

VIQC Live Remote Practice Match Instructions

(updated 10/16/2020)

Overview

This document describes the process to use the Live Remote Practice Match System deployed on www.RobotEvents.com for VIQC (VEX IQ Challenge) teams. This system allows registered (and paid) IQ teams to practice competition matches remotely in advance of the release of the Live Remote Tournament system in November of 2020.

Required Material and Technical Specifications

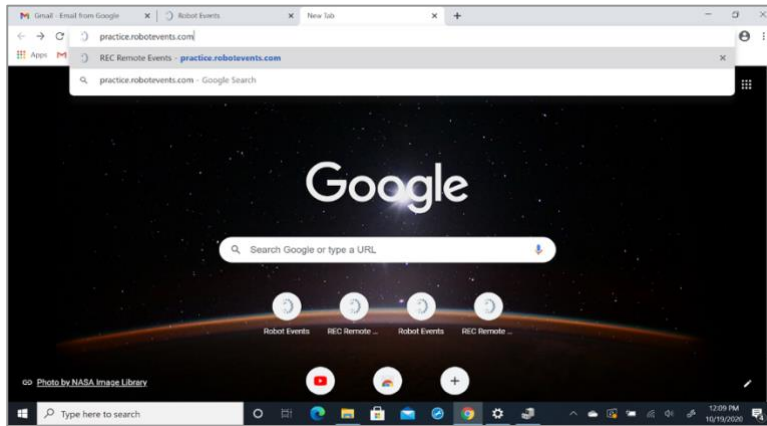
Teams need the following to use the Live Remote Practice Match System:

- Active and paid season registration on RobotEvents.com
- Full competition field and game elements
- Internet access
- USB webcam (720p or higher resolution) that can be set a minimum of 7' high and 7' back from field
- Computer that will connect to the USB camera
- Chrome browser on the computer
- VIQC Robot with updated firmware

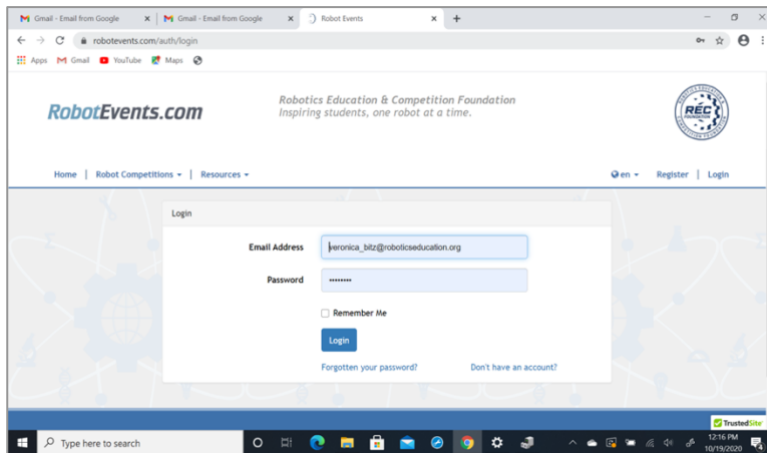
Setup your competition field per the October 1, 2020 Game Manual updates for VIQC (section entitled 'Live Remote Tournament Rules') available at RoboticsEducation.org. For VIQC, you should have your camera spaced at a distance to ensure that the entire 6' x 8' field is in view facing the 8' side and with the driver station on the far side of the field.

Using the Live Remote Practice System

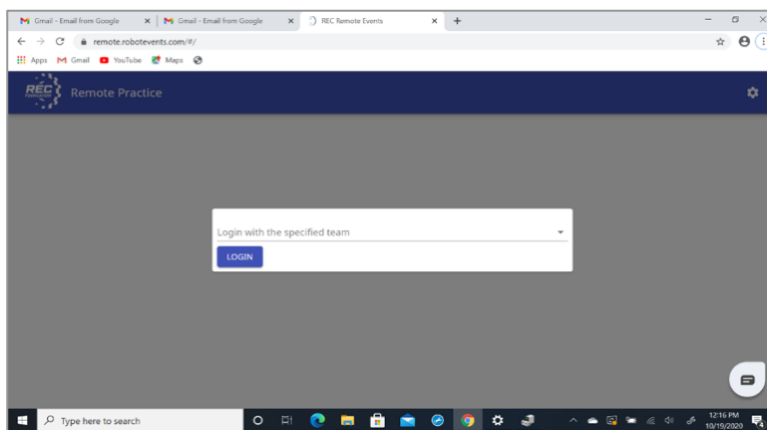
1. First you will need to install Google Chrome on your computer desktop.
2. Navigate to Chrome://Flags in your Chrome browser and enable "Experimental Web Platform Features." Don't forget to restart your browser.
3. Go to practice.robotevents.com



