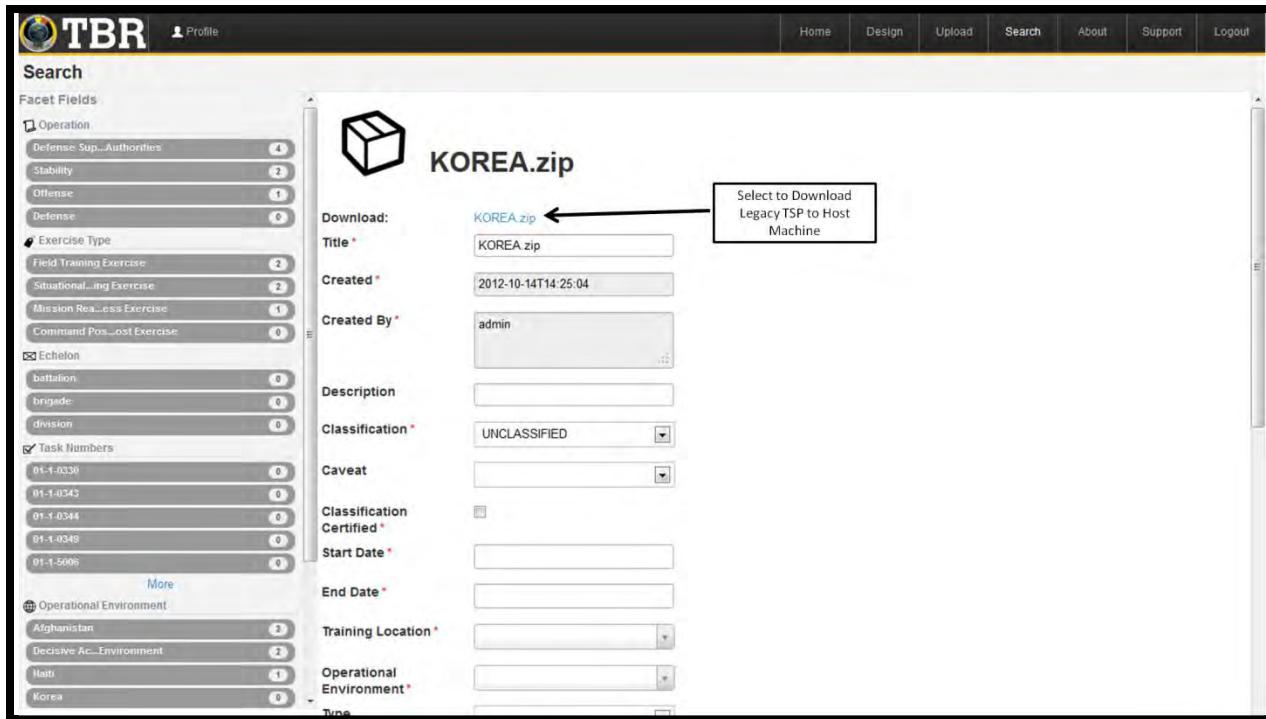
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Figure 18: Uploaded TSP Details Page

5.2. Reusing a Legacy Training Support Package

A legacy TSP that has been uploaded to the TBR can be reused by any user of the TBR. However, to reuse a legacy TSP the user must download the legacy TSP to the local machine. To download the legacy TSP of choice use the search function as described previously in the TBR User's Guide to locate the legacy TSP. Once the legacy TSP has been located select the exercise name download hyperlink to begin downloading the TSP to the user's local machine (See Figure 19). Select the location to save the .zip file to (see Figure 20). This will begin the download process and allows users to view the entire contents.

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The screenshot shows the TBR application's interface. On the left, there is a sidebar titled "Search" with various facet fields listed under "Facet Fields". These include categories like Operation, Defense Sup_Authorities, Stability, Offense, Defense, Exercise Type, Field Training Exercise, Situational_Ling Exercise, Mission Rehearsal Exercise, Command Post_Exercise, Echelon, Battalion, Brigade, Division, Task Numbers, Operational Environment, Afghanistan, Decisive Ac_Environment, Haiti, and Korea. Some fields have a count of 0 or 1 next to them. A "More" link is also present. At the top right, there are links for Home, Design, Upload, Search, About, Support, and Logout.

In the center, there is a form titled "KOREA.zip". It contains the following fields:

- Download: KOREA.zip (with a link labeled "Select to Download Legacy TSP to Host Machine")
- Title*: KOREA zip
- Created*: 2012-10-14T14:25:04
- Created By*: admin
- Description: (empty)
- Classification*: UNCLASSIFIED
- Caveat: (empty)
- Classification Certified*: (checkbox)
- Start Date*: (empty)
- End Date*: (empty)
- Training Location*: (empty)
- Operational Environment*: (empty)
- Type: (empty)

Figure 19: Download a Legacy Training Support Package

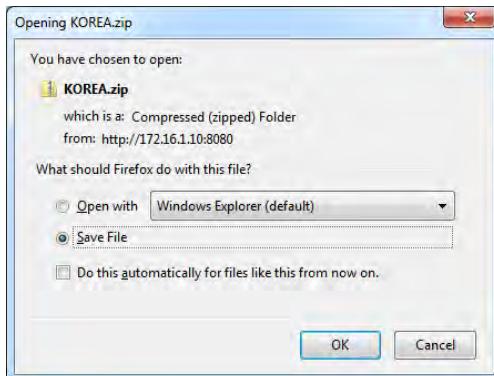


Figure 20: Saving Legacy TSP

After the selected TSP has been downloaded, users can view and modify the data to meet their exercise needs and utilize the TBR to complete their exercise specific training requirements by copying and pasting relevant information from the downloaded legacy TSP into the various exercise design phases of the TBR. By reusing the TBR the user is ultimately assisting other users in the future by allowing full reuse capability of the information and the TBR.

It is important to recognize that legacy TSPs must be modified from the downloaded version on the host machine. Changes made to these TSPs after downloading will not be stored in the TBR. An alternative to this method is to find an existing exercise in the TBR that supports your training requirement, and modify that exercise within the TBR, thus enabling others to collaborate, modify or reuse any component of that exercise.

6. Design an Exercise

TRADOC's Training Circular (TC) 7-101 – Exercise Design Guide; outlines the exercise development process. This process has been automated throughout the TBR to facilitate designing an exercise much quicker than traditional methods. The TBR assists Commanders and staffs in designing an exercise based upon a complex operational environment and creating the necessary supporting documentation, such as OPORDs, Road to War, role player instructions, and master scenario event lists. To accomplish this, the TBR is not only a repository of data and information, it is also a very powerful analytical tool that provides the relevant information to assist in the development of products supporting established exercise conditions, thus helping commanders achieve their training objectives.

The preceding sections will cover in great detail each phase of exercise development as prescribed by TC 7-101. The design process leverages additional Army and Joint Doctrine (i.e. FM 7-15, Decisive Action Training Environment 2.0 and JP 1-01) to ensure accuracy of content and completeness of development. To start a new exercise select **Design**, provide an exercise title and select **Create Exercise**. The exercise is now saved in the repository.

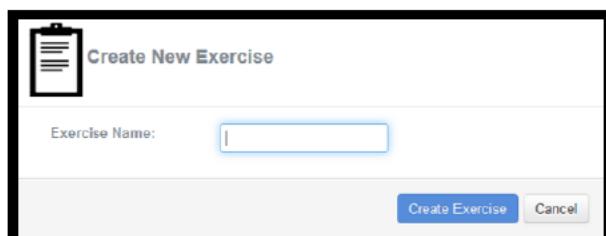


Figure 21: Create New Exercise

6.1. Phase I – Initial Planning

The purpose of initial planning is to define and develop the parameters of the exercise. By defining the exercise parameters, certain key decisions can be made, which gives the exercise planner the tools necessary to begin developing the exercise. The initial planning establishes who is to be trained, where they are to be trained, expected training outcomes, and what broad conditions will be replicated in the exercise's OE to meet the training objectives (TC 7-101).

Navigation through the Exercise design process can be done in multiple ways: via the navigational arrows **①**, **<**, or **>** at the top of the page. The navigational arrows are the preferred method for a user to proceed through the exercise design process of the TBR so that a portion of the design process is not overlooked. The navigational buttons displayed will be dependent on the location within the TBR that the user is currently at. The hierachal Table of Contents tree located on the far left of the TBR application screen, will allow navigate of the TBR to quickly jump to a specific section of the exercise. However, until a preceding phase is completed, additional follow on phases will not

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be available for selection in the hierachal table of contents tree. This is to prevent the skipping ahead and missing vital sections of the exercise design process. (See Figure 21)

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Software User Guide Select to Expand / Collapse Navigation Tree

T - INITIAL PLANNING

Exercise Parameters

Title: Software User Guide
From: _____ to: _____
Operational Environment: _____
Training Location: _____
Operation: _____
Type: _____

Commander's Intent

Purpose: Provide the Commander's Purpose for Conducting the Training Exercise
Key Tasks: _____
Additional Key Tasks can be added

Commander's Training Objectives

Conduct Counter Fires
React to Enemy Indirect Fires
Conduct Counter Attack
+ Add...

Map: Select the To and From dates of your exercise. Choose From Calendar
Auto Complete Field, Select from List Provided (Example: Decisive Action Training Environment)
Auto Complete Field, Begin Typing, Select from List Provided (Example: Fort Bragg)
Select Operation Type from Dropdown List
Recenter
Select the Exercise Type from Dropdown List
Map Will Change to Reflect Training Location Selected
Used to Reorder / Prioritize the Key Tasks
Select to Add the Task, Multiple Tasks can be added

Subsequent Phases are not Available Until Preceding Phase(s) have been completed
Portion Markings are required through out the TBR application

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Figure 22: Phase I - Exercise Parameters

Items marked with a red asterisk throughout the design process are required fields.

- Exercise Name

To edit the title, click on the exercise title. You can now edit your exercise title. This field must be filled in prior to moving to Phase II.

- Operational Environment (OE)

To assign or edit an Operational Environment select the pull-down arrow and begin typing the OE. Make a choice from the listing of OE's provided. This is an auto-complete field based on previously identified OEs. **Examples are: Decisive Action Training Environment (DATE), Afghanistan, Iraq, Haiti and Korea.** Based on the OE that is chosen the user will be provided the

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Road to War automatically within Phase IV of the exercise design Process, currently DATE is the only OE that will automatically provide the RTW.

- Training Location

To define or edit the training location, select the pull-down arrow and begin typing the training location where the exercise will physically take place. This is an auto-complete field. After typing the location, select the correct match from the list provided.

- Start and End Date

The “Start Date” and “End Date” of the exercise can be selected from the Calendar or can be typed directly into the field provided. The format is; YYYY-MM-DD.

- Operation

To edit the operation, click the pull-down arrow and enter one or more character and select an option from the dropdown menu. The options are: Offense, Defense, Stability and Defense Support to Civil Authorities.

- Type

To edit the operation, click the pull-down arrow and select an option from the dropdown menu. The options are: Situational Training Exercise, Field Training Exercise, Command post Exercise, and Mission Readiness Exercise.

- Classification

To edit the classification, click the pull-down arrow text and select the respective classification from the dropdown menu.

- Caveat

To edit the caveat, click the pull-down arrow text and select the respective caveat from the dropdown menu.

- Commander’s Intent

- Purpose – Provide the Commander’s reasoning behind conducting the exercise.
- Key Tasks - Provide the Commander’s Key Tasks. These key tasks will be the commanders’ direction on how he/she would like the exercise handled. After a key task has been entered the user must select  to add the task to the exercise. Repeat this process for each additional key task. The key tasks can be reordered based on priority if the user feels it is required by selecting the  icon.
- End State – Provide what the Commander has stated to be the end state or end goal of the exercise.

- Commander’s Training Objectives

The Commander’s Training Objectives are the objectives that the Commander has directed to be exercised during this exercise. These training objectives are the driving elements behind the exercise. To add training objectives click in the text box field to enter a training objective for the

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exercise and select . Repeat this process for each additional training objective. The training objectives can also be reordered based on priority by using the icon.

Once all required fields of the exercise parameters have been filled out select to begin defining whom the Training Audience(s) will be.

6.1.1. *Training Audience*

Begin by selecting and type in the unit name. Then select from the auto-complete list and click again. This will begin to build out the Task organization for the exercise. The order these are entered into the TBR is not important. TBR will recognize the echelon associated with that unit and build out the appropriate unit hierarchy. Multiple Units can be added to the task organization until all participating units have been identified and included (see Figure 23). Once complete select , to collapse the input form. Once a unit has been added, the next step is to select the Unit and add the “Training Objectives” for each unit. A unit can be deleted from the exercise by selecting if the unit is not required for the exercise.

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2nd Heavy Brigade Combat Team, 1st Ca...

1st Heavy Brigade Combat Team, 1st Ca...

II - COUNTERTASK DEVELOPMENT

COUNTERTASK DEVELOPMENT

View

Add Training Audience

Unit* Close Please enter 1 more character

Number of Training Tasks Associated with Unit

To Remove Units From the Exercise Select

Training Tasks
0
0
0

1st Cavalry Division

2nd Heavy Brigade Combat Team, 1st Cavalry Division

1st Heavy Brigade Combat Team, 1st Cavalry Division

* required field

Select unit or to Begin Adding Training Objectives for Each Unit

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Figure 23: Phase I - Add Training Audience

6.1.2. *Training Task*

After selecting a unit from the “Training Audience” List, the application will show the unit’s Training Audience Page. To add training tasks (AUTL or Collective Tasks) for an element, select

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 . Next, type the task title. The TBR will auto-complete and provide the closest matches based on the typed entry, make a selection from the provided list and select  . Multiple training tasks can be added for each training audience unit (see Figure 24). Once complete select  , to collapse the input form. If a task is unclear or further definition is needed for a task, select the task name from the added tasks to view a description of the task. If the task is from the Army Universal Task List (AUTL) it will contain a training objective. According to FM 7-0, each training objective has three parts:

- **Task** – A clearly defined and measurable activity accomplished by individuals and organizations. Tasks are specific activities that contribute to the accomplishment of encompassing missions or other requirements.
- **Conditions** – Those variables of an operational environment or situations in which a unit, system, or individual is expected to operate and may affect performance. (JP 1-02)
- **Standard** – A quantitative or qualitative measure and criterion for specifying the levels of performance of a task. (FM 7-0)

If the task is an Army Tactical Task (ART) just the task description will be displayed (see Figure 24). Training tasks can be deleted by selecting  if the task did not meet the requirements of the exercise. After adding all required training tasks for the Training Audience select  to add training tasks to any additional Training Audiences that have been identified. Upon completion of this step, select  to return to the Training Audience selection screen and then select  to continue on to Phase II - Countertask Development or select  from the left side Table of Contents navigation tree (see Figure 26).

