AQUACHECK SHUTTLE
Quick Start Guide

Quick Start Guide no 1/2023/2

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Shuttle / Probe Setup Guide

1. Switching the Shuttle On

- Press Function Key 4:

Date:
DD/MM/YYYY
Time:
HH:MM:SS

Arrow Keys
(Up, Down,
Left, Right)

F 1   F 2   F 3   F 4
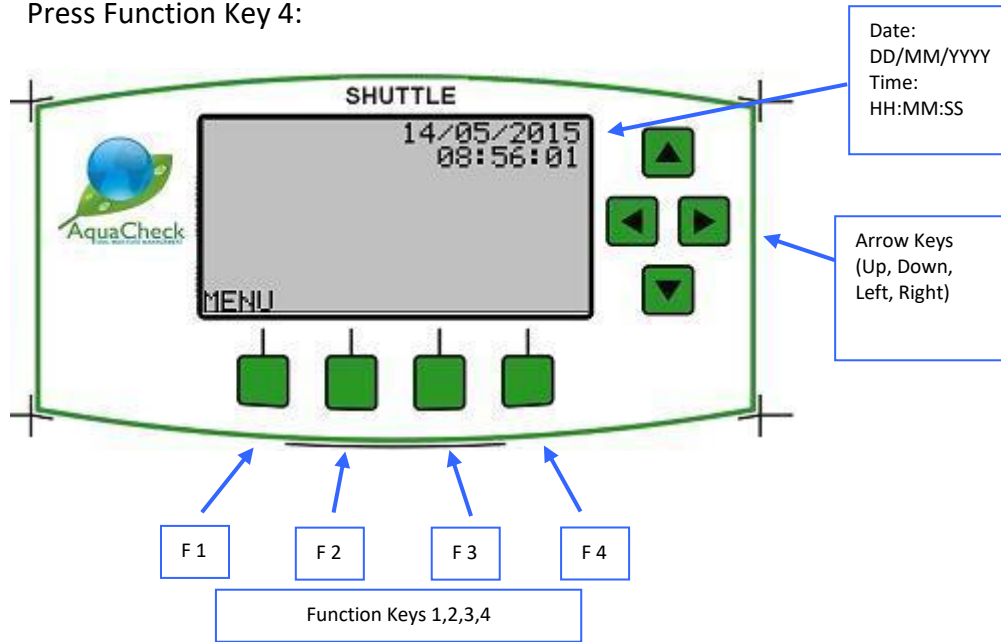
Function Keys 1,2,3,4

2. Setting the Date and Time on the Shuttle

- Press MENU (Function Key 1)
- Use the Down Arrow Key until you see Set Time
- Select OK (Function Key 1)
- Set the date and time
- Select OK (Function Key 1)

3. Configuring Groups

- Select MENU (Function Key 1)
- Use the Down Arrow Key until you see Probe lists
- Select OK (Function Key 1)
- Highlight DefaultGroup 01 (up/down arrows)
- Select Edit (Function Key 2)
- Rename the group to the desired name
- Select OK (Function Key 1)
- Select Channel 11 for V32 probes (Old BASIC III LOGGER) or
- Select Channel 10 for V43 probes (NEW SHUTTLE)

4. Adding new Probes

- Select MENU (Function Key 1)
- Use the Down Arrow Key until you see Probe lists
- Select OK (Function Key 1)
- Highlight the new Group that was created (up/down arrows)
- Select Probe (Function Key 1)
- Select Add (Function Key 3)
- Type in serial number of the new probe by using the up/down/left/right arrow keys – serial number can be found on probe head. Make sure if the number is 5 digits to start with a zero (0).
- Select Next (Function Key 1)
- Leave all settings as is and select OK (Function Key 1)
- More probes can be added to this group by selecting the Add key (Function Key 3) again.
- Select Back (Function Key 4)
- Select Cancel (Function Key 4)
- Select Exit (function Key 4)

