TBA Enhanced User Interface 1.2.3

Developed by Jeff McCoy

Installer
Registration
Support Group

Table of Contents

Introduction

Air Force Training Business Area (TBA) Enhanced User Interface (EUI) is a <u>JavaScript bookmarklet</u> that runs within an active TBA session. TBA-EUI is NOT an official TBA program. It was created by Jeff McCoy while stationed at Aviano AB, Italy. TBA-EUI's interaction with TBA retrieves data the same way anyone could, by selecting ITLs and generating reports. What makes TBA-EUI unique is what it does with that data.

To install TBA-EUI, visit the project page at the bottom of the document. Installation consists of creating a bookmark. To install follow the instructions : <u>https://software.forge.mil/sf/frs/do/downloadFile/projects.tba-eui/frs.eui_hosted_code.1_5/frs4402?dl=1</u>.

Once the bookmark is added, it only needs to be clicked while logged into TBA and on the "View ITP for which I am a trainer/supervisor/workcenter supervisor/training manager" screen.

TBA-EUI is under active development, this document was written based on version 1.2.3c released April 2012.

Features & Solutions

TBA-EUI provides the following features:

- One-click integration of task groups from TBA
- One-click viewing of all journal entries for a trainee (shift+click the ITP download)
- One-click downloading of either individual or all ITPs as PDFs
- Filtering by TSC to drill down to only trainees in UGT
- Task counting with percentages separated by X Core, 5 Core, 7 Core, All Core and All Tasks
- Graphing, task counting and days non-progression for each CFETP/AFJQS/task group
- Training matrix detailing task qualification breakout by training product for each trainee
- Personnel list details included on hover (CAFSC, PAFSC, DAFSC, supervisor, DET, TSC)
- Reports for multiple work centers grouped by work center and deployed/TDY status
- XML output of all data (this was removed by TBA 2.1)
- An "offline mode" that allows full interactivity without having to connect to TBA
- Searchable, sortable ITPs with filtering by product type, core indicator, qualified status and q statistics against these filters

TBA-EUI also addresses the following TBA requests (not all-inclusive):

- TVL Improvement
- Download multiple/all ITPs in one action
- TVL report function change
- Training Visibility Ledger
- Training Visibility Ledger Improvement

- TVL Report
- Restore XML Exports
- TBA Automated Task Calculation Tracker

Overview

Click a box for details.

1. Navigation Tabs
2. Training Product Selector
3. Program Actions
4. Table Sorting
5. Work Center Grouping
6. Trainee Actions
7. Total Filtered TVL Count
8. TVL Search

Pre-selection

The pre-selection screen allows you to filter which trainee ITPs are downloaded. You must CTRL+Click or drag-select to filter. Enable task groups by selecting the button, use the text box to limit which task groups are loaded.

Tabs
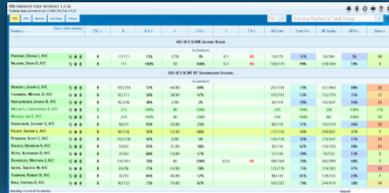
TVL – The default startup tab. All trainees are listed with qualification percentages and days-non-progression. Filtering can be done by CFETP or by search.

ITPs – View all the training data for a trainee. Filter by training product, core indicator and search. Extra details can be broken out under a task.

Matrix – Displays training qualification by training product. Hovering over a block will display the task count for that training product and trainee.
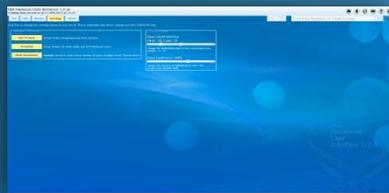
Settings – Various program customizations can be found here. These settings are per computer though.

Program Actions

Print – Prints the current TVL or ITP.

Download All ITPs – Downloads every ITP with a single click.

Offline Mode – Creates a working "offline" version of the TBA-EUI session. You must download the offline support files from Software Forge.

Email Feedback – Allows all TBA-EUI data for the trainee to be downloaded into an XML file for use in other products or custom programs.

Support – Opens the Software Forge page for assistance with TBA-EUI.

Exit – Quit TBA-EUI and return to the TBA start screen.

Table Actions
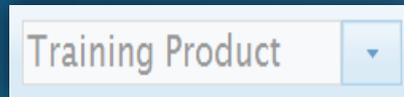
Training Product Selector – The TVL and ITP data is based on the select training product including days non-progression and training graphs.