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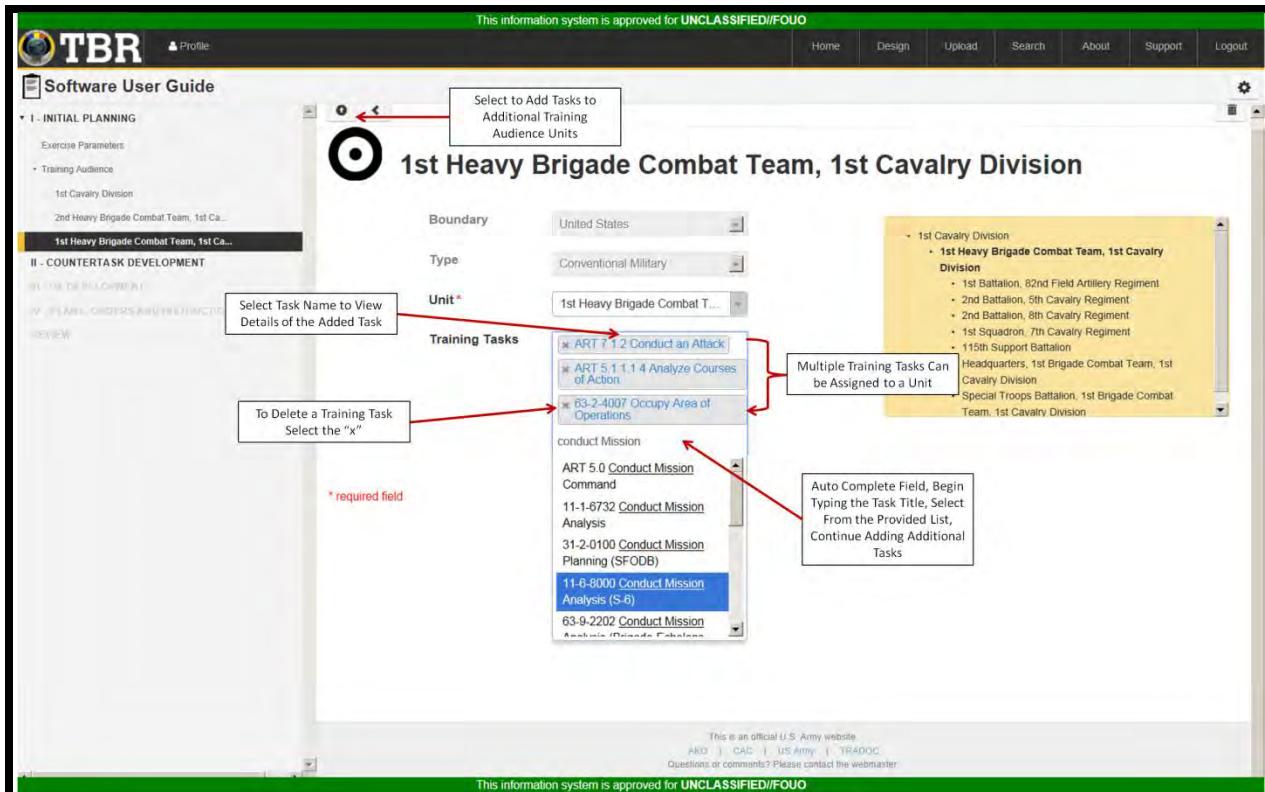


Figure 24: Phase I - Assign Training Tasks to Training Audience

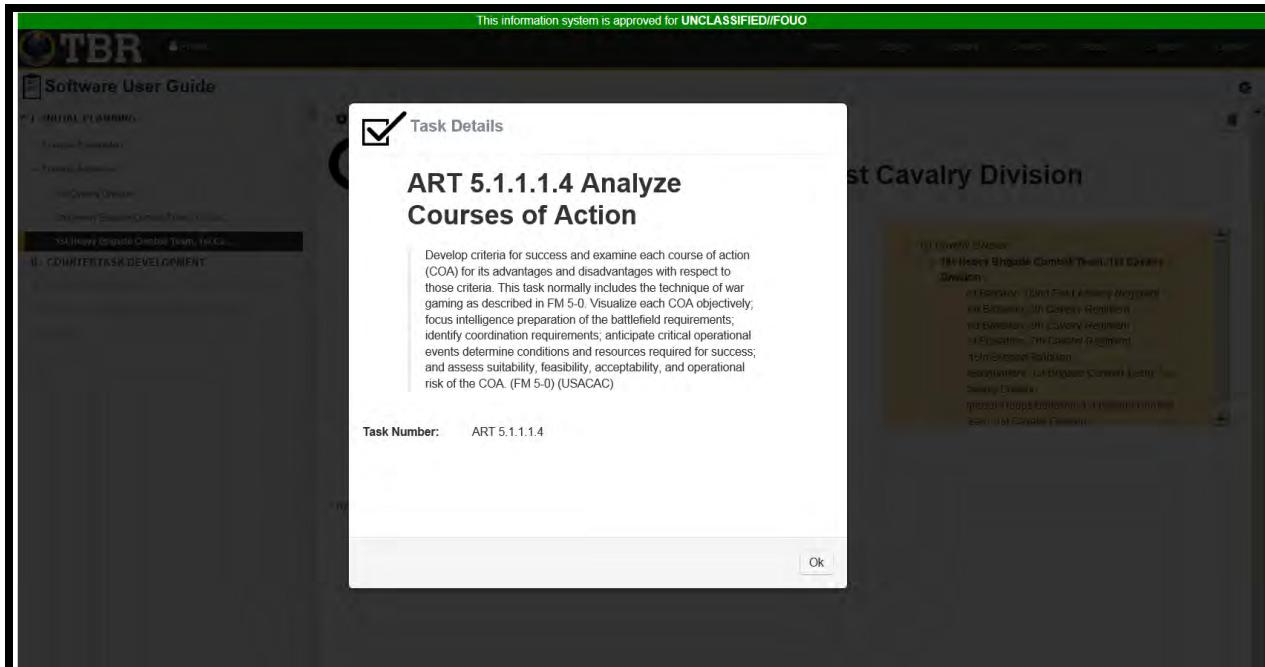


Figure 25: Phase I - Training Task Details

6.2. Phase II – Task and Counter-Task Development

The purpose of Phase II is for exercise planners to examine the selected training tasks and conduct an Opposing Force (OPFOR) counter task analysis in order to counter or stress the audience training unit. During this phase, it is assumed that the commander of the U.S. unit to be trained has already identified the units he wants trained in the selected tasks. Phase II is the earliest point at which OPFOR Order of Battle (OB) and task organization, along with adjustment of OPFOR equipment tiers (using the World Wide Equipment Guide (WEG)) could occur. However, this could also begin or be refined in Phase III or Phase IV. (TC 7-101)

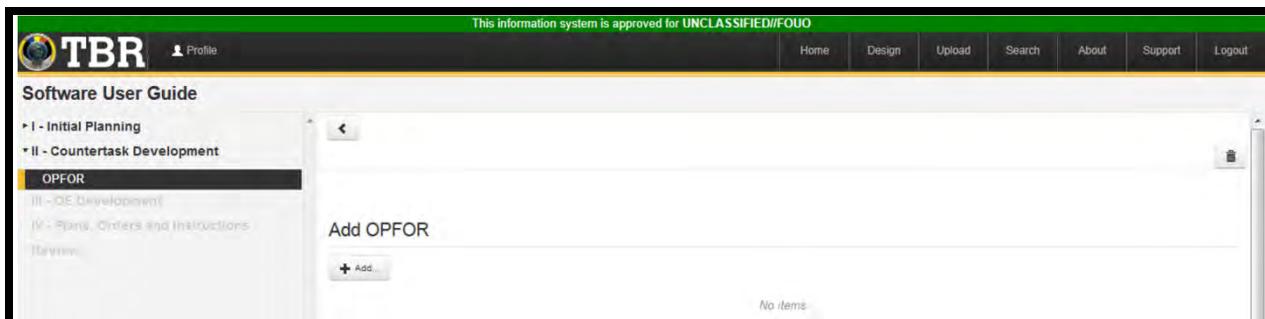


Figure 26: Phase II - Countertask Development

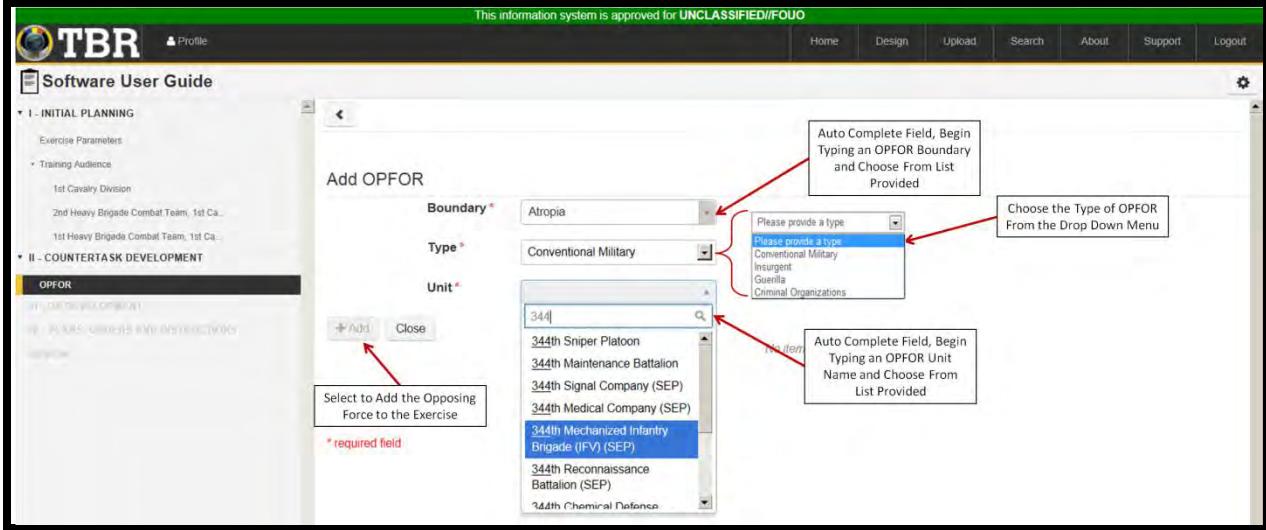
6.2.1. Define Opposing Forces

After defining the elements of Phase I, the next step in the exercise design process is to begin defining the initial OPFOR Order of Battle and Counter Tasks. Begin by selecting **+ Add** to display the OPFOR input form (see Figure 26).

- Country/Region
In the text box, begin typing the country or region from which the OPFOR will originate. Then select the appropriate choice from the auto-complete list. If the country or region desired is not available, contact the TBR help desk.
- Type
Select the drop down menu, and choose the appropriate force type for desired for the exercise. The options are: Conventional Military, Guerilla, Insurgent, and Criminal Organizations.
- Unit
Begin by typing the OPFOR unit name. The TBR will auto-complete to provide a list of units available from the selected OE based on the country or region. Once an OPFOR has been identified select the OPFOR unit and click **+ Add** to add the OPFOR element to the exercise. OPFOR units can be deleted from the exercise by selecting

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■ . Once complete, select  , to collapse the input form. If the unit that is desired to use for the OPFOR is not displayed contact the TBR help desk.



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1st Heavy Brigade Combat Team, 1st Ca...

II - COUNTERTASK DEVELOPMENT

OPFOR

+ Add... Close

Boundary * Atropia

Type * Conventional Military

Unit * 344

Select to Add the Opposing Force to the Exercise * required field

Please provide a type

Conventional Military

Insurgent

Guerrilla

Criminal Organizations

344th Sniper Platoon

344th Maintenance Battalion

344th Signal Company (SEP)

344th Medical Company (SEP)

344th Mechanized Infantry Brigade (IFV) (SEP)

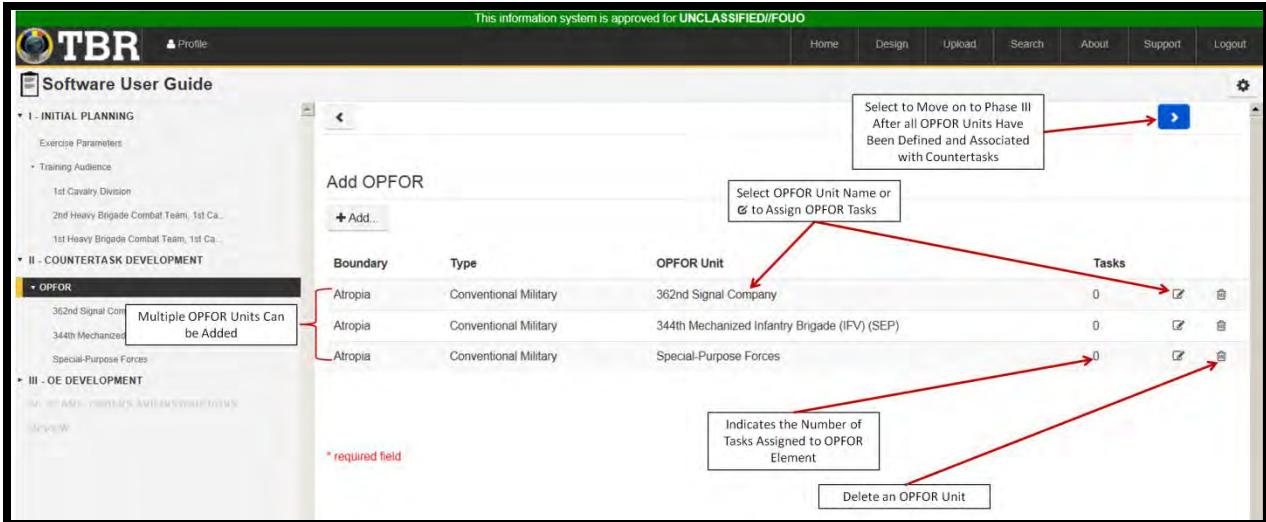
344th Reconnaissance Battalion (SEP)

344th Chemical Defence

Auto Complete Field, Begin Typing an OPFOR Unit Name and Choose From List Provided

Figure 27: Phase II - Add Opposing Forces

Multiple OPFOR elements can be added to the exercise (see Figure 28).