5. Best Practice when setting up Groups and adding Probes

- When creating a new group only add either Old BASIC III LOGGER Probes (V32) or NEW SHUTTLE Probes (V43) to a specific group.
- Shuttle must have Firmware V009A loaded to be able to read both V32 and V43 probes. To load latest Firmware please refer to https://aquacheck.zendesk.com/hc/en-us/articles/360013431672-Manuals-Shuttle
- Do not add both types of probes to one group.
- When setting the Channel in each group take care to select the correct Channel:
    i. Old BASIC III LOGGER Probes (V32) ---- Channel 11
    ii. NEW SHUTTLE Probes (V43) ---- Channel 10

6. Switching new Probes On

- Remove the topcap from the probe by loosening the Phillips screw on the side and by using a twist and pull action to remove the cap.
- Connect the terminal to the plug
- Place the topcap back onto the probe and tighten the screw.

7. Setting the Date and Time on a new Probe

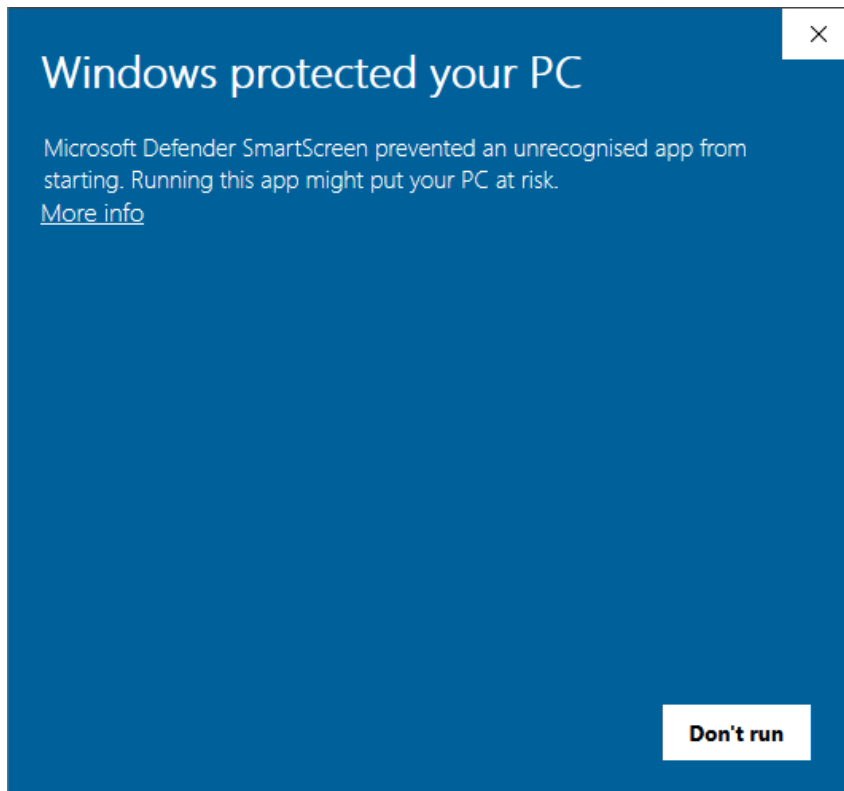### Must be done directly after inserting the battery into probe

- After completing step 5 switch on the Shuttle (Function Key 4)
- Select MENU (Function Key 1)
- Highlight Group Download
- Select OK (Function Key 1)
- Highlight desired Group (up/down arrows)
- Select Download (Function Key 1)

