

TMM Tablet Guide

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Assumes Kindle Fire scoring tablets (Android) and Practiscore Android version

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Basic Concepts

- There is always a designated master tablet that you will use to create matches in Practiscore
- There will be 3 or more slave tablets that pull the new match from the master tablet before a match starts
- The master tablet will always pull from the slave tablets at the end of a match when scores are ready, ensuring the master tablet always contains the full set of scores throughout the year.
- The master tablet will sync with a phone to easily publish the results of a given match, since the tablets are not typically internet-connected and no email account is configured on the master tablet.
- Each posse receives one scoring tablet when the match starts, after posses are assigned, and the tablets are returned to the score keeper at the end of the match

Match Pre-Registration

The club holds pre-registration the week of the match. Shooters can pre-register by responding to the announcement email or by posting in the thread on the forum. Shooters provide their alias, category, and what shooter(s) they want to be posse'd with. Pre-registration increases the efficiency of operations on match day by giving us a head start on defining the posses.

Pre-registration is less important for tablet keeping, because our club is small and pre-registration is less utilized by shooters. Simply cloning the prior month's match typically gets the tablet in the ballpark for an accurate shooter roster, and the rest can be filled in on match day as posses are created. See the next section for how to clone a match.

Prior to Match Day

Always ensure all tablets are fully charged prior to match day.

Match Day Procedures

1. Create a match in practiscore by cloning a prior match:
 - a. From the match list, select the dot button next to the match to clone
 - b. Select "clone"
 - c. Name the match according to the chosen format
 - d. Select the correct date of the match
 - e. Check "Clone Penalties/Bonuses", "Clone stages", "Clone shooters"
 - f. Click "Clone"
2. Edit the shooter list to match the final roster with posse assignments:
 - a. Click "Edit shooters/squads"
 - b. Verify shooter names are spelled correctly
 - c. Verify shooter categories match the roster
 - d. Assign shooters to the correct posse
 - e. Delete unneeded shooters
3. Sync the match to other scoring tablet(s)
 - a. Connect all tablets to the same Wi-Fi network. It does not need to be internet-accessible.
 - b. From the match list view on each SLAVE device, select "Sync Devices"
 - c. Under "Found devices", tick the box next to the device that matches the master tablet.
 - d. Click "pull from selected"
 - e. Click "accept changes"
 - f. The slave tablets should now show the current match
 - g. Distribute the tablets to posse leaders and collect them after the match
4. Sync match results to the master tablet
 - a. Connect all tablets to the same Wi-Fi network. It does not need to be internet-accessible.
 - b. From the match list view on the MASTER device, select "Sync Devices"
 - c. Under "Found devices", tick the box next to a slave device
 - d. Click "pull from selected"
 - e. Click "accept changes"

- f. Repeat for all slave devices
- g. The master should have match results from all posses
- 5. Upload the match results – see next section.

Sharing Match Results

Match results are shared in two locations: The TMM **Forum** (www.mtnmarauders.com/forum/) and the TMM **website** (www.mtnmarauders.com/). The forum allows folks to comment on the match and congratulate the winners. The website allows everyone to track their shooter record/performance and monitor where they are in terms of qualifying for and placing in annual awards.

Step 1: Upload match results report to website

In this step, the match results from the master scoring tablet will be uploaded to the main TMM website, where it will be accessible in the “Scores” menu section.

This process requires an internet-connected device (such as an iPhone) with the ES File Explorer app installed (Free). The app must also be installed on the master tablet.

1. On the master tablet, export a combined match report HTML file:
 - a. Click “View Results”
 - b. Click “Match Scores”
 - c. Click “Combined”
 - d. Click “Share” button in the top right
 - e. Click “Save to ES”
 - f. Select a path to save the report (e.g., “PractiScore/Results”)
 - g. Click “Select” to choose the path
 - h. Select “Rename” if there is an existing file. Note the name of the file used here. It is referred to in the next section as the **match report HTML file**. Typically, this file will be named “MatchResults.html” or “MatchResults(1).html” if renaming.
2. Push the **match report HTML file** from the master tablet to an internet-connected device (e.g., iPhone) via Wi-Fi transfer:
 - a. On the iPhone, open the ES File Explorer app.
 - b. Click the “Services” button at the bottom of the app.
 - c. Select Wi-Fi Transfer at the top.
 - i. The screen will show an IP address, port and QR code.
 - ii. Keep this window open on your iPhone – do not navigate away
 - d. On the master tablet, open a web browser such as Silk.
 - e. In the browser address bar, type the IP address and port combination shown in the iPhone window in step c above. For example, “192.168.1.54:5050”.
 - i. It might take a second for the page to load, but when it does, it means the iPhone is now connected to the master tablet device.
 - f. Click the “Upload file” button.
 - g. Navigate to the path chosen in step 1.f above (e.g., “PractiScore/Results”)
 - h. Tap the report file named in step 1.h above. For example, “MatchResults(1).html”.
 - i. **This will transfer the report file to the iPhone device.**