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1st Heavy Brigade Combat Team, 1st Ca...

II - COUNTERTASK DEVELOPMENT

OPFOR

Multiple OPFOR Units Can be Added

+ Add...

Boundary	Type	OPFOR Unit	Tasks
Atropia	Conventional Military	362nd Signal Company	0
Atropia	Conventional Military	344th Mechanized Infantry Brigade (IFV) (SEP)	0
Atropia	Conventional Military	Special-Purpose Forces	0

* required field

Select to Move on to Phase III After all OPFOR Units Have Been Defined and Associated with Countertasks

Select OPFOR Unit Name or & to Assign OPFOR Tasks

Indicates the Number of Tasks Assigned to OPFOR Element

Delete an OPFOR Unit

Figure 28: Phase II - Select OPFOR Unit to Assign OPFOR Tasks

6.2.2. Adding Opposing Force Objectives

After adding OPFOR units to the exercise select each OPFOR unit from the generated list and add countertasks to that element (see Figure 28). The OPFOR tasks that are resident within the TBR are derived from TC 7-101, Appendix B.

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Begin typing the OPFOR countertask and select the appropriate match from the provided list of results (see Figure 29). After a countertask has been chosen, begin to type the name of the next countertask, and make a selection.

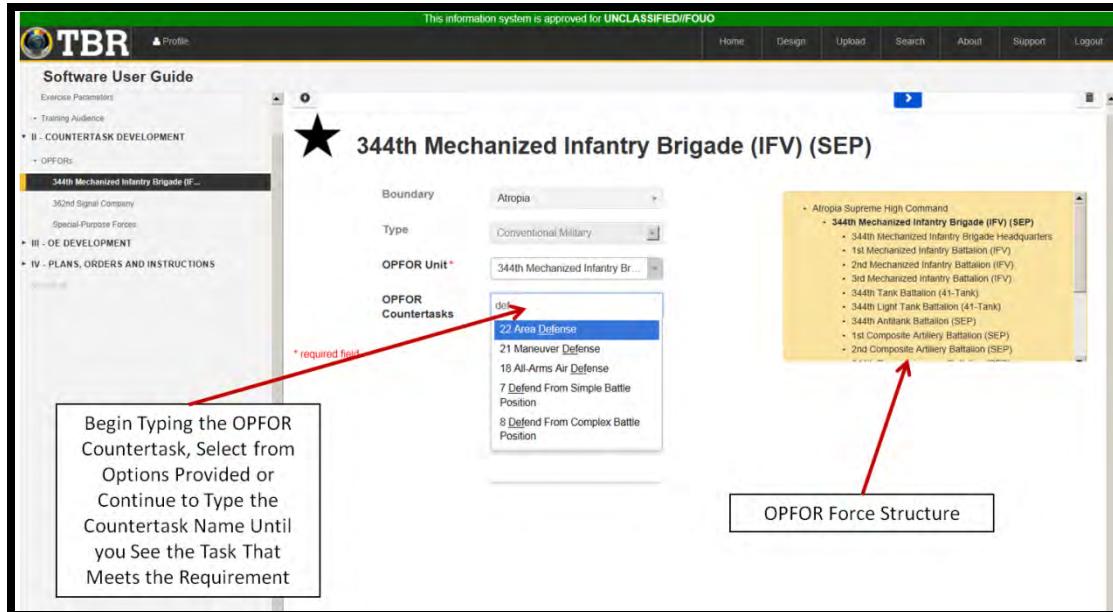


Figure 29: Phase II - Add OPFOR Countertask

Continue this process until all countertasks have been added to the opposing force. Multiple countertasks can be added for each OPFOR element. OPFOR countertasks can be deleted from the OPFOR unit by selecting to the left of the countertask. From the OPFOR Countertask View select the task title to view the details that are related to the task that has been assigned. To return to the OPFOR Counter Task View simply select , and continue to add any additional OPFOR Countertasks, to continue designing the exercise return to the Phase II page by selecting or **II - Countertask Development**. Select or **III - OE Development** to move to the next phase of the exercise development process.

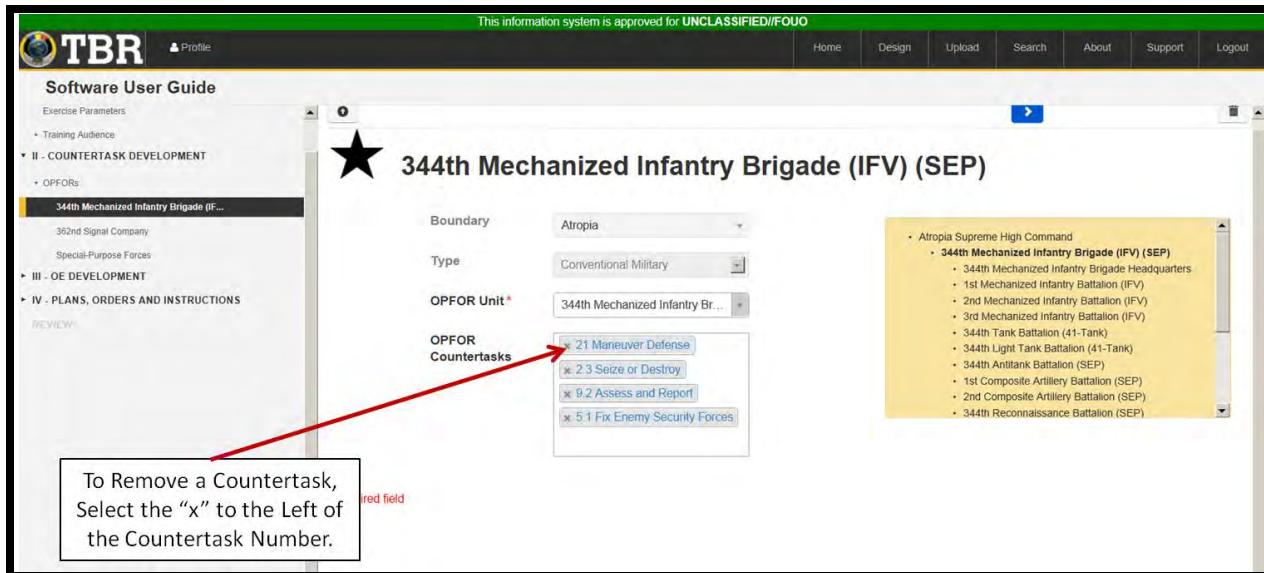


Figure 30: Phase II - Remove OPFOR CounterTask

6.3. *Phase III – OE Development*

At this point, the exercise planner has analyzed and integrated the exercise parameters and OPFOR counter-tasks. The next step is to match the results of phases 1 and 2 to the appropriate OE conditions for the training scenario. **This step is critical because it essentially creates the conditions for the selected unit training objectives.** These conditions, when combined with the standards for the Mission Essential Task List (METL), help commanders assess unit readiness for a mission. Upon completion of this phase, all the conditions for the training exercise are set. (TC 7-101)

The next step in the Exercise Design process is to build the conditions or events that will support the exercise training Objectives. The OE Development portion of the TBR consists of Storylines, Events, and Role Player information. The Storylines are a collection of events to drive specific objectives and variables of the exercise.

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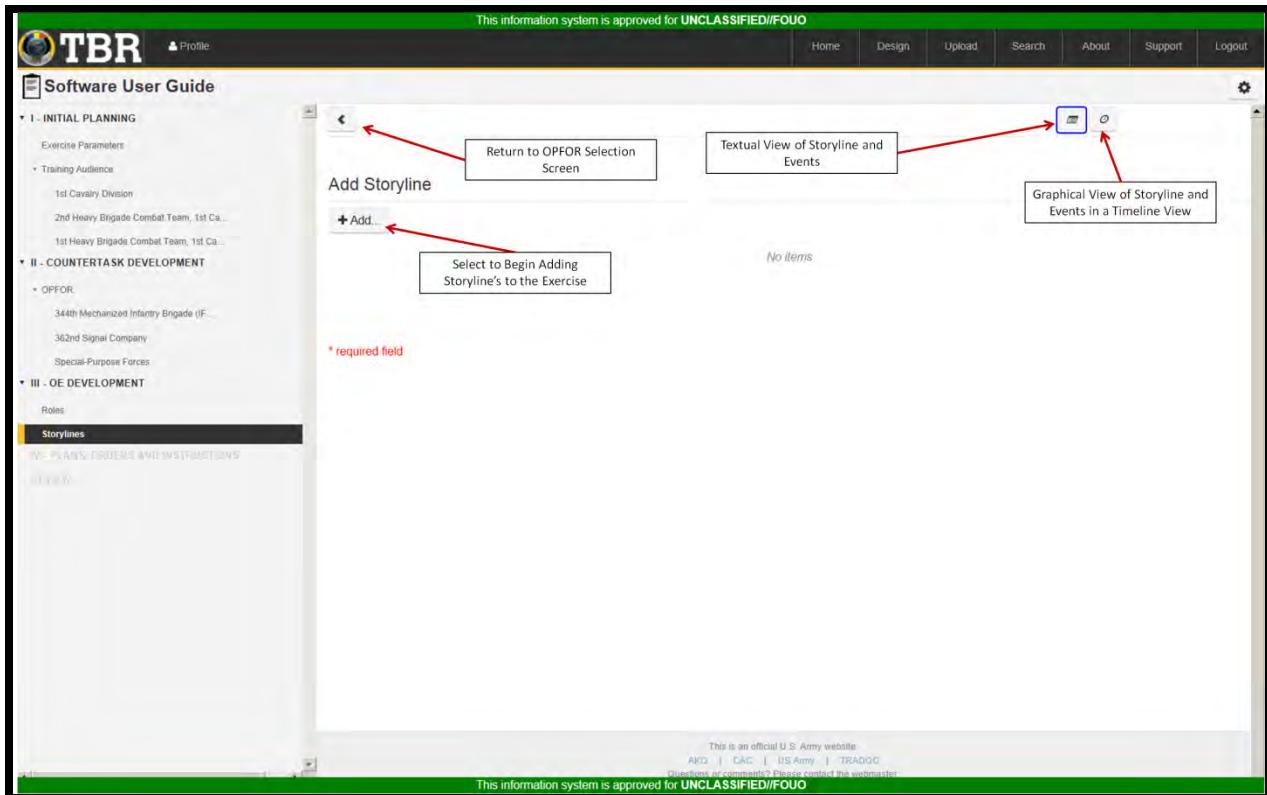


Figure 31: Phase III - OE Development

6.3.1. *Storylines*

To start, select **+ Add** to open the input form. There are two options for adding storylines to an exercise. An existing storyline from the repository can be imported or a new storyline can be created using the TBR interface (See Figure 32). If an existing storyline is imported from the repository, all elements of that storyline can later be modified based the exercise training requirements. Storylines can be deleted from the exercise by selecting **█**. After all storylines have been added, select **Close** to collapse the input form.

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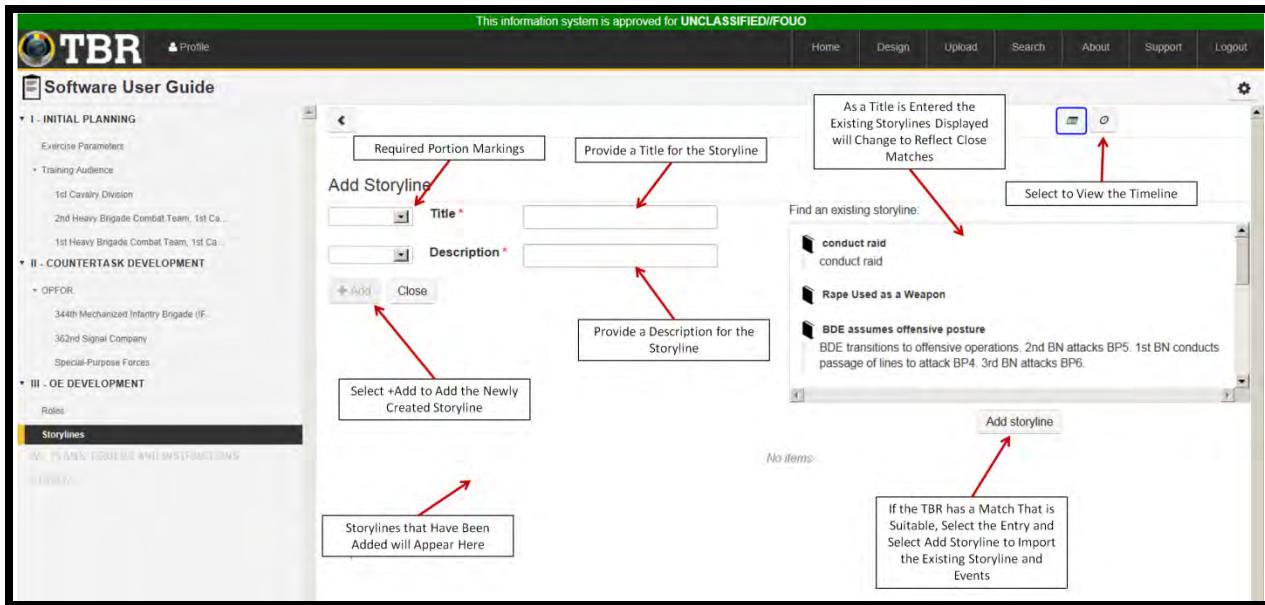


Figure 32: Phase III - Create New or Import Existing Storylines

- **Create New**

Creating a New Storyline is done by Providing a Title and Description of the Storyline.

Type in a Title and Description in the appropriate field and select **+ Add**. Multiple Storylines can be added. As each is added, they appear on the storyline list.

- **Add Existing Storyline from the Repository**

As you type in the storyline Title, you will notice existing storylines that match your text appear in the existing storyline box. To add an existing storyline, select the desired storyline and then click **Add storyline**. Multiple Storylines can be selected and added at the same time by holding down the Ctrl key. Adding an existing storyline will include all events and attachments associated with the storyline(s) selected.

- **Editing Storylines**

Storylines, whether newly created or imported, can be edited. Each storyline contains the following fields (see Figure 33).