FTP Upload Utility Setup Guide

1. Installation of FTP Upload Utility

- Download the FTP Upload Utility software from the link: https://aquacheck.zendesk.com/hc/en-us/articles/215623923-Setup-FTP-Upload-Utility-Ver-2-
- Install the software by running LoggerUtil.Setup.msi
- After installation connect the Shuttle to the PC via the usb cable.
  i. Please note: Some Windows installations may display a message as displayed below. On this message, click on More info to RUN anyway.
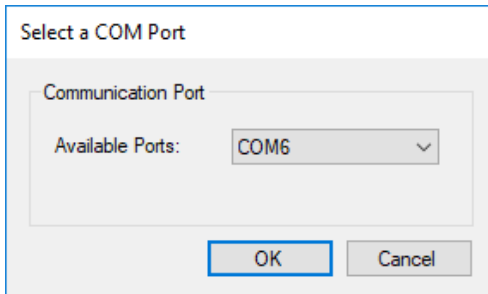

- Wait a few minutes for Windows to install the driver for the port.
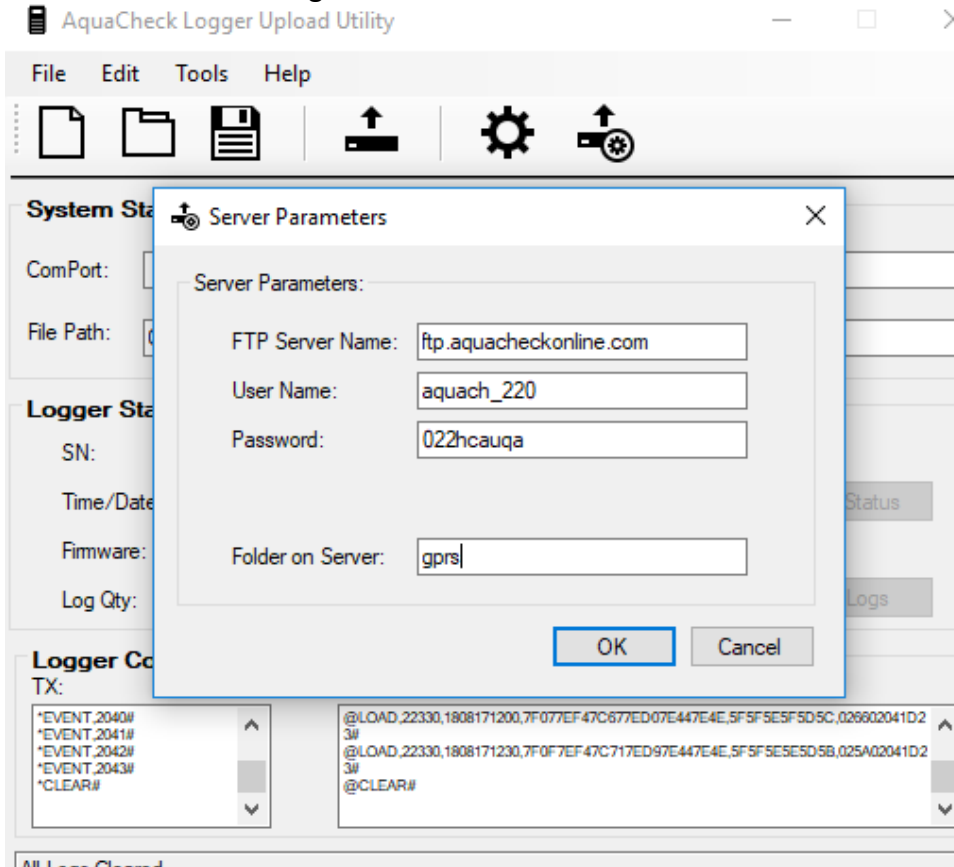- Create folder C:\AquaCheck Logger\Data on your c-drive

2. Configuration of FTP Upload Utility

- Open Start>Programs>AquaCheck>AquaCheck Data Logger
- Select the correct Com port – might not be Com6:

- Click on Edit>Change Default Path
- Set path to C:\AquaCheck Logger\Data
- Click on Edit>FTP settings:

FTP Server Name: ftp.aquacheckonline.com
User Name: aquach_220
Password: 022hcauqa
Folder on Server: gprs