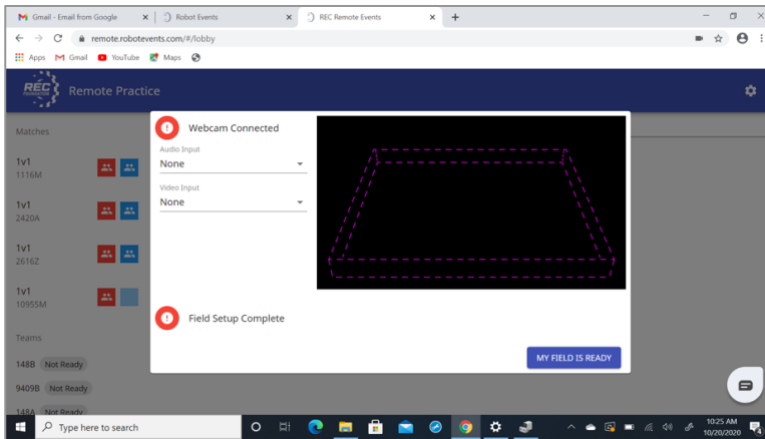
4. Login with your RobotEvents.com credentials.



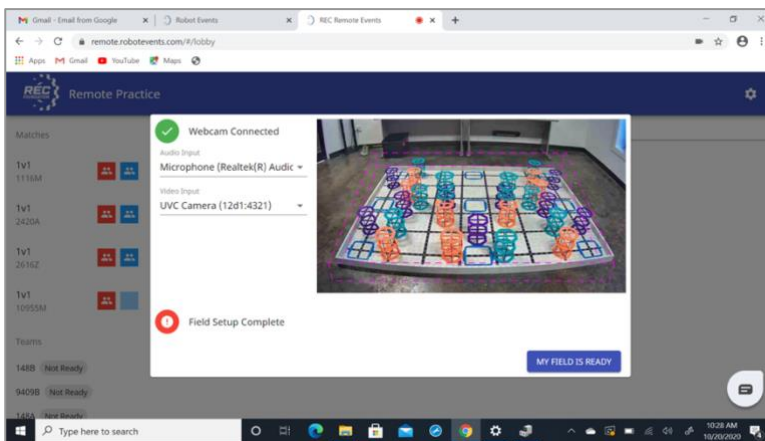
5. Select your team with the drop-down list. You can only select teams registered to your account.



6. Select your audio and video input.
NOTE: You may have to provide permission to your browser in order to access your microphone and/or camera (top left of browser window).

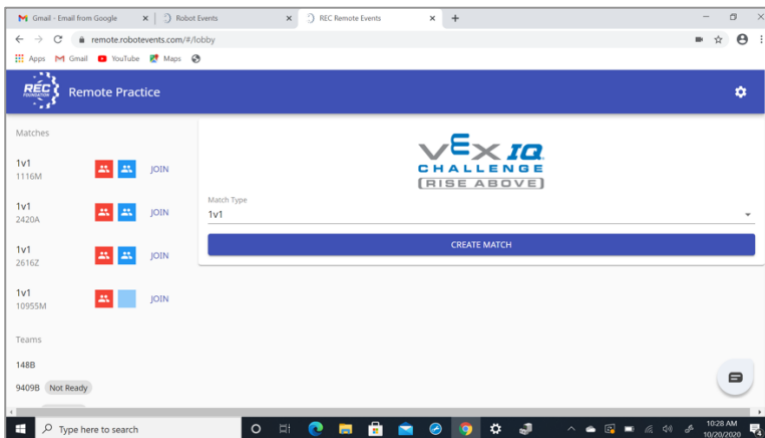


7. Adjust camera to align purple field diagram to fit within the inside perimeters of your field.



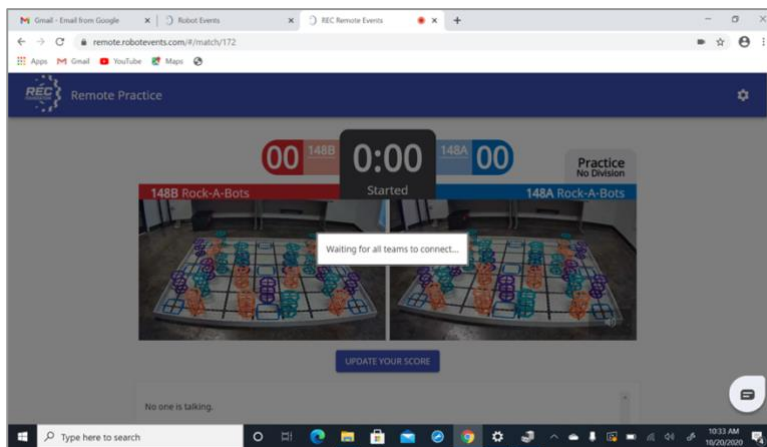
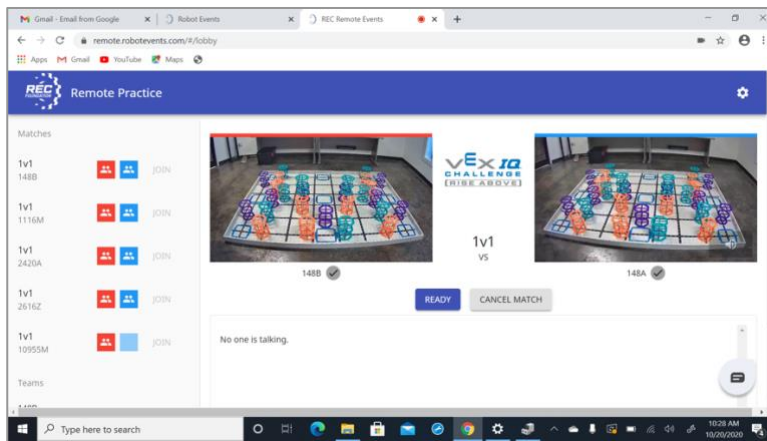
8. When you are in the lobby select a match by clicking “Join” and you will be connected to that match lobby.