- **Title**

The title is to provide a meaningful name association for the events that will transpire within the storyline itself for quick identification for the exercise planner as well as others that may decide to import it for reuse.

- **Description**

The description is a quick synopsis of the events that will ultimately unfold during the storyline.

- **Start Date**

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Storylines imported or created will default to the start date of the exercise. This can be adjusted by selecting from the calendar or can be typed into the field provided. The format if typed should follow: YYYY-MM-DD (see Figure 30).

- Events
A storyline is of no value until events have been associated with it. These are the events that will take place during the storyline. Adding events is covered in section [6.3.2](#) of the user's guide.
- Attachments
Attachments can be added to the storyline to supply extra information such as graphics, media, and textual documents. Adding attachments is covered in section [6.3.3](#) of the user's guide.

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- OPFOR
 - 34th Mechanized Infantry Brigade (IF... - 362nd Signal Company
 - Special-Purpose Forces

III - OE DEVELOPMENT

- Storylines
 - Religious Shrines Targeted**
 - Suicide bomber attacks shrine
 - Hospitals overwhelmed
 - Military US assistance is requ...
 - Stranded travelers aggravate o...

IV - PLANS, ORDERS AND INSTRUCTIONS

Roles

Return to the Storylines Screen

Select to View the Timeline

Ability to Edit the Storyline Title

Ability to Edit the Storyline Description

Adjust the Start Date of the Storyline

Required Portion Markings

Add or Delete events of the Storyline

Add an Attachment to the Storyline

Events

Start Date	Title	Type
2013-07-16 00:00:00	Suicide bomber attacks shrine on holy day	Standard
2013-07-16 09:43:21	Hospitals overwhelmed	Standard
2013-07-16 19:32:39	Military US assistance is requested	Standard
2013-07-16 07:59:45	Stranded travelers aggravate over-stressed basic services. Lack of access to water and food increases tension and previously quiet groups begin to demand assistance from the government	Standard

No items

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Figure 33: Phase III - Edit Storyline

6.3.2. Events

An event is added to a storyline. To start select a storyline title. Next, select **+ Add** to open the input form. Events are added in the same manner as storylines. An existing event from the repository can be imported for reuse or a new event can be created from scratch. There are currently three event types that can be added to a storyline. The events are: Audience, OPFOR, and Meeting. Each of these events will be explained in detail. The events associated with a

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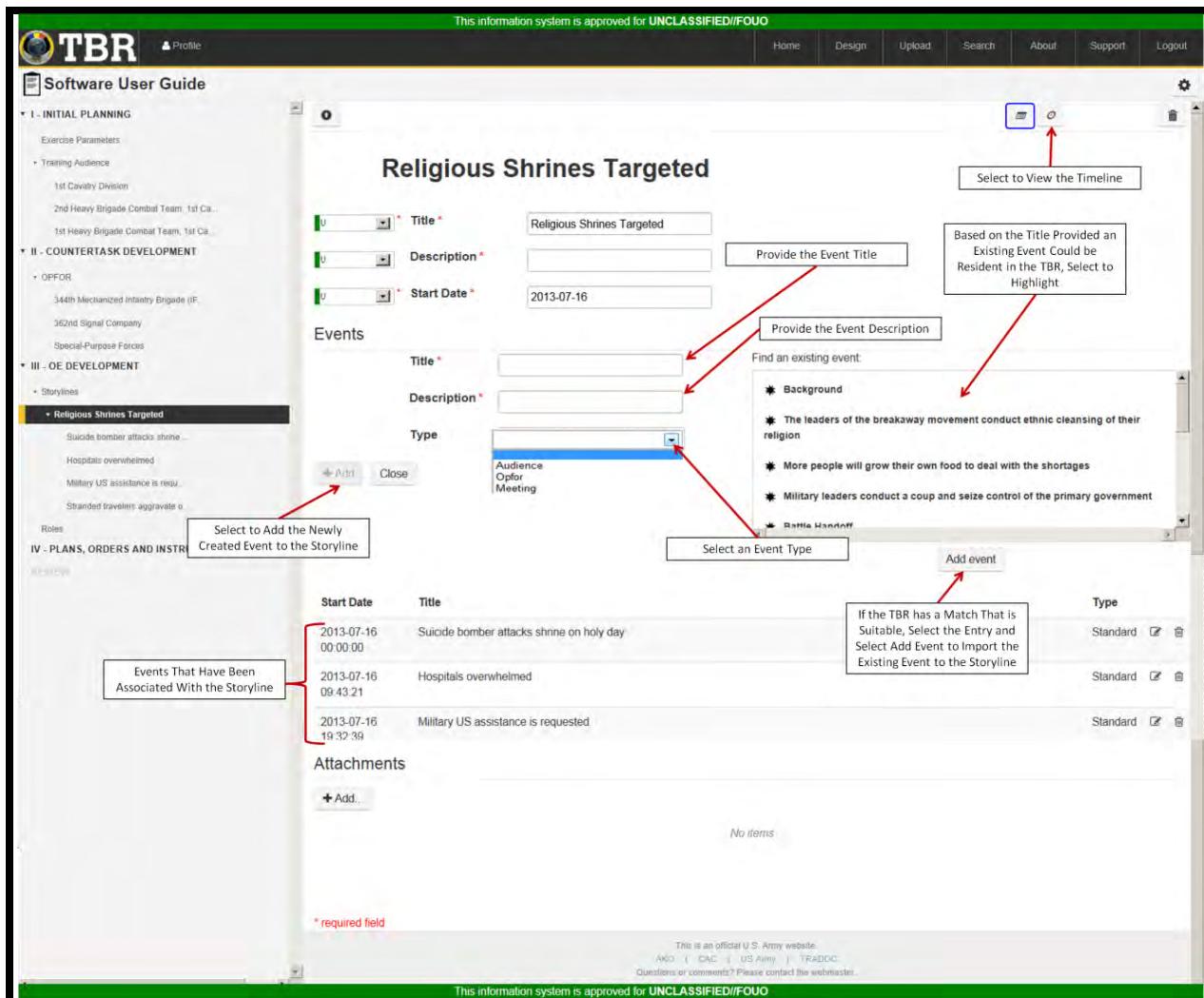
storyline can be deleted from the exercise by selecting  . Once complete select  , to collapse the input form.

- Create New

Creating a New Event is done by selecting the event type from the pull-down menu, providing a title and description of the event in the appropriate field and selecting  (See Figure 34).

- Add Existing Events from the Repository

As you type in title, you will notice existing events that match your text appear in the existing event box. To add an existing event, select the desired event (highlights in yellow) and select  . Multiple Events can be selected and added at once to the storyline by selecting all of the events that meet the needs of the exercise designer want to add.



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II - COUNTERTASK DEVELOPMENT

- OPFOR
- 344th Mechanized Infantry Brigade (IF..
- 362nd Signal Company
- Special-Purpose Forces

III - OE DEVELOPMENT

- Storylines
- Religious Shrines Targeted**
 - Suicide bomber attacks shrine ...
 - Hospitals overwhelmed
 - Military US assistance is requ...
 - Stranded travelers aggravate o...

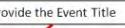
IV - PLANS, ORDERS AND INSTRUCTIONS

Roles

Select to Add the Newly Created Event to the Storyline  

Events

Religious Shrines Targeted

Title * Religious Shrines Targeted 

Description * 

Start Date * 2013-07-16 

Type 

Audience
Opfor
Meeting

Background
The leaders of the breakaway movement conduct ethnic cleansing of their religion
More people will grow their own food to deal with the shortages
Military leaders conduct a coup and seize control of the primary government

Battle Handoff

Add event

Events That Have Been Associated With the Storyline

Start Date	Title	Type
2013-07-16 00:00:00	Suicide bomber attacks shrine on holy day	Standard
2013-07-16 09:43:21	Hospitals overwhelmed	Standard
2013-07-16 19:32:39	Military US assistance is requested	Standard

Attachments 

No items

* required field

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AMC | ICAC | US Army | TRADOC
Questions or comments? Please contact the webmaster.

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Figure 34: Phase III - Add Event to Storyline

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- Editing Events

Events, whether created or imported, can be edited. However, the event types cannot be changed. To change an event type, you must delete the event and then create a new event with the appropriate event type. Each event contains the following fields:

- Name

Provide a meaningful name that relates to the event.

- Description

Provide a description that summarizes the event.

- Start Date

Events will default to the Storyline start date identified. Time can also be added to each event. This can be adjusted by selecting the date. Choose the new date from the calendar and adjust the time using the time pull-down below the calendar. Additionally, the date and time can be typed into the field provided. The format is: YYYY-MM-DD HH:MM:SS. (See Figure 32)

- End Date

End dates are optional for each event. This can be adjusted by selecting the date or “please provide an end date” text. Then choose the new date from the calendar and adjust the time using the time pull-down below the calendar. Additionally, the date and time can be typed into the field provided. The format is: YYYY-MM-DD HH:MM:SS. (See Figure 35)

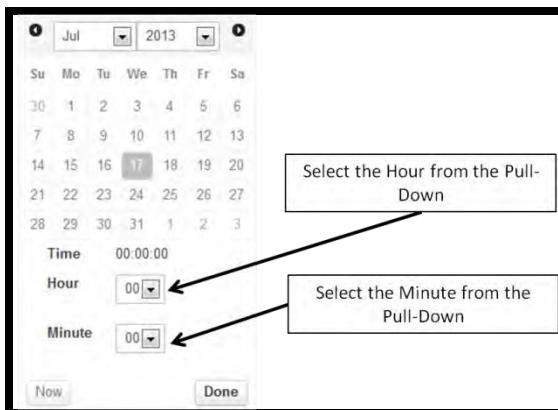


Figure 35: Date and Time Calendar

- Unit

The unit field is designed to only allow the exercise planner to choose a unit that was identified in Phase I – Exercise Parameters for the training audience or from Phase II – Countertask Development.

- Tasks

These are the tasks that are directly associated with the event. These tasks could be reflective of the training audience or of the OPFOR.

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- Role

A role player can be assigned to a specified event. This role player will play a vital part in the actual event. This role player could be a physical person on the ground acting as the role player or a notional character within the exercise. The creation of a role player will not take place in the TBR until after the completion of the storyline and events. After the storyline and events have been completed select  two times to return to the main storyline page, then select  to begin adding Roles to the exercise. (see [Section 6.3.6](#))
- Instructions

The instructions field relates to the role player. This field is designed to capture the specific instructions that the role player should carry out within the exercise event. If the role player is an actual physical person he/she should be given these instructions.
- Variable Condition

Each event can have multiple variable conditions added. To add a PMESII-PT variable, select  and choose the appropriate PMESII variable. The next step is to provide the condition of the selected variable and then select  (see Figure 36). To reorder the PMESII-PT variables in order of priority select  and drag up or down to meet the requirement. To remove a PMESII-PT variable select the  icon. For additional information on PMESII-PT Variables can be found in section [6.3.3](#) of the user's guide.

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The screenshot shows the TBR Software User Guide interface for Phase III - Variable Conditions. The main window contains the following fields:

- Title:** Suicide bomber attacks shrine on holy day (with a dropdown menu for modification)
- Description:** (empty input field)
- Type:** (dropdown menu showing 'Audience OPFOR Meeting')
- Start Date Time:** 2013-07-16T00:00:00
- End Date Time:** (empty input field)
- Unit:** (dropdown menu showing 'Audience OPFOR Meeting')
- Tasks:** (empty input field)
- PMESII-PT:** (list of variables: Economic, Political, Military, with dropdown menus for condition and value)
- Attachments:** (button '+ Add...' with a dropdown menu showing options: Political, Military, Economic, Social, Infrastructure, Information, Physical Environment, Time)

Callout boxes with red arrows provide detailed explanations for various fields:

- Modify the Event Title if Necessary** (points to the dropdown menu next to the Title field)
- Provide a Description of the Event** (points to the empty Description field)
- Chose the Event Type from Dropdown Menu** (points to the dropdown menu for Type)
- Specify the Start and End Date/Time for the Event** (points to the Start Date Time field)
- The Available Options for Unit is Related to the Event Type Chosen Above.** (points to the dropdown menu for Unit)
- Specify any Tasks Associated with the Event by Typing the Event Name and Choosing from the Auto Complete Dropdown List** (points to the Tasks field)
- Provide Specified Condition That will Appropriately Interact with the Variable Selected** (points to the Condition dropdown menu in the PMESII-PT section)
- Reorder PMESII-PT Variables** (points to the 'Add' and 'Close' buttons in the PMESII-PT section)
- Select to add Attachments to the Event** (points to the '+ Add...' button)
- Specify a PMESII-PT Variables from the Dropdown Menu to add a Level of Complexity to Event** (points to the dropdown menu for Attachments)

At the bottom of the window, there are two status bars: "This information system is approved for UNCLASSIFIED//FOUO" and "This is an official U.S. Army website".

Figure 36: Phase III - Variable Conditions

- Event Type Specific Fields
 - Training Audience events allow the users to designate the specific element of the training audience that the event is being developed for. The selections of units available to assign to these events are based on the training audience entered in Phase I. (See Figure 37)

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Audience Event

Title * Audience Event

Description * Audience Event

Type Audience

Start Date Time * 2013-07-16T00:00:00

End Date Time *

Unit *

Begin Typing a Unit or a Subordinate Unit of the Unit(s) Defined in Phase I – Exercise Parameters – Training Audience, Make a Selection Based Upon the Elements Available

Tasks 31-5-0203 Interdict a Target

Role *

Instructions *

PMESII-PT

+ Add...

Attachments

+ Add...

Select to View the Timeline

Figure 37: Phase III - Training Audience Event

- OPFOR events allow users to designate the specific element of the OPFOR that the event is being developed for. The selections of OPFOR units available to assign OPFOR events are based on the OPFOR entered in Phase II. (See Figure 38)

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OPFOR Event

Title * OPFOR Event

Description * OPFOR Event

Type OPFOR

Start Date Time * 2013-07-16T21:33:51

End Date Time *

OPFOR Unit *

Begin Typing a Unit or a Subordinate Unit of the OPFOR Defined in Phase II – Countertask Development–OPFOR, Make a Selection Based Upon the Elements Available

Tasks

Role *

Instructions *

PMESII-PT

+ Add...