Sorting – Columns with vertical arrows to the right of the label can be sorted. The column with only one arrow is the currently sorted column.
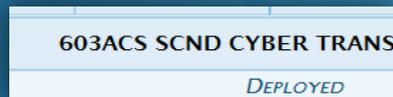
Grouping – On the TVL trainees are grouped by work center and deployed/TDY/in-garrison status. You can collapse or expand work centers by clicking on the bar.
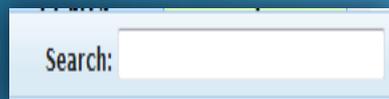
Search – This is an instant and all-inclusive search (will search over multiple columns. Delete the text to remove the filter.

Trainee Actions

View ITP – Opens the ITP for this trainee on the ITP tab

Graph – Generates a printable graph of the trainee's task completion over time. The data is grouped by months and shows X, 5, 7 and all task qualification statistics.

Download ITP– Gives you one-click access to the TBA PDF product. When you click, the icon will disappear until the download is ready. Shift + Click will download only the journal entries for the selected trainee.

TVL Overview

TBA ENHANCED USER INTERFACE 1.2.3A													
Training data current as of 12 APR 2012 at 15:52													
TVL	ITPs	Matrix	Settings	About					TSC ▾		Training Product or Task Group ▾ 🔍		

TRAINEE ▲	Show / hide columns	TSC ⇕	X	X % ⇕	5	5 % ⇕	7	7 % ⇕	All Core	Core % ⇕	All Tasks	All % ⇕	Days ⇕
603 ACS SCMR GROUND RADAR													
IN GARRISON													
POISSANT, DEVAN L, A1C	🔍 📊 ⬇	B	17/111	15%	2/58	3%	0/1	0%	19/170	11%	20/384	5%	10
WILLIAMS, DEON D, A1C	🔍 📊 ⬇	B	111	100%	58	100%	0/1	0%	169/170	99%	228/384	59%	2
603 ACS SCMT RF TRANSMISSION SYSTEMS													

All data on the TVL tab is based upon the select training product or task group. If left blank the regular TVL is displayed (all tasks). Trainees can be filtered by their TSC.

The TVL columns are grouped into count & percentage pairs based on task completion. The X, 5, 7 designators are based on the core marker for each task. TBA-EUI only looks at the first character of the core indicator so 5 would match 5, 5*, 5/R, 5/7. For additional special core indicators, use the ITP tab.

The Core X% and All% columns are color coded, the darker the color, the lower the percentage.

A line that is green and bold all across indicates a trainee that is fully qualified, red and bold indicates 0% qualification for a column, and blanks are not applicable.

Days are highlighted from green to red and the colors can be adjusted on the settings tab.

ITP Overview

You can select the trainee from the first drop down or filter the current ITP by core indicator. The ITP data is always filtered based on the currently selected training product from the top menu. The top right "Trainee Qualification" indicates the task statistics based on the currently filtered data.

In addition to the normal table actions, tasks in the ITP are expandable. Click the plus in the first column for more details regarding the task.

Task headers are bold but are not very useful if you sort the ITP by any column other than the Task column.

Training Matrix

TRAINEE ▲	AFJQS															CFETP						WJQS	
	3D1X2 200CJ ⇕	3D1X2 200H ⇕	3D1X2 201B ⇕	3D1X2 201TB ⇕	3D1X2 210K ⇕	3D1X3 202E ⇕	3D1X3 203TC ⇕	3D1XX 201C ⇕	3D1XX 201EA ⇕	3D1XX 201P ⇕	3D1XX 208U ⇕	3DXXX 200N ⇕	3DXXX 200TBA ⇕	3DXXX 201TC ⇕	3D0X1 ⇕	3D0X2 ⇕	3D0X3 ⇕	3D1X1 ⇕	3D1X2 ⇕	3D1X3 ⇕	32542 ⇕	32545 ⇕
Adams, Joseph A, MSgt							0%		0%										100%			
Aquino, Ryan L, TSgt				43.75%				100%	100%	0%			5.66%						89.73%		11.49%	
Baker, Shawn E, A1C				100%				100%	100%				81.13%						100%		100%	
Baltrukevich, Daniel J, SSgt				33.59%				60.00%		0%			0%						100%		0%	
Barr, Alexander E, A1C	100%	94.05%	100%		100%			100%	100%		0%	100%			100%	100%	100%	94.38%				
Battle, Zachary, A1C	100%	100%	100%		100%			100%			100%	100%						100%				
Bedoe, Daniel J, SrA		10.00%	0%		100%			100%			100%							87.80%				
Bickle, Joel R, TSgt				82.54%				100%	100%				26.42%						99.56%		28.99%	
Black, Kevin A, A1C				Task Qualification: 52/63				0%	0%				0%						3.66%		0%	
Blevins, Robert L, SSgt				100%				100%	100%		9.38%		77.36%						100%		31.76%	
Buchanan, Brett L, A1C																						
Buckner, Christopher A, A1C														29.79%								
Christel, Joseph J, A1C				100%				100%	100%				100%						100%		100%	
Chuenpreecha, Pat, A1C								100%		0%								38.15%				
Clark, Adam S, A1C				69.09%				0%	37.50%				30.00%						15.85%		22.22%	
Coats, Stacey Y, TSgt				33.59%				100%	100%		100%		5.66%						100%		9.46%	
Cook, Terri K, SrA								100%								100%						