3. On the iPhone, open safari web browser and navigate to <http://mtnmarauders.com/tmmchamps/admin.php>
 - a. Login with your WordPress credentials. If you don't have these or don't know what they are, contact a TMM website administrator.
 - b. Click "import match"
 - c. Click the "Choose File" button
 - d. Select "Browse"
 - e. Under "Locations", if you do not see "ES File Explorer", you must add it:
 - i. Click the "+" add button.
 - ii. Add ES File Explorer to the list of Locations.
 - f. Select ES File Explorer under the list of Locations.
 - g. Select Local
 - i. The report file should be listed in this location. Select it.
 - h. Click the Submit button
 - i. **This should upload the report and update the website with all the match results and shooter information.**
 - ii. You can navigate to the Scores section of the TMM website to verify.

Alternate approach to steps 1 and 2: If for some reason you are unable to get the match results report from the scoring tablet to the iPhone as outlined in steps 1 and 2 above, you can attempt to transfer it to a PC laptop over Bluetooth. This process is described in the later section titled "Using Bluetooth to transfer files from a Scoring Tablet to a PC". Part 2.c.i describes where to access the HTML report within PS. After you have successfully transferred the match results report (HTML format) to the laptop, simply follow step 3 above to get it on the TMM website. Note that because the iPhone PS app only allows exporting match results in PDF format, you must export the HTML report using the scoring tablet.

Step 2: Create a forum post

In this step, we'll use the admin page to create a forum post which will automatically include all the match results.

1. On your iPhone, open safari web browser and navigate to <http://mtnmarauders.com/tmmchamps/admin.php>
2. Click "Form post" link
3. Choose the match
4. Click Next
5. Select a single shooter for top cowboy and a single shooter for top cowgirl
6. Click Next
7. Verify the post content looks correct and click Submit

Alternate approach: If the above approach does not work, you can create the forum post manually as follows. The forum will need the combined, category and clean-shooter match result reports exported from the Master tablet and attached as **PDF documents** to a new forum thread. The process below describes how to do this using an iPhone with the PS app and the Master tablet, though there are other ways:

1. Sync match results to an internet-connected iPhone

- a. Connect an iPhone to the same network as the master tablet
 - b. Load the practiscore app on the iPhone
 - c. Click “sync devices”
 - d. Tick the box next to the master tablet and click the device to connect
 - i. If the app does not connect, try closing the apps or clicking “scan all devices”
 - e. Click “accept changes”
 - f. Navigate back to the match on the iPhone app
2. Click “View Results”
3. Click “Match scores”
4. Click “combined”
5. Click the drop-down arrow at the top right
6. Click email
7. Use the email account setup on your iPhone to email the generated PDF document to yourself.
 - a. Repeat the process for “By Division” and “Clean Report”. A PDF will be created for each one.
 - b. Login to TMM forum and post the results, attaching the PDFs to your post and mentioning the top cowboy, top cowgirl, and everyone with clean matches

Using Bluetooth to transfer files from a Scoring Tablet to a PC

This procedure is used to transfer files from the Master scoring tablet to an external PC using Bluetooth (the devices do NOT need to be connected to a Wi-Fi network).

1. If you have not previously paired the PC and the tablet, do so now:
 - a. Pair your PC with the tablet
 - i. Right-Click on the Bluetooth icon in the taskbar on PC
 - ii. Select “Show Bluetooth devices”
 - iii. Click “Add device”
 - iv. Complete the pairing process with tablet
 - b. Connect the PC to the tablet
 - i. Navigate to Bluetooth settings on the tablet
 - ii. Click “recently used devices”
 - iii. Click the PC entry to connect
2. Receive files on PC:
 - a. Right-Click on the Bluetooth icon in the taskbar on the PC
 - b. Select “Receive file” – it will wait for your tablet
 - c. On the tablet, use the Bluetooth file share feature to transfer the file.
 - i. In PS, on the match results report screen, click the “Share” text in the top right corner of the screen, and then select “Bluetooth”.
 - ii. In ES File Explorer app:
 1. Navigate to the location of the file of interest
 2. Tick the small circle to the far right of each file to select all the files.
 3. Click the stacked dots “More” button at the bottom right.
 4. Select share
 5. Select Bluetooth

6. Select the PC device in the list
- d. You should see the PC downloading the files and a progress bar for each.
- e. When files are downloaded, specify the location to save them on your PC.

Backing Up Matches

It is important to backup matches stored on the Master tablet, in case it is damaged or lost.

1. From Practiscore on the Master tablet, export Practiscore matches (in PSC format):
 - a. Go to match list in Practiscore
 - b. Press and hold on any match
 - c. Select desired matches
 - d. Click stacked three dots at top right
 - e. Select “export matches”
 - f. Note the exported location
2. Switch to ES File Explorer app (download/install if necessary)
 - a. Navigate to internal storage -> Practiscore\Match folder
 - b. Follow the procedure in section 2.c.ii in the section “Using Bluetooth to transfer files from a Scoring Tablet to a PC”

Tips and Gotchas

- Be consistent when entering shooter information. If you misspell a name, mis-capitalize it, or add spaces, it will show up as a different shooter. The errors must be corrected for every individual match manually before calculating the annual championship awards.
- When cloning a match, be sure to clone penalties and bonuses. These cannot be changed after a clone.
- Only keep the current year’s matches on the tablet. Archive old matches to your PC.
- Always keep one tablet as the master tablet; it should have pristine records and be used when generating annual championship awards. Back it up regularly.