Select to View the Timeline

Figure 38: Phase III - OPFOR Event

- Meeting events allow users to designate the specific element of the training audience that the event is being developed for, and identifies which role player will be associated with that event. The selections of units available to assign to these events are based on the training audience entered in phase I. Role player selections are based on roles created during Phase III. You can provide special instructions, as needed. (See Figure 39)

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Software User Guide

I. INITIAL PLANNING

- Exercise Parameters
- Training Audience
 - 1st Cavalry Division
 - 2nd Heavy Brigade Combat Team, 1st Ca...
 - 1st Heavy Brigade Combat Team, 1st Ca...

II - COUNTERTASK DEVELOPMENT

- OPFOR
 - 34th Mechanized Infantry Brigade (IF...
 - 362nd Signal Company
 - Special-Purpose Forces

III - OE DEVELOPMENT

- Storylines
 - Religious Shrines Targeted
 - Hospitals overwhelmed
 - Suicide bomber attacks shrine ...
 - Military US assistance is requ...
 - Stranded travelers aggravate o...
 - Audience Event
 - OPFOR Event

Meeting Event

IV - PLANS, ORDERS AND INSTRUCTIONS

Meeting Event

PMESII-PT

Add...

Attachments

Add...

Select to View the Timeline

Begin Typing a Unit or a Subordinate Unit of the Training Audience, Make a Selection Based Upon the Elements Available

Figure 39: Phase III - Meeting Event

6.3.3. Variable Conditions

Operational Variables (political, military, economic, social, information, infrastructure, physical environment, and time [PMESII-PT]) and Conditions create a realistic Operational Environment. By using the PMESII-PT variables and incorporating them into every aspect of the scenario, the training audience will experience a realistic and challenging exercise.

- **Political** – Describes the distribution of responsibility and power at all levels of governance formally constituted authorities, as well as informal or covert political powers. (Who is the tribal leader in the village?)
- **Military** – Explores the military and/or paramilitary capabilities of all relevant actors (enemy, friendly, and neutral) in a given OE. (Does the enemy in this particular neighborhood have anti-tank missiles?)

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- **Economic** – Encompasses individual and group behaviors related to producing, distributing, and consuming resources. (Does the village have a high unemployment rate that makes it easy for the enemy to get villagers to perform tasks for pay or other benefits?)
- **Social** – Describes the cultural, religious, and ethnic makeup within an OE and the beliefs, values, customs, and behaviors of society members. (Who are the influential people in the village for example, religious leaders, tribal leaders, warlords, criminal bosses, or prominent families?)
- **Information** – Describes the nature, scope, characteristics, and effects of individual's organizations, and systems that collect, process, disseminate, or act on information. (How much access does the local population have to news media or the internet?)
- **Infrastructure** – Is composed of the basic facilities, services, and installations needed for the functioning of a community or society. (Is the electrical generator in the village working?)
- **Physical Environment** – Includes the geography and man-made structures as well as the climate and weather in the area of operations. (What types of terrain or weather conditions in this AO favor enemy operations?)
- **Time** – Describes the timing and duration of activities, events, or conditions within an OE, as well as how the timing and duration are perceived by various actors in the OE. (At what times are people likely to congest roads or conduct activities that provide a cover for hostile operations?)

For additional information on PMESII-PT Variables see TC 7-101 Chapter 3.

6.3.4. Attachments

To add an attachment to any of the Storylines or Events, select  to add an attachment.

Next, select  to choose a file. Choose a classification from the dropdown menu and check the box to certify that all content is appropriate for the classification level of the system.

Select  to attach the file. Once complete you can select  to collapse the input form.

The screenshot shows the TBR Software User Guide interface. On the left, there's a navigation menu with sections like 'I - INITIAL PLANNING', 'II - COUNTERTASK DEVELOPMENT', 'III - OE DEVELOPMENT', and 'IV - PLANS, ORDERS AND INSTRUCTIONS'. A specific section under 'III - OE DEVELOPMENT' is highlighted with a yellow bar, showing 'Strategies' and 'Religious Shrines Targeted' items. The main panel is titled 'PMESII-PT' and contains a form for adding attachments. The form includes fields for 'Title', 'Description', 'Classification', 'Caveat', and 'Classification Certified'. Below the form is a 'Browse' button and an 'Add' button. To the right of the form, there are several callout boxes with instructions: 'Provide a Title for the Attachment' (Title field), 'Provide a Brief Description of the Attachment' (Description field), 'Select Pull-Down, Choose Appropriate Classification of Attachment' (Classification dropdown), 'Select Pull-Down, Choose Appropriate Caveat for the Attachment if One is Required' (Caveat dropdown), 'Select Check Box to Certify the Classification is Appropriate for the Classification of the System/Network' (Classification Certified checkbox), and 'Select to Browse and Locate File to Add as a Attachment' (Browse button). A red arrow points from the 'Classification Certified' checkbox to its descriptive text.

Figure 40: Add an Attachment

6.3.5. Timeline

To view your exercise storylines and events on a timeline view, select the button. This button is located at the top right of the storyline and event pages. The timeline is designed to provide the exercise planners a holistic view of the storyline and events to depict the order, date, and time in which an action is set to take place. The timeline will also allow you to drag items on the timeline to adjust when they should occur. (See Figure 41)

Selecting a storyline will move the entire storyline and associated events. Selecting events will adjust only that event. To move any item on the timeline, select and hold while moving your mouse to the new date.

Events are colored to represent the event type:

- Standard Event – **Green**
- Audience Event – **Dark Blue**
- OPFOR Event – **Red**
- Meeting Event – **Light Blue**

Events that have a start and end date/time will display as a rectangle over the appropriate time period, events with no end date will display as diamonds.

Zoom into a particular time using the zoom controls at the top right of the timeline view, zooms in, zooms out. You can also scroll up and down or left and right within the timeline to view additional content.

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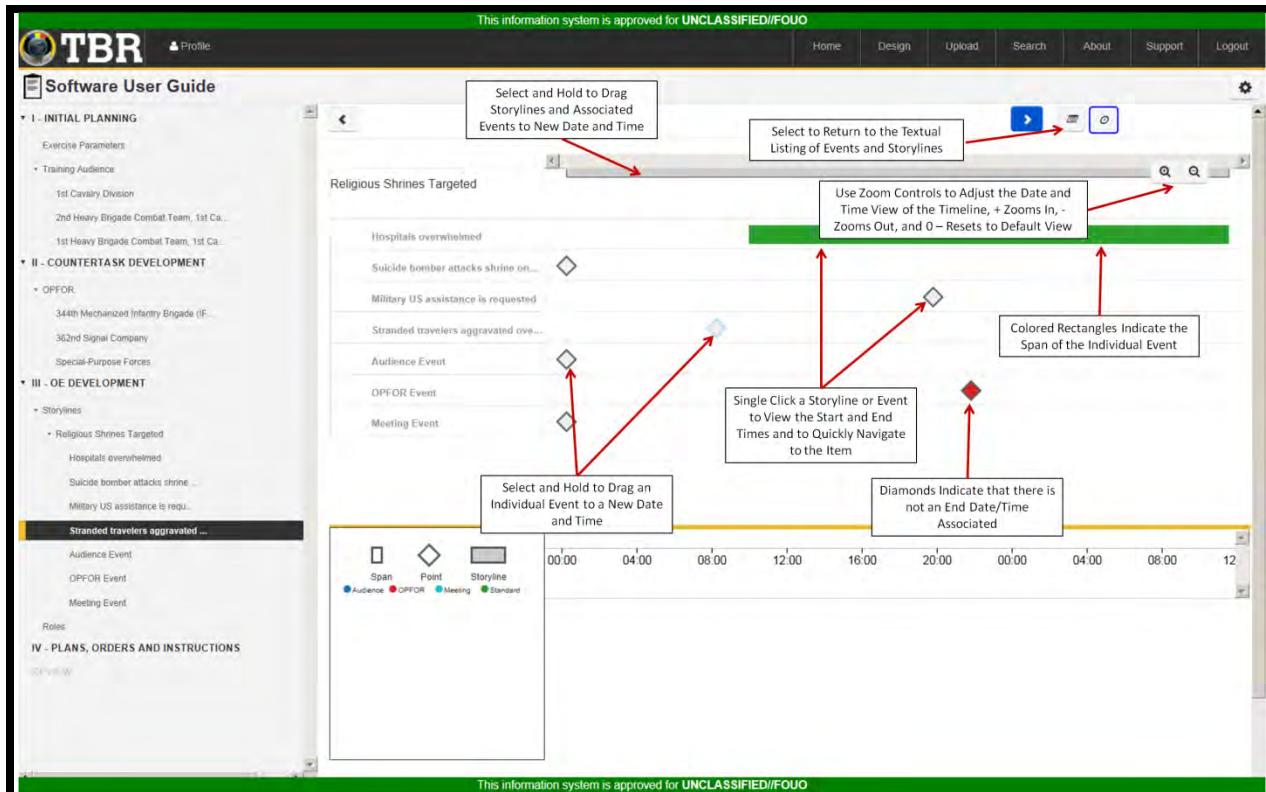


Figure 41: Phase III - Exercise Timeline

To display specific details about the start and end date for an item, single click the item to open a Start and End Date display. This display also allows for quick navigation to the details of the event (See Figure 42).

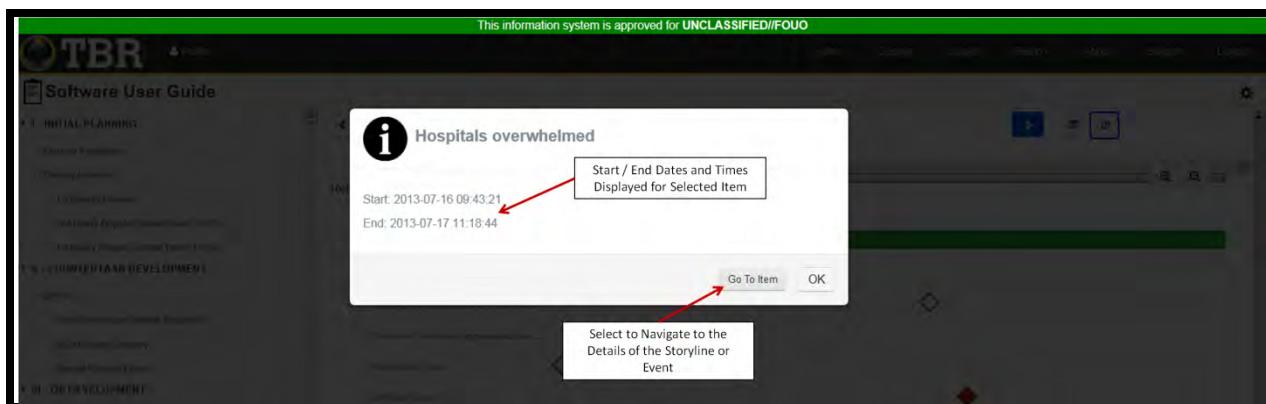


Figure 42: Phase III - View Storyline / Event Details

The next step in the exercise design process as configured within the TBR is to develop any roles that may be a participant in the exercise. To begin developing the roles select the ➤ from the timeline view.

6.3.6. Role Player

Creating Role(s) within the TBR begins in Phase III. To start, select **+ Add** to open the input form. Next, add the role's first and last name, then select **+ Add**, repeat this process for each additional role that needs to be added to the exercise. Once complete select **Close**, to collapse the input form. A role player can be deleted by selecting **X**. To add additional biographical information on a role, select the role name from the list (see Figure 43) to enter the details page.

Figure 43: Phase III - Add a Role to an Exercise

On the details page specific role attributes about the role can be added (See Figure 44). These details consist of the following:

- Role
 - **First Name:** If required, users can edit the first name by selecting the text and edit.
 - **Last Name:** If required, users can edit the last name by selecting the text and edit.
 - **Alias:** Other names that the role can be associated with.
 - **Gender:** Select male or female from the drop down menu.
 - **Marital Status:** Select the appropriate marital status from the drop-down menu provided.
 - **Occupation:** Free text field, type in the occupation associated with this role.
 - **Date of Birth (DOB):** Select the DOB from the Calendar provided.
 - **Place of Birth (POB):** Free text field, type in the Place of Birth. This can be a city, state, region, country, or any combination of these as required.

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- **Nationality:** Free text field, type in the nationality associated with this role.
- **Ethnicity:** Begin typing the ethnicity associated with this role and then select from the auto-completed list that is provided from the CIA World Fact Book.
- **Religion:** Begin typing the religion associated with this role and then select from the auto-completed list that is provided from the CIA World Fact Book.
- **Languages:** Specify the languages that the Role is able to speak / understand.
- **Education:** Any formal education; whether degree or individual course if non-degree that the source has accomplished. Education can be either military or civilian – or both. Data should include Degree type, completion date, dates of attendance, and name of institution. Example: “Saudi Army Operations Officer Course, non-degree, 15 OCT 1999, 20 June – 15 OCT 1999, Jeddah, Saudi Arabia.” Replicate for any other military or civilian formal schools.
- **Family:** Blood or marriage relatives within immediate family. Example: Wife, Husband, son, daughter, step-son, step-daughter, mother, father, mother-in-law, father-in-law.
- **Military Service:** Any service within a military organization within any country. Includes rank and specialty area if known. Example: Corporal in the Iraq Army performing duties as a Medic.
- **Documents:** Any material possessed by the source or detainee in paper or media form other than weapons, military gear, or civilian materials such as cell phones or food. Example: Pocket litter or materials that can be exploited by US personnel that indicate communication with correspondence or materials.
- **Wounded:** The occurrence of any combat injury. Yes or No.
- **Remarks Condition:** Condition of impact of the wound or injury to the source. Example: Yes. Shrapnel injury to lower back in 2003.
- **Mental State:** The state of mind of the source at time of the encounter. Example: Aggressive, alert, passive, resistant, sleepy, argumentative, agitated, etc.
- **Overall Health:** The initial quick screen assessment of the source’s physical situation. Example: Source appears to be in good health, possess average weight for his/her height, and with no initial outward indications of disease or injury.
- **Intelligence:** The overall assessment of the source’s cognitive ability or IQ. Example: Source appears to possess average intelligence when responding to complicated questioning or when asked to link information together.
- **Cooperation:** Cooperation is a source screening code methodology used when debriefing sources or detainees. Example: Cooperation Level 1 (Responds to direct questions); Level 2 (Responds hesitantly to questioning); Level 3 (Does not respond to questioning).
- **Knowledge:** Knowledge is part of the source screening code methodology used when debriefing sources or detainees. Example: Knowledge ability Level A (Very likely to possess priority intelligence information (PIR)); Level B (Might have

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information of intelligence value); Level C (Does not appear to have pertinent information).