The training matrix allows an overview of the overall training progression of all trainees broken down by training products. With this view you can quickly see how all trainees are performing or qualified based on several training products at once.

The coloring and highlighting rules are the same as the TVL and hovering over a percentage block will display the number of qualified/total number of tasks for that trainee.

Note: If a trainee does not have all tasks from a particular product loaded to them, they could still display 100% qualified on fewer tasks. For this reason 100% should be verified by hovering to display the quantity of qualified tasks, deviations are underlined.

Settings & About

TBA ENHANCED USER INTERFACE 1.2.3A
Training data current as of 12 APR 2012 at 15:52

TVL · ITPs · Matrix · **Settings** · About

Feel free to change the settings below as you see fit. Please remember that these settings are PER COMPUTER only.

Interface Preferences

Exit Prompt — *Prompt before navigating away from interface*

Grouping — *Group trainees by work center and TDY/deployed status*

Mark Deviations — *Highlights products with a lower number of tasks assigned on the Training Matrix*

TVL Formatting

Days Highlighting:
First: 10, Last: 25

Change the highlighting range of days non-progression, default: 10 - 25.

Days Lightness: **60%**

Change the intensity of highlighting for days non-progression, default: 60%

Settings are stored as cookies on your computer and therefore must be set at each computer you use. You can disable exit warnings, change TVL work center grouping and disable deviation marking on the training matrix (underlines). You can also modify the rules for days non-progression highlighting to fit your needs.

The about tab lists the program change log which is helpful in explaining exactly what has been fixed, added or removed from the current version of TBA-EUI. Additionally, the major technologies used within the program are linked to give proper credit.

Offline Mode & XML Output

Offline Mode – Grabbing all the data that TBA-EUI needs can be time consuming for large amounts of trainees. Although every effort has been made to minimize the amount of bandwidth used and the CPU usage needed to construct the data, by default this must be done each time TBA-EUI is run. Offline mode eliminates this problem by providing an always-available fully working copy of the program that does not require you to login to TBA. To use offline mode simply click the icon and save the file. It works best running from a SharePoint site but will also work from a network share. Though you can save to your local computer you will receive a warning each time you open the file.

XML Output –The XML format specification can be found on the project page. The root node is <TBA_EUI> and contains one or more <ITP> elements. Personnel data is included but task count statistics are not. XML is used for third-party tools to generate their own products beyond the scope of TBA-EUI. For additional info, view the example XML document at the following link: https://software.forge.mil/sf/docman/do/downloadDocument/projects.tba-eui/docman.root/doc17929.

Trainee Graph

The trainee graph gives a visual representation of task qualification over the life of the trainee's current ITP or selected training product/task group. Yellow, red, and green lines represent X, 5 and 7 task qualifications, respectively. The darker filled-in blue represents the combined number of core tasks qualified and the lighter filled-in blue indicates all task qualifications. If a line stops or only has a single point this simply indicates there was no new task qualifications since that point for the trainee. Hover over a marker to view the number for that month.

Tasks are grouped by months for readability. The trainee's task counts from the TVL are also included at the top of the screen with the ability to print as a sort of training snapshot.

TVL Printout

Printing the TVL causes a new popup window to open with the TVL data. The font will appear very small but this is normal and necessary to properly display the data on a printed page. Screen resolution is typically much lower than print resolution.

You must allows popups and the background colors may not print properly. If they do not print, try enabling background printing in your IE settings.

Developer

Jeff McCoy entered the Air Force in Oct 2003 as a 2E1X1 SATCOM/Wideband Tech, this AFSC is now merged into 3D1X3 RF Transmission Systems. Jeff is currently pursuing a Bachelor of Science in Computer Science degree from Trident University.

Jeff and Shauna McCoy have been married since 2003 and have two daughters, Caitlin and Madeline. Jeff is the youth minister at his church in Italy where he plays guitar in the church praise band.