Scanning of Probes with the Shuttle

1. Scanning the Probes

- Switch on the Shuttle (Function Key 4)
- Select MENU (Function Key 1)
- Highlight Group Download
- Select OK (Function Key 1)
- Highlight desired Group (up/down arrows)
- Select Download (Function Key 1)

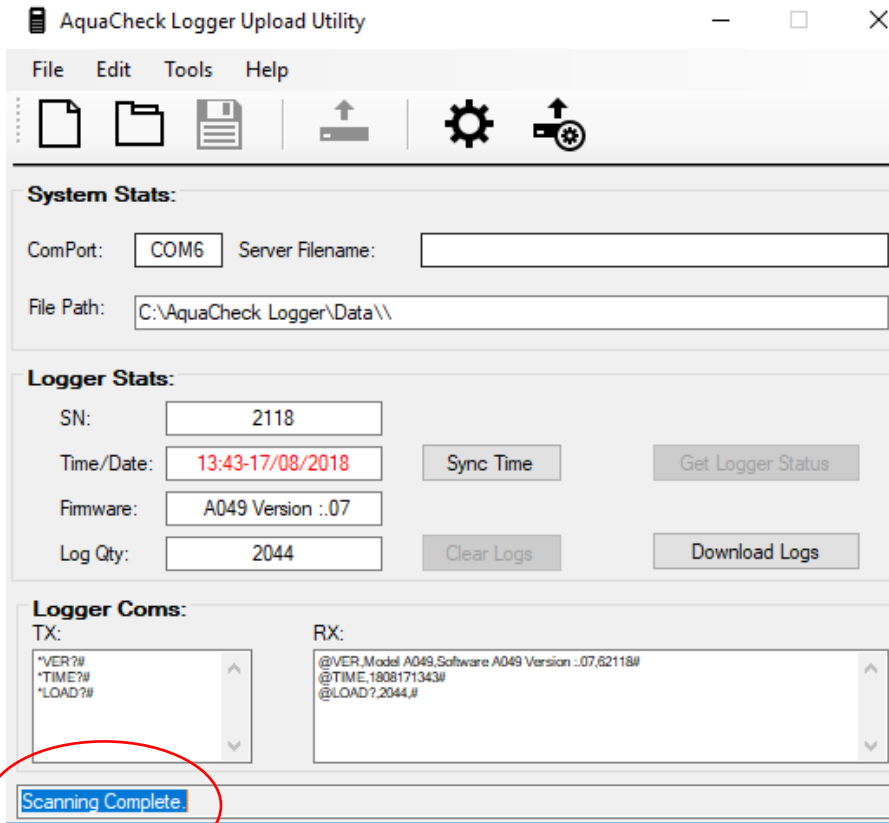## 2. Loading of Shuttle data onto AquaCheckWeb