Complete example of Cooperation and Knowledge would look like the following: A1 = a source with PIR knowledge who responds to direct questions. The code is ALWAYS “alpha-numeric.”

- **Tribe:** Source affiliation by sub-ethnic, cultural or blood-ties. Example: Source is a Shi'a Muslim with Pashtun tribal affiliations.
- **Current Residence:** Domicile address of source. Example 125a Miramar, Jalalabad City, Nangarhar Province, Afghanistan.
- **Past Residence:** Previous domicile address of source. Example 14 Copay, Taj Mahal Guesthouse, East Jalalabad City, Nangarhar Province, Afghanistan.
- **Present Employment:** The place source currently works. Example: Sanjay Construction Company, Heavy Equipment Operator, 15 Gupta Way, Kabul, Afghanistan.
- **Past Employment:** The place where the source worked previously. Example: Donla Spice Company, Spice Farmer, 1228 Mongoose St., Kabul, Afganistan.
- **Character Assessment:** Summary of source's character attributes and weaknesses. This is an “optional” field in BSD One. Example: Source exhibits overall maturity and a desire to help his country and family. Source appears to be an integrity-based individual and has strong religious views.
- **Character Attributes and Weaknesses:** Marked for Deletion!
- **Political Affiliations:** Personal alignment with established political organizations or pseudo-organizations. Example: Source is aligned with Baghdad Ba'ath Party. His political views are conservative Sunni.
- **Memberships:** Personal alignment with secular organizations, unions, trade groups, or city, town or village organizations. Example: Source is a member of the heavy equipment operator construction union in Helmand Province.
- **Additional Data:** Any information not covered by other reporting fields in Intelligence Information Reports, Basic Source Data, Contact Reports, or other intelligence or operational reports. Example: Source divulged that he has access to information of possible intelligence value through a special relationship he has with a life-long friend who is the Mayor of a local town.
- **Photograph:** Picture of individual or other materials usually as an attachment to an Intelligence Information Report (IIR) or some photograph of source's domicile is attached.
- **Fingerprints:** A fingerprint card of source is attached. Finger print card produced on 23 OCT 2010.

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Software User Guide

Smith, John

First Name * John
Middle Name *
Last Name * Smith

Alias *
Gender *
Marital Status *
Occupation *
Date of Birth *
Place of Birth *
Nationality *
Ethnicity *
Religion *
Languages *
Education *
Family *
Military Service *
Documents *
Wounded *
Remarks Condition *
Mental State *
Overall Health *
Intelligence *
Cooperation *
Knowledge *
Tribe *
Current Residence *
Past Residence *
Present Employment *
Character Assessment *
Character Attributes Weaknesses *
Political Affiliations *
Memberships *
Additional Data *
Photograph *
Fingerprints *

Family Associations
+ Add... No items

Role Reports
+ Add... item BIR BSDI

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Portion Markings are required through out the TBR application

Select Pull-Down Arrow, Make a Selection From Drop-Down List

Select from calendar

Begin Typing, Make a Selection Based Upon Results Provided

Select Pull-Down Arrow, Make a Selection From Drop-Down List

Select Pull-Down Arrow, Make a Selection From Drop-Down List

Additional fields not previously addressed are free text fields

Figure 44: Phase III - Role Details

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Within the role details screen further refinement of the role can be accomplished by adding family associations as well as reports. Currently the only family associations that can be made are "Spouse" and "Parent." If there are any additional Roles that have been established within the exercise, the Family Associations can be made. There must be two or more roles created to use this functionality (See Figure 45). In order to add a Family Association to the role, select

+ Add to open the report list, then select the appropriate portion marking, select the appropriate family association from the dropdown menu and type in the additional role that is to be used for the association type that was chosen. Then select **+ Add** to add the association to the exercise. To edit or modify the association select the association name or **✎**. Repeat this process for each additional association that needs to be created or modified. To delete a specific association select **☒**.

Figure 45: Phase III - Family Associations of Role

The reports that are currently available within the TBR are as follows: (See Figure 46)

- Reports
 - **BSD I - Basic Source Data I:** Biographic and operation information related to a source such as name, family, occupation, birth date, residence, and occupation.
 - **BSD II - Basic Source Data II:** Continued basic information on the source to include physical description, race, ethnicity, identifying marks, language level, marital status, place of birth, and education.

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- **BSD III - Basic Source Data III:** Continued basic information on the source to include asset characteristics, information accuracy, reliability notes, targets list, and status, motivation of asset, character information, and knowledge ability of asset and communication plan.
- **SPOT** - Is a field report that has no required format, that alerts agencies and commands to a matter requiring immediate operational action. Usually associated with, Human Intelligence (HUMINT) related to potential high value targets (i.e., location, movement, etc.) or information related to emergent and direct threats to US or Coalition forces. SPOT reports are usually associated with threats to Blue, Green or White and contain time-sensitive data that can drive offensive and defensive posture or operations.
- **IIR - Intelligence Information Report:** Is a standardized intelligence community formatted report filled out every time a source or detainee is debriefed or interrogated. An IIR will contain information assessed to be of intelligence value to the reader and usually responds to intelligence codes, source directed requirements, commander EEIs, etc.
- **Capture Tag** - Is a three part tag which accompanies a detainee from initial capture and during movement to a fixed interrogation facility.
- **Medical Screening** - Is a form that is filled out on a detainee, which addresses the health of the detainee. It is associated with the Capture Tag and an Internment Serial Number (ISN) assigned by the Military Police (MP).
- **Screening Sheet** - Is a report used to report BSDs, knowledge areas and levels, cooperation, vulnerabilities to approaches, and other relevant source information between HUMINT collectors.
- **Contact Report** - Is the first report filled out on a source or detainee that informs the Chain of Command of all relevant information concerning specific meetings with HUMINT sources. Every time you meet with a source or detainee, you fill out a Contact Report.
- **BIIR – Biographic Intelligence Information Report:** Is a variant of IIR that is specifically focused on providing biographic information on a source that was derived from a different source.

In order to add a report to the role player, select  to open the report list, then select the report and select . To edit the contents of the report select the report name or . Repeat this process for each additional report. A report can be deleted by selecting .

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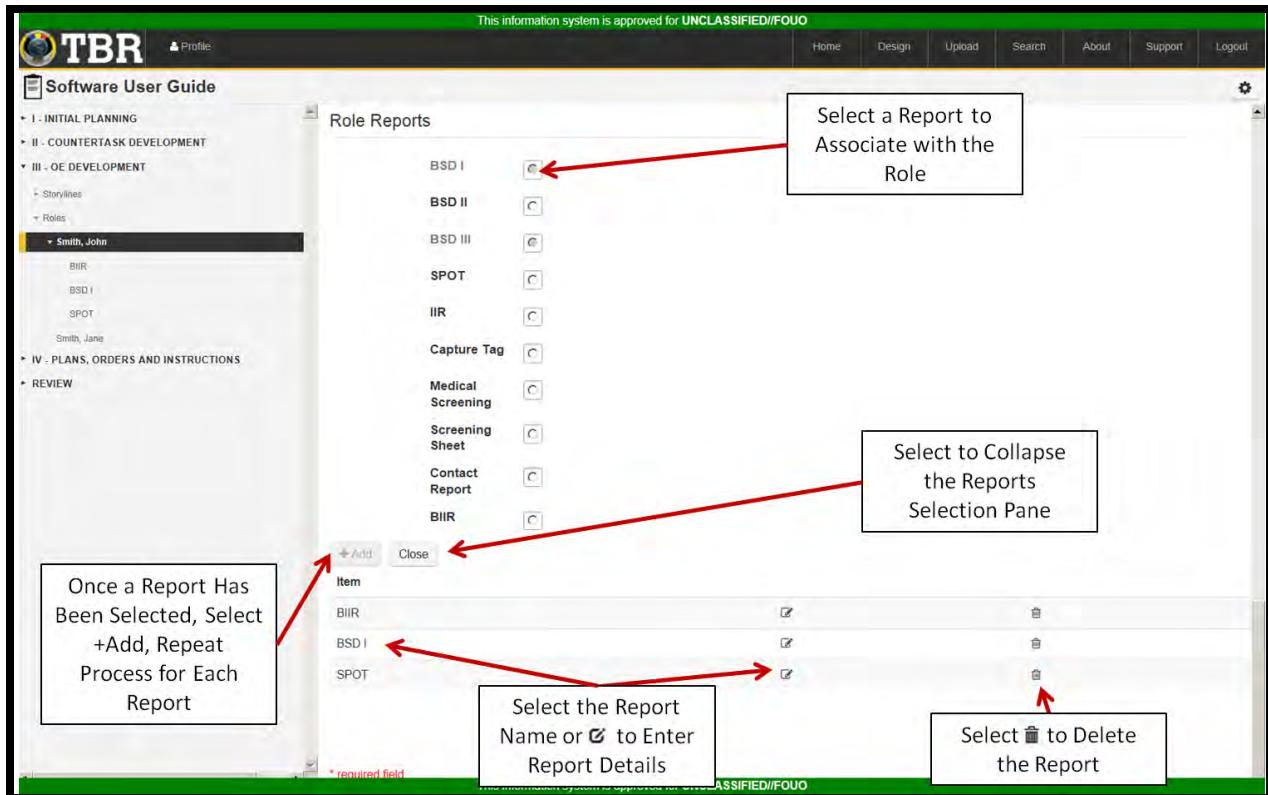


Figure 46: Phase III – Add / Modify / Delete Role Report

Each report has a unique set of data fields. These fields ultimately allow for a more in depth role to be developed. Figure 47 will demonstrate the appearance of a report within the TBR. In many cases the report fields will automatically pull the data from the initial role details page as seen in figure 44.

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Software User Guide

SPOT

Date *

Sequence Number SPOT-JTF25-123-45

Reporting Unit

Source *

Date Information *

Date Acquisition *

Spot Criteria *

Summary *

Details *

Field Comments *

Actions Taken *

Actions Pending *

Reporter *

* required field

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Figure 47: Phase III - Example Role Report

Upon completion of the role reports development select twice to return to the roles arena. Then select or IV - Plans, Orders and Instructions ,to move onto Phase IV of the exercise development process.

6.4. Phase IV - Plans, Orders and Instructions

Orders, plans and instruction development refer to all the materials and products issued by the exercise director and his/her staff to the training unit. Normally, this includes Operation Orders (OPORDs), Operation Plans (OPLANS), overlays, Warning Orders (WARNOS), Fragmentary Orders (FRAGOs), country studies, intelligence estimates, and adjacent unit orders. In short, all documents required for the training unit to exercise its staff and soldiers during the exercise. Issue times for these orders vary and the exercise planner should develop an orders issue schedule affording adequate lead times for training units to prepare and issue their orders. This schedule, as well as the documents themselves prior to their issue, may require changes and updates and should be reviewed and updated throughout the exercise. (TC 7-101)

6.4.1. Road to War

Begin by selecting to expand the Road to War input form. Provide a title and description for the Road to War event and select . Continue adding as many events as desired to complete the exercise Road to War. Once complete you can collapse the input form by selecting

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. You can also modify the order of the added events by selecting \equiv for the event and dragging it to the new position on the list (see Figure 48). Once you complete the construction of the Road to War select \rightarrow to begin the creation of the OPORDs and Annexes.

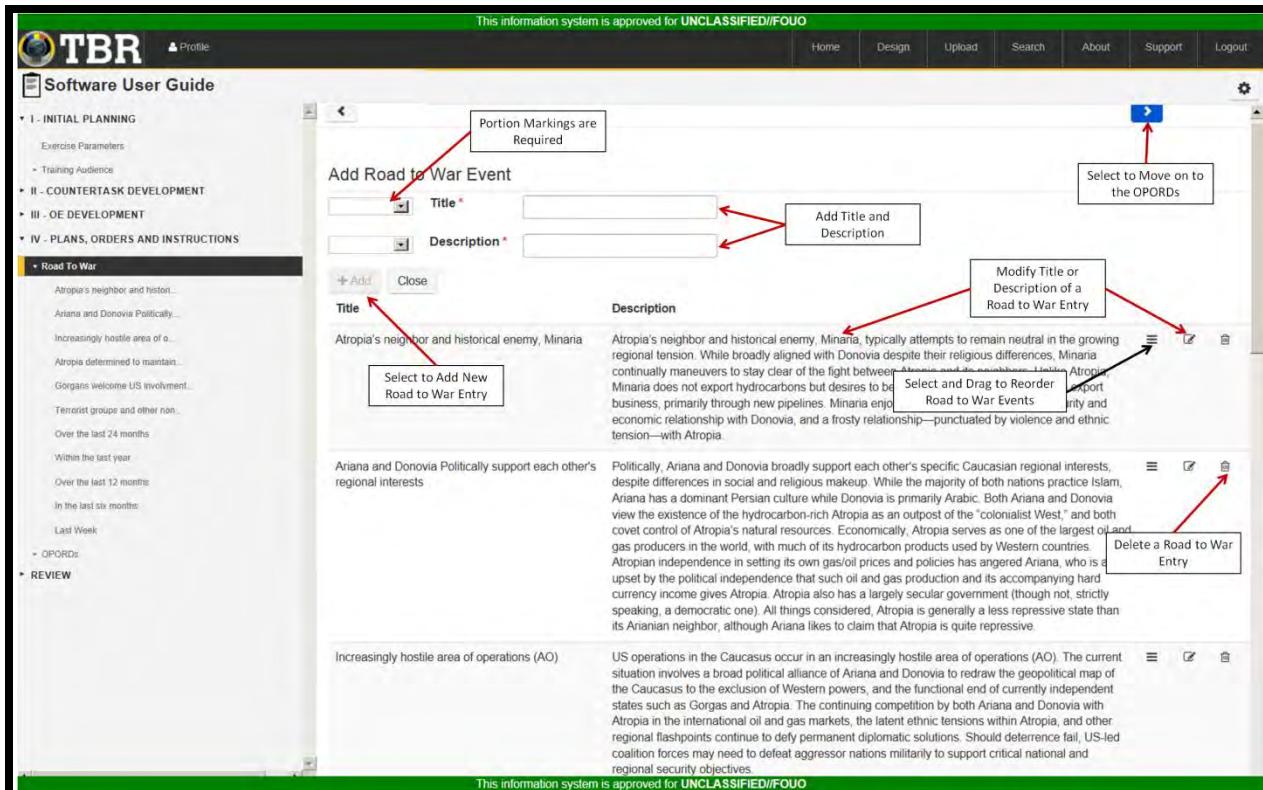


Figure 48: Phase IV - Road to War

6.4.2. Higher Order

Higher OPORD and Annexes can be created within the TBR and saved. These Higher OPORDs will be able to be re-used for follow-on exercises, as well as other users of the TBR. Begin by selecting the “Higher Order” text or \square to use a blank higher Order, or select +Add to reuse an existing Higher OPORD (see figure 46). If a reuse case is in order, the exercise developer will still select “Higher Order” text or \square to begin editing. This will open a new page with the Operations Order (OPORD) Template for you to edit. If a blank Higher Order is used or if a Higher OPORD is being reused, editing them is the same.