Annual Championship Awards

The TMM club recognizes annual combined and category champions using the following rules:

- Each shooter must have successfully finished at least 6 regular season club matches **in a single SASS category** to qualify for either award. “Successfully finished” is defined as the shooter having shot/completed all five stages of the match and a score must have been recorded. The term “regular season club matches” means 3rd Saturday monthly matches (5th Saturday matches, special competitions, and December matches are excluded). On years where the number of matches might be low, the minimum number of matches might be lowered. It is possible for a shooter to qualify in more than one SASS category, in years where there are enough matches.
- Combined awards go to the qualifying shooters with the top 10 highest scores.
- Category awards go to the qualifying shooters with the top 3 highest scores.
- Each qualifying shooter gets a score calculated based on their time-based place in each completed regular season match, as follows:
 - Combined: 1st place = 10 pts, 2nd place = 9pts, 3rd place = 8 pts.... 10th place = 1pt

- Category: 1st place = 3 pts, 2nd place = 2 pts, 3rd place = 1pt
- Shooters that do not meet the minimum match requirement are removed from consideration for each match they shot in, such that the next qualifying shooter finishing in the next place after them will take that disqualified shooter's place/points. For example, if the 1st place, 2nd place and 3rd place shooters in a given match do not meet the minimum match requirement to be considered for an annual award, the 4th place shooter will move up to 1st place and receive 10 points for that match.
- All regular season club matches shot through the current year are counted towards the qualifying shooter's score. That is, TMM does not use the "top X best matches" rule that Practiscore uses in its formula. We feel that by counting ALL matches a qualifying shooter attends, we help promote attendance, which benefits the club and makes the sport more competitive.
- A qualifying shooter's combined score is based on all regular season club matches shot, regardless of the SASS category the shooter used in the matches. This is obviously not the case for the category awards.

There are two ways to view the Annual Awards:

- TMM Website (<https://mtnmarauders.com/tmmchamps/index.php>)
 - From the menu, select "Statistics" -> "Select Year" -> Choose the year of interest
 - From the menu, select "Statistics" -> Top Combined and "Statistics" -> Top Category
- TMM Champs Program
 - See the next section for instructions on how to use this program.

TMM Champs Program

This Windows program can be used to view shooter data, match results, and the TMM Annual Championship Award results. The program requires a Match Series HTML report as generated by Practiscore (see prior section for generating this report). If the format of the report ever changes with an update to the Practiscore app, the TMM Champs program will need to be updated to recognize it.

The program was primarily created to implement TMM's custom scoring algorithm for the Annual Championship Awards, as Practiscore does not support it.

Features

- File->Import – imports a Practiscore Match Series HTML report
- File->Export – generates an HTML report for shooters, all matches, overall, annual/combined and annual/category in a single folder of your choosing
- View individual match scores
- Annual Championship views:
 - Overall by Total Time
 - Annual Championship Combined
 - Annual Championship Category
- Highlight a shooter of choice
- Change values for minimum required matches, maximum number of combined awards and maximum number of category awards.

How to Use

To use the program, you must first generate a Match Series in Practiscore:

1. In Practiscore, go to the match list
2. Press and hold any match
3. Multi-select all regular season club matches for the current year – exclude 5th Saturdays, December, and any special competition matches.
4. At the top menu, select “Match series”
5. Change the name of the Match Series to something appropriate.
6. Type “sass” in the “subtype” field
7. Select “By match time” for “series group results”
8. Select “by name” for “series group shooters”
9. Input “0” for “series max results”.
10. Click “Save”
11. The Match Series will now appear in the match list view in Practiscore.

Follow the instructions in the prior section for setting up Bluetooth pairing between a PC and the scoring tablet.

Export an HTML report of the match series and transmit it to a PC:

1. On PC, right click Bluetooth icon in taskbar and select “receive file”
2. Select the match series generated above in the match list view
3. Click “View Results”
4. Click “Match series results”
5. Click “Combined”
6. Click “Share”
7. Click “Bluetooth”
8. Select the PC in the list
9. Save the HTML report to a folder on your PC

Load the report in the TMM Champs program:

1. File->Import
2. Select the HTML report saved in step 9 above
3. Select View->Annual Championship – Combined. Review the data
4. Select View->Annual Championship – Category. Review the data

Optionally, export the reports in HTML format by navigating to File->Export

- Keep a consistent naming scheme for matches – this is most easily done if you simply clone matches for each monthly shoot. We suggest “TMM <Month> <Day>, <Year>” – for example, “TMM Oct 31, 2020”.