NOTE: You can also click “Create Match” if you don’t see any matches to join.

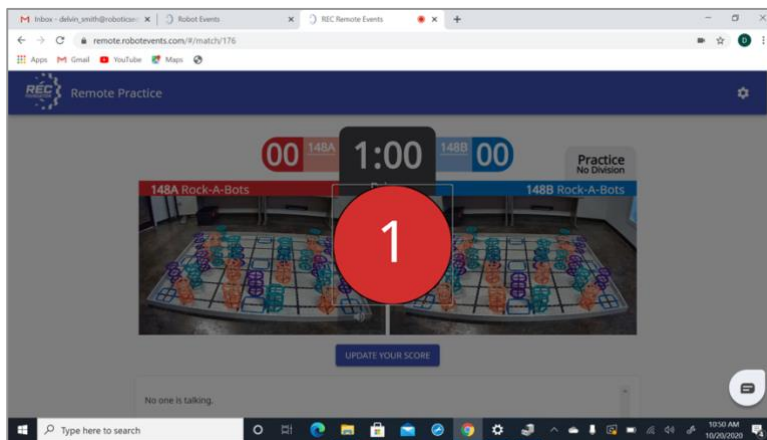


9. When in match, you will have views of both yours and your teamwork alliance partner’s field. As soon as you are ready to begin match select “Ready” and match will begin.

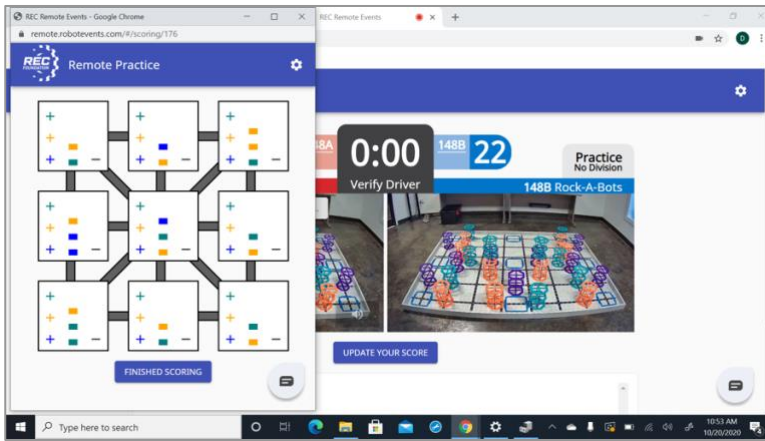
NOTE: Both teams must select “Ready” for match to begin.



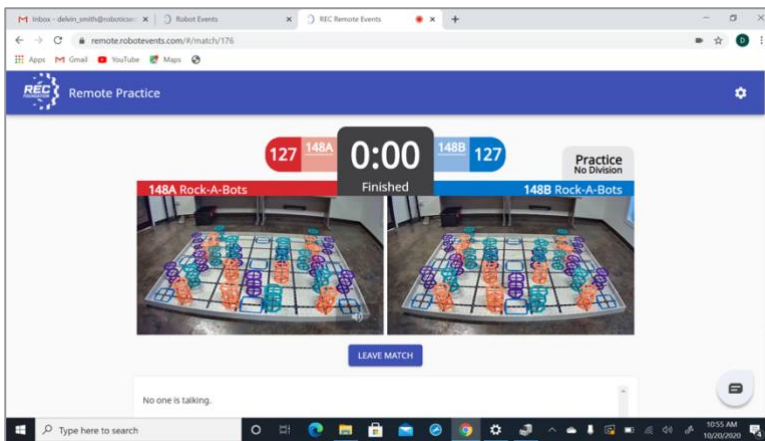
10. Once both teams are ready a 3 second timer will appear, and match will begin.



11. Once the teamwork alliance match has ended you will need to update your teams score by clicking "Update Your Score". Once your score is inputted you will need to finalize your score by clicking "Finished Scoring".



12. Once all scoring is finalized the match will end. Click “Leave Match” to return to the Team lobby.



Feedback and Support

If you have questions or need support, please contact remotesupport@robotevents.com or use the chat function in the bottom right corner of practice.robotevents.com.