If a higher OPORD is reused not only will the OPORD now be a part of the exercise that is being designed but also any supporting annexes of the higher OPORD. It is vital that the exercise developer review and modify the higher OPORD and the associated annexes. If the reused higher OPORD is no longer wanted, the exercise developer can select Create Blank OPORD Template to remove the reused higher OPORD and associated Annexes.

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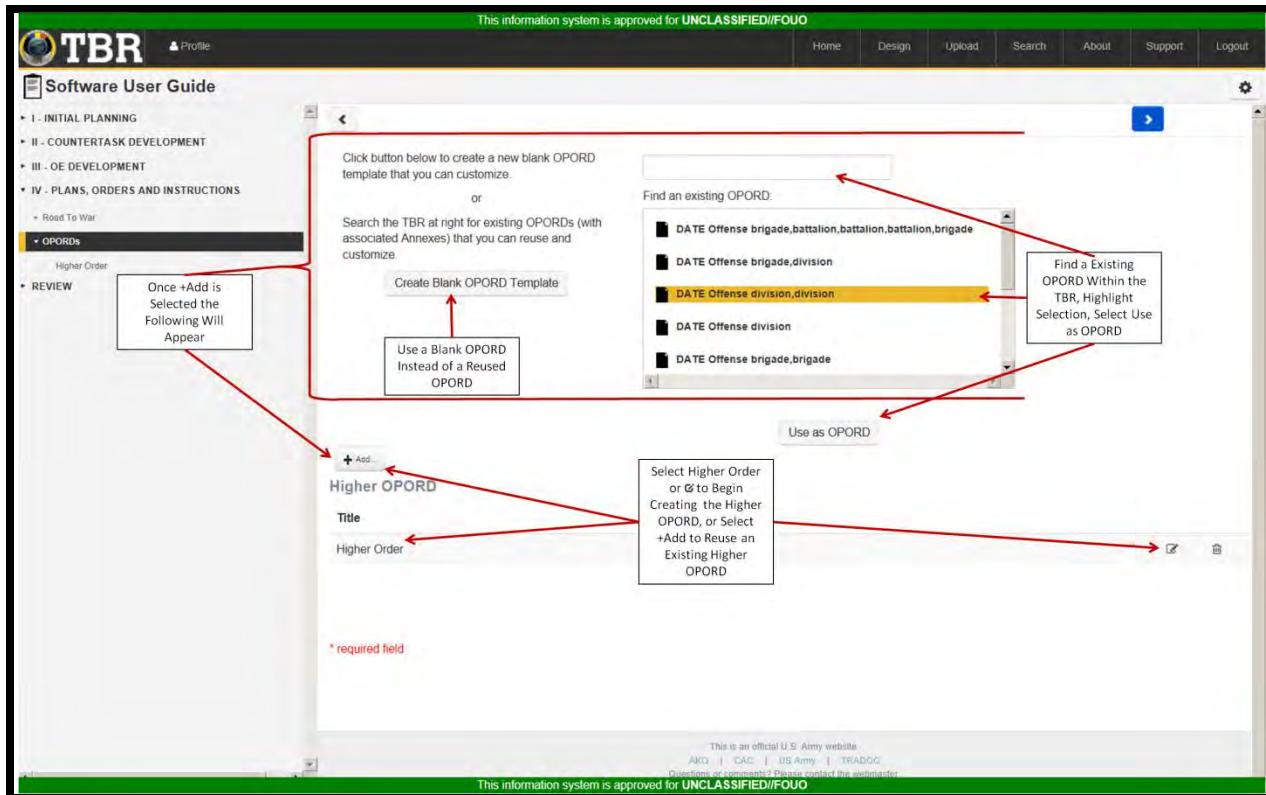


Figure 49: Phase IV - Add Higher OPORD

Select anywhere within the OPORD to begin editing (see Figure 47). Within the edit arena, document formatting options are available for use, much like Microsoft Word. Once the Higher OPORD has been edited, select **+ Add** to begin adding any required Annexes.

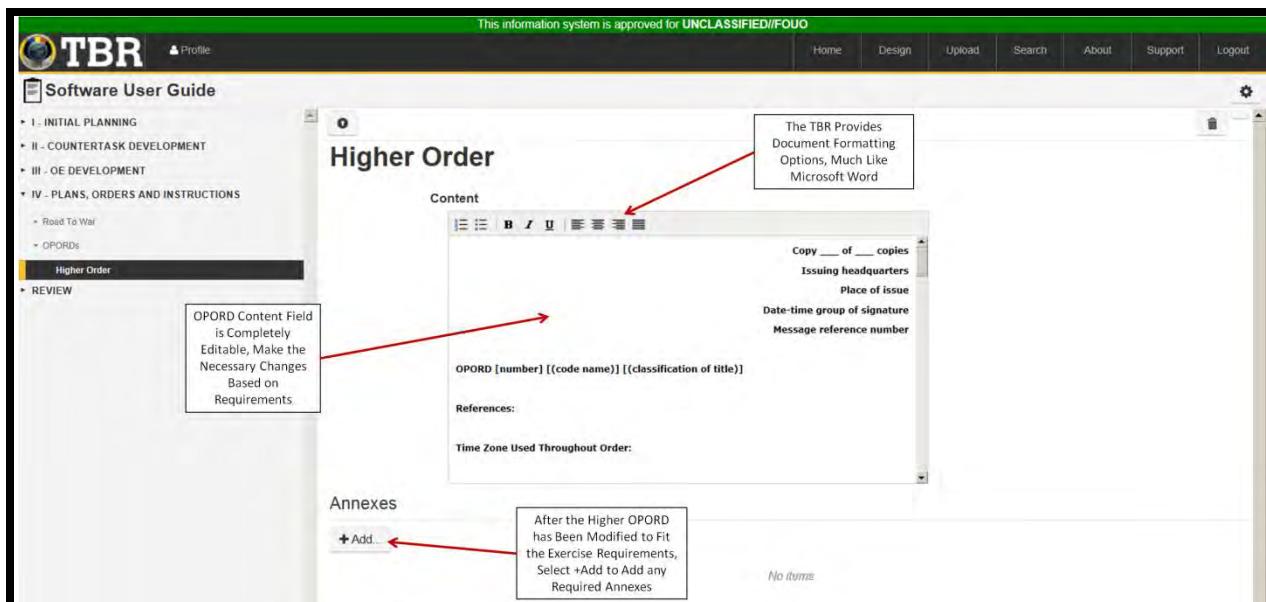


Figure 50: Phase IV - Edit Higher OPORD

6.4.3. Annexes

Begin by selecting  below the word Annexes to open the Annex selection window. Use the dropdown menu to select the Annex that is required (see Figure 48).

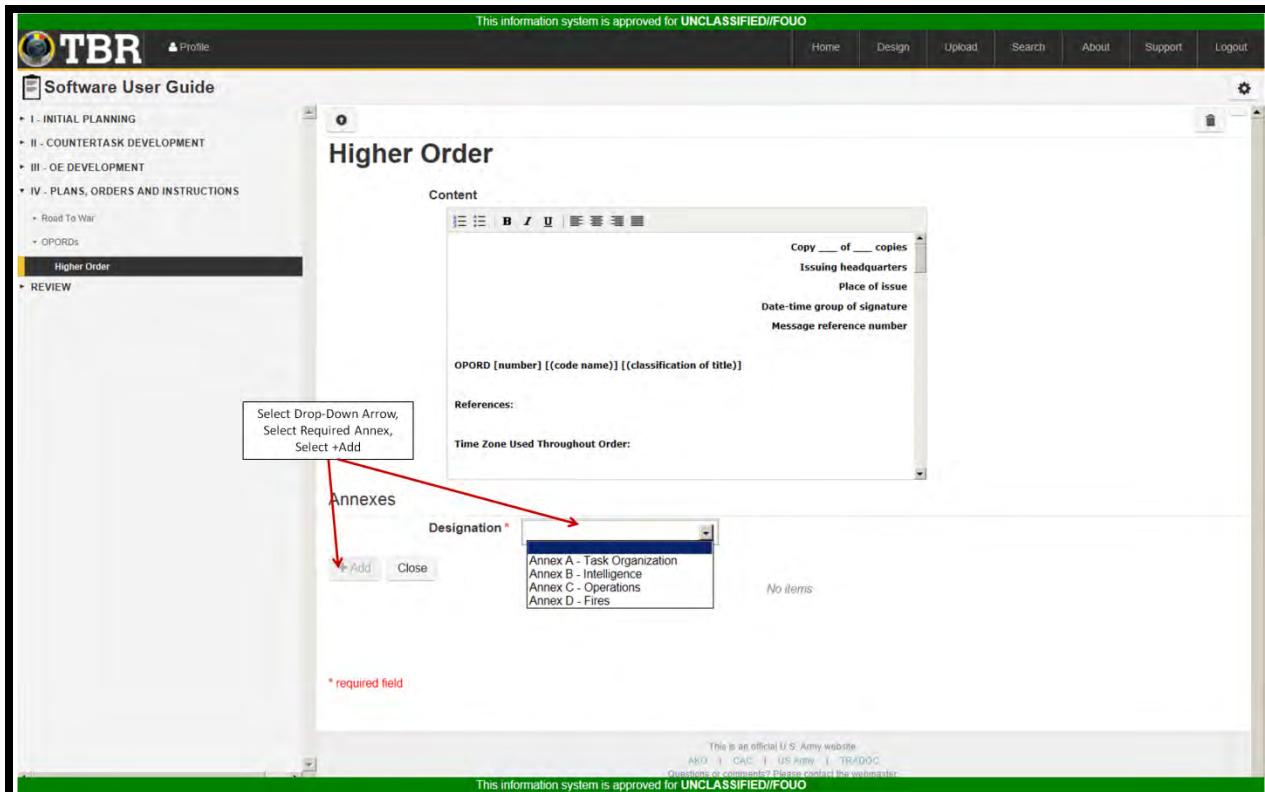


Figure 51: Phase IV - Add Annex to Higher OPORD

After an annex has been added to the exercise, the annex will need to be modified to meet the requirements of the exercise. To view the annex, select the annex name or select  (see Figure 49).

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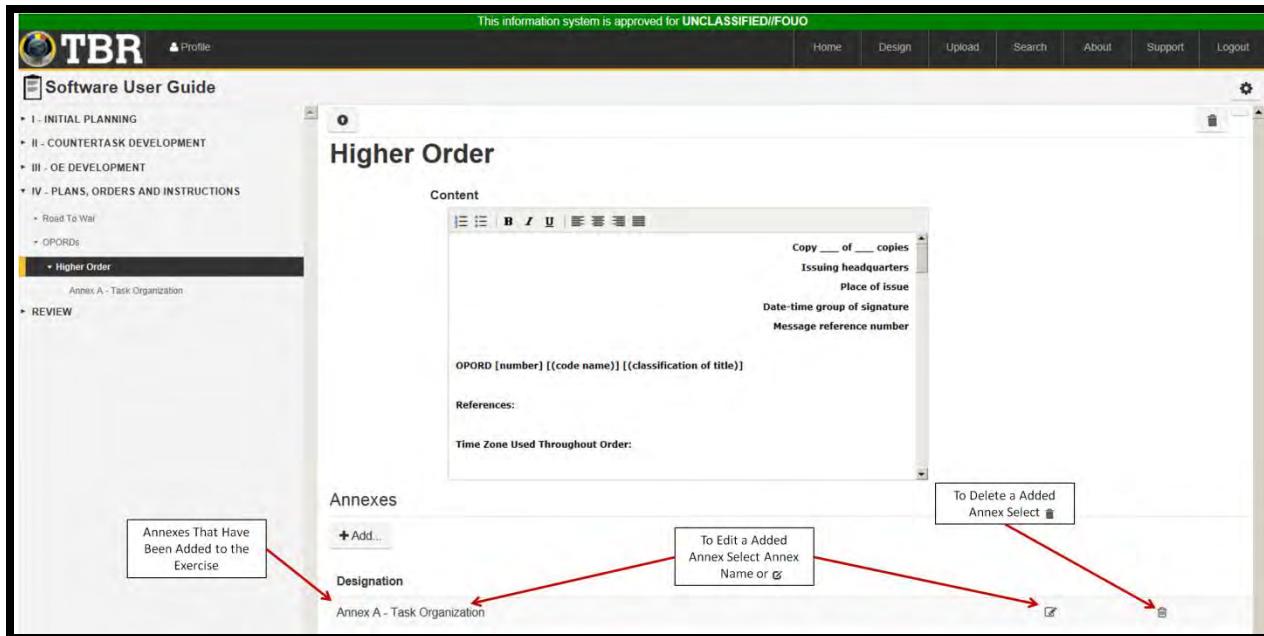


Figure 52: Phase IV - Added Annex

Select anywhere within the annex to begin editing (see Figure 50). Within the edit arena document formatting options are also available for use, much like Microsoft Word. After the annex has been adjusted accordingly, select to return to the previous screen to add additional annexes. Complete the process for each additional annex that is to be added to the exercise.