- After reading of probes are completed connect the Shuttle via the USB cable to your PC/laptop.
- Open the AquaCheck Data Logger program.
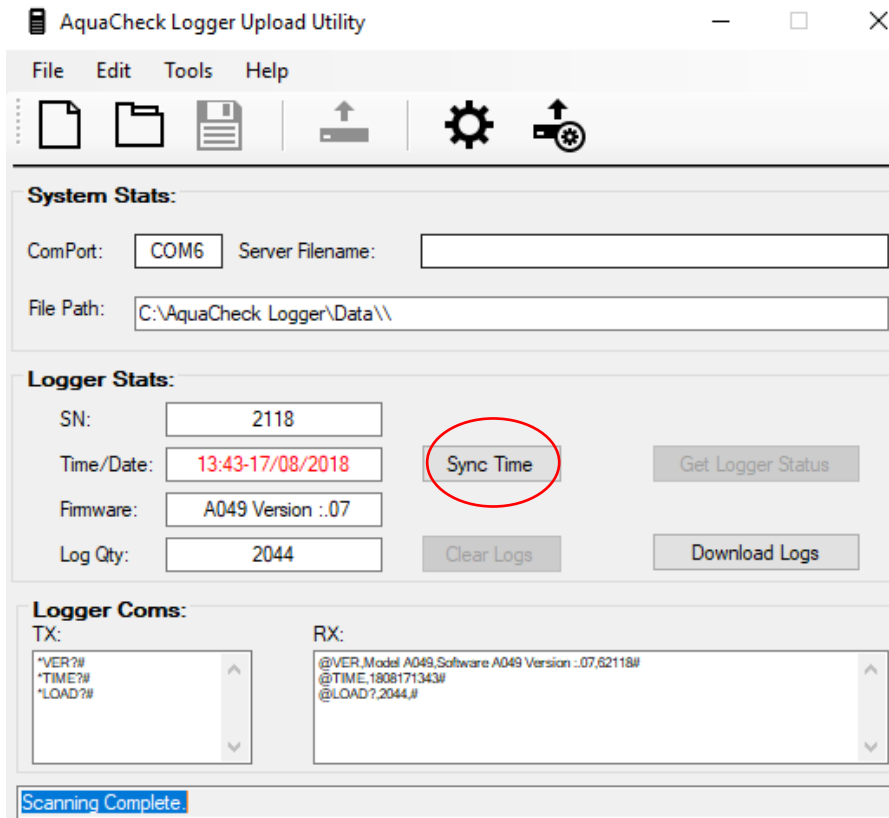- Click on Get Logger Status:
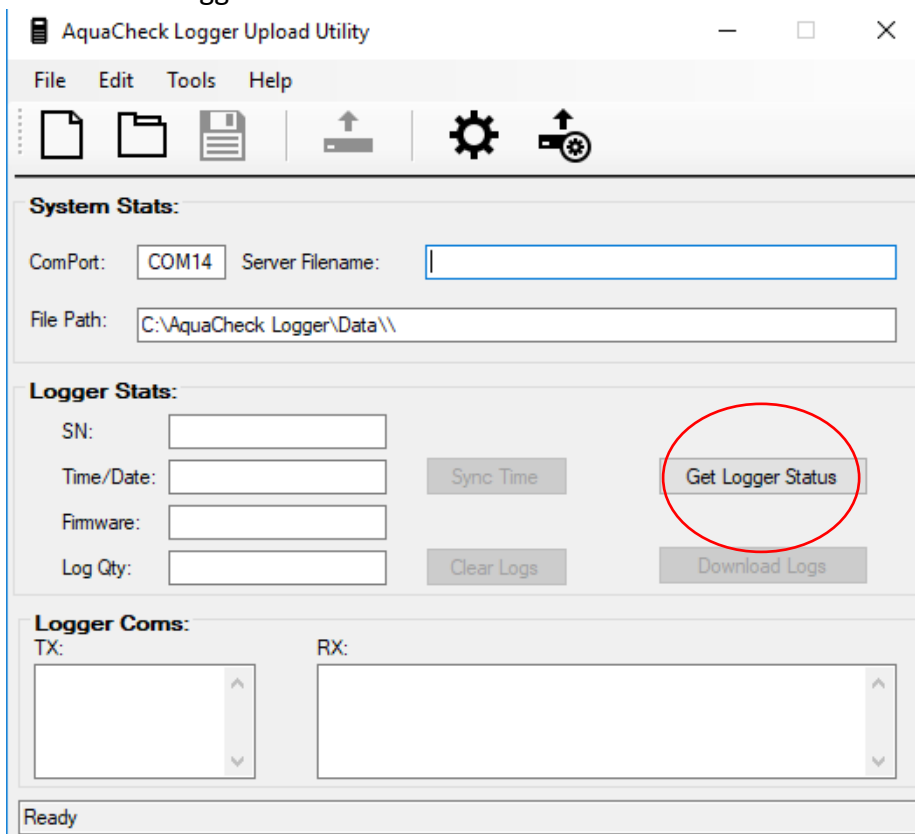