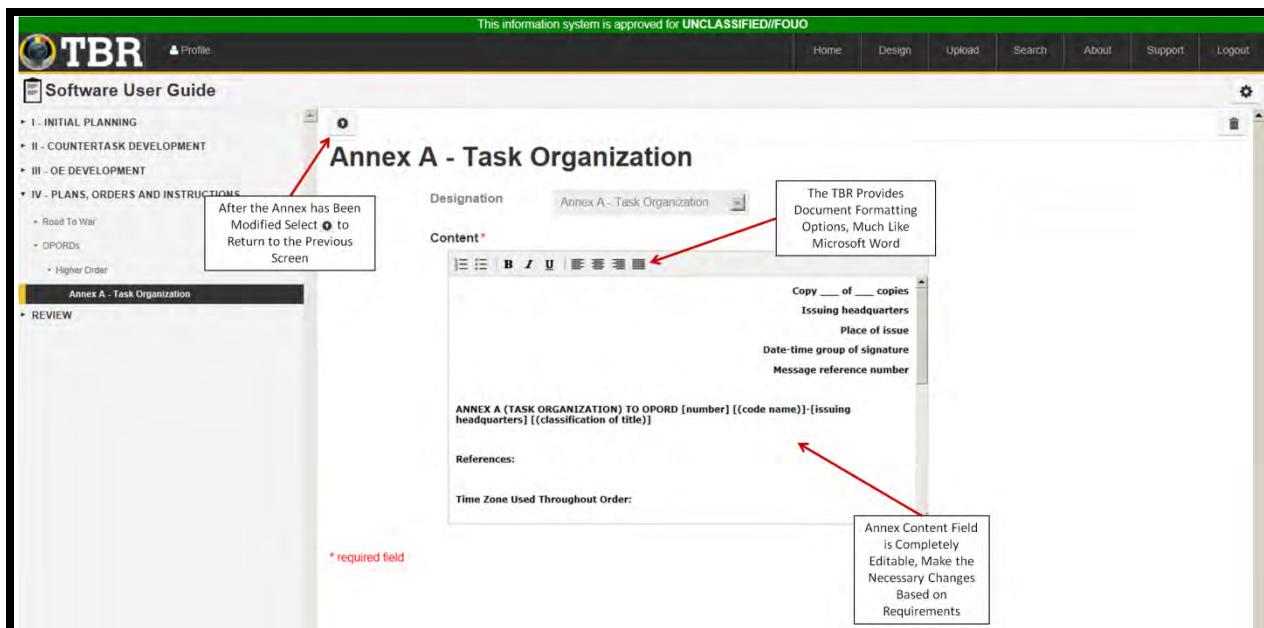


Figure 53: Phase IV - Edit an Annex

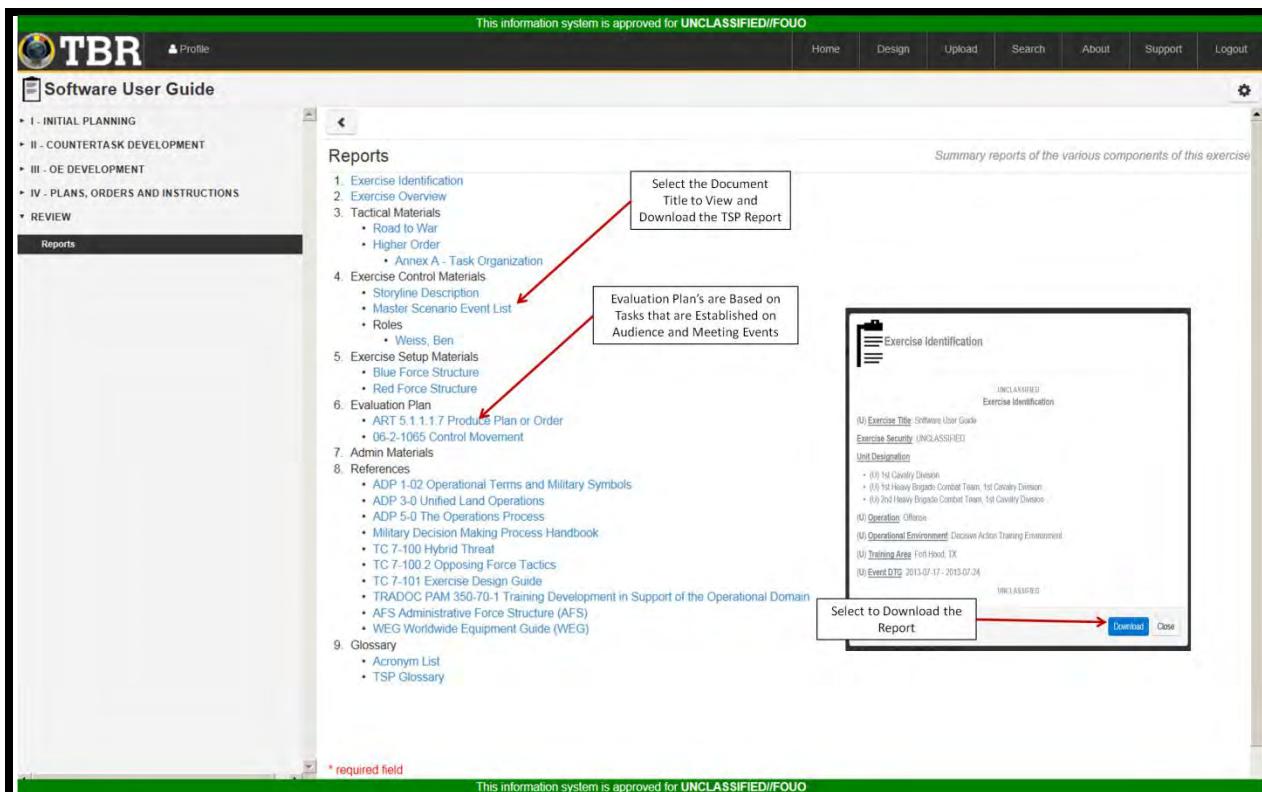
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Once all annexes have been adjusted to reflect the requirements of the exercise select  to return to the Higher Order screen. Select  to return to the main OPORDs page. At this point Phase IV of the exercise design process is complete, select  or  to continue on to the Review portion of the exercise design process.

7. Review

At this point the TBR has collected and organized the inputs during the exercise development process. The custom reports for the exercise that make up the TSP are now available for review. Select the desired report to view the output to identify any missing information prior to downloading the report. If errors in the data are present or if modifications are needed, return to the appropriate design phase to make the necessary adjustments. To return to any portion of the exercise design process use the left side navigation pane. After viewing the report(s) and making any necessary changes in the respective phase(s), you can then select  or  (see Figure 51).

Upon completion of the review phase the next step is to mark the exercise as completed. Upon marking the exercise as complete the exercise developer is allowing read only access to any and all users of the TBR. This allows for future reuse cases of the data and elements found within the exercise.



The screenshot shows the TBR Software User Guide interface. The top navigation bar includes links for Home, Design, Upload, Search, About, Support, and Logout. A green banner at the top states "This information system is approved for UNCLASSIFIED//FOUO". The left sidebar lists sections: I - INITIAL PLANNING, II - COUNTERTASK DEVELOPMENT, III - OE DEVELOPMENT, IV - PLANS, ORDERS AND INSTRUCTIONS, and REVIEW. The REVIEW section is currently selected. The main content area displays a "Reports" section with a list of items:

- 1. Exercise Identification
- 2. Exercise Overview
- 3. Tactical Materials
 - Road to War
 - Higher Order
- 4. Annex A - Task Organization
- 5. Exercise Control Materials
 - Storyline Description
 - Master Scenario Event List
 - Roles
 - Weiss, Ben
- 6. Evaluation Plan
 - ART 5.1.1.7 Product Plan or Order
 - 06-2-1065 Control Movement
- 7. Admin Materials
- 8. References
 - ADP 1-02 Operational Terms and Military Symbols
 - ADP 3-0 Unified Land Operations
 - ADP 5-0 The Operations Process
 - Military Decision Making Process Handbook
 - TC 7-100 Hybrid Threat
 - TC 7-100.2 Opposing Force Tactics
 - TC 7-101 Exercise Design Guide
 - TRADOC PAM 350-70-1 Training Development in Support of the Operational Domain
 - AFS Administrative Force Structure (AFS)
 - WEG Worldwide Equipment Guide (WEG)
- 9. Glossary
 - Acronym List
 - TSP Glossary

A callout box points to the "Select the Document Title to View and Download the TSP Report" link. Another callout box points to the "Evaluation Plan's are Based on Tasks that are Established on Audience and Meeting Events" note. A third callout box points to the "Select to Download the Report" link in a detailed report view window. The report view window shows "Exercise Identification" details including Exercise Title (Software User Guide), Exercise Security (UNCLASSIFIED//FOUO), Unit Designation (1st Cavalry Division, 1st Heavy Brigade Combat Team, 1st Cavalry Division), Operation (Offense), Operational Environment (Dissuasion Action Training Environment), Training Area (Felt Hot), and Event DTG (2013-07-17 - 2013-07-24). It also includes "UNCLASSIFIED//FOUO" and "Download" and "Close" buttons.

Figure 54: Training Support Package Review

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The final TSP output will consist of:

1. Exercise Identification: This report will provide the details of the exercise: the type of exercise; when the exercise is planned; who is the training audience; where the training is scheduled to occur; and the operational environment of the exercise.
2. Exercise Overview: The exercise overview will provide the details of the commander's intent, training objectives and training tasks used for this exercise.
3. Tactical Materials
 - a. Higher Order: View and Download the OPORD you created during Phase IV.
 - b. Annexes: View and Download the Annexes you created during Phase IV.
 - c. Road to War: View and Download the RTW you created during Phase IV.
4. Exercise Control Materials
 - a. Story Line Summary: description, dates and summary of each storyline for the exercise as outlined in Phase III.
 - b. MSEL: Excel Spreadsheet of all events and associated objects with those events, i.e. event start date, event type, training task, etc., defined during Phase III.
 - c. Role Player Instructions: Instructions for each role player including biographical information, event summary and instructions and timeline of scheduled events per role as defined during Phase III.
5. Exercise Setup Materials
 - a. Blue Force Structure: Structure of the training audience outlined in Phase I. Items highlighted in bold were designated as training audience members.
 - b. Red Force Structure: Structure of the OPFOR outlined in Phase II. Items highlighted in bold were designated as OPFOR units.
6. Evaluation Plan
 - a. Collective Tasks Trained: Each collective or individual task will have the appropriate TE&O generated for reference and use during task evaluation.
7. Admin Materials
 - a. Currently the TBR does not publish Administrative Materials for the Exercise
8. References: The following files will be available for download directly from the TBR Review page
 - a. ADP 1-02, Operational Terms and Military Symbols, AUG, 2012
 - b. ADRP 1-02, Operational Terms and Military Symbols, AUG, 2012
 - c. ADP 3-0, Unified Land Operations, OCT, 2011
 - d. ADP 5-0, The Operations Process, MAY, 2012
 - e. ADRP 3-0, Unified Land Operations, MAY, 2012
 - f. ATTP 5-0.1, Commander and Staff Officers Guide, SEP, 2011

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- g. DATE 2.0, Decisive Action Training Environment (DATE) 2.0, DEC, 2011
 - h. FM 7-15, The Army Universal Task List, FEB, 2009
 - i. MDMP, Military Decision Making Process Handbook, APR, 2011
 - j. PAM 350-70-1, Training Development in Support of the Operational Domain, FEB, 2012
 - k. TC 7-100, Hybrid Threat, NOV, 2010
 - l. TC 7-100.2, Opposing Force Tactics, DEC, 2011
 - m. TC 7-101, Exercise Design Guide, NOV, 2010
 - n. Operational Environments to 2028: The Strategic Environment for Unified Land Operations, AUG, 2012
 - o. Administrative Force Structure
 - p. Worldwide Equipment Guide
9. Glossary: The following files will be available only for download directly from the TBR Review page.
- a. Acronym List: List of commonly used acronyms.
 - b. TSP Glossary: List of commonly used terms.

8. *Glossary*

ADP	Army Doctrine Publication
ADRP	Army Doctrine Reference Publication
ART	Army Tactical Task
AUTL	Army Universal Task List
BSD	Basic Source Data
CAC	Common Access Card
CIA	Central Intelligence Agency
COCOM	Combatant Command
DATE	Decisive Action Training Environment
DOB	Date of Birth
DTL	Data Transformation Lab
FM	Field Manual

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FRAGO	Fragmentary Order
HUMINT	Human Intelligence
IIR	Intelligence Information Report
ISN	Internment Serial Number
JP	Joint Publication
MDMP	Military Decision Making Process
METL	Mission Essential Task List
MP	Military Police
MSEL	Master Scenario Event List
OB	Order of Battle
OE	Operational Environment
OPFOR	Opposing Forces
OPLANS	Operation Plans
OPORD	Operation Order
PMESII-PT	Political, Military, Economic, Social, Information and Infrastructure - Physical Environment, Time
POB	Place of Birth
TBOC	Training Brain Operations Center
TBR	Training Brain Repository
TC	Training Circular
TSP	Training Support Package
UI	User Interface
URL	Uniform Resource Locator
WARNO	Warning Order
WEG	World Wide Equipment Guide

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9. *Troubleshooting*

If presented with the following image while trying to access the TBR, select the  icon for compatibility mode on the top of the Internet Explorer browser.

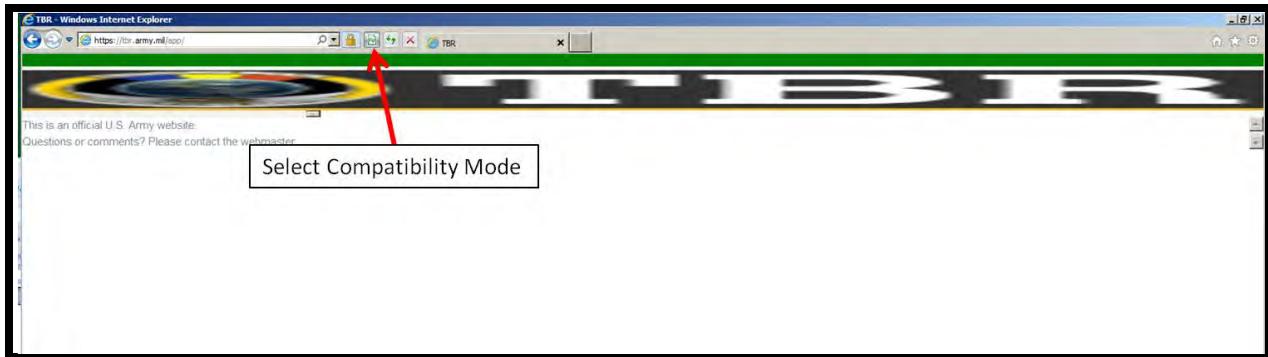


Figure 55: Troubleshooting - Compatibility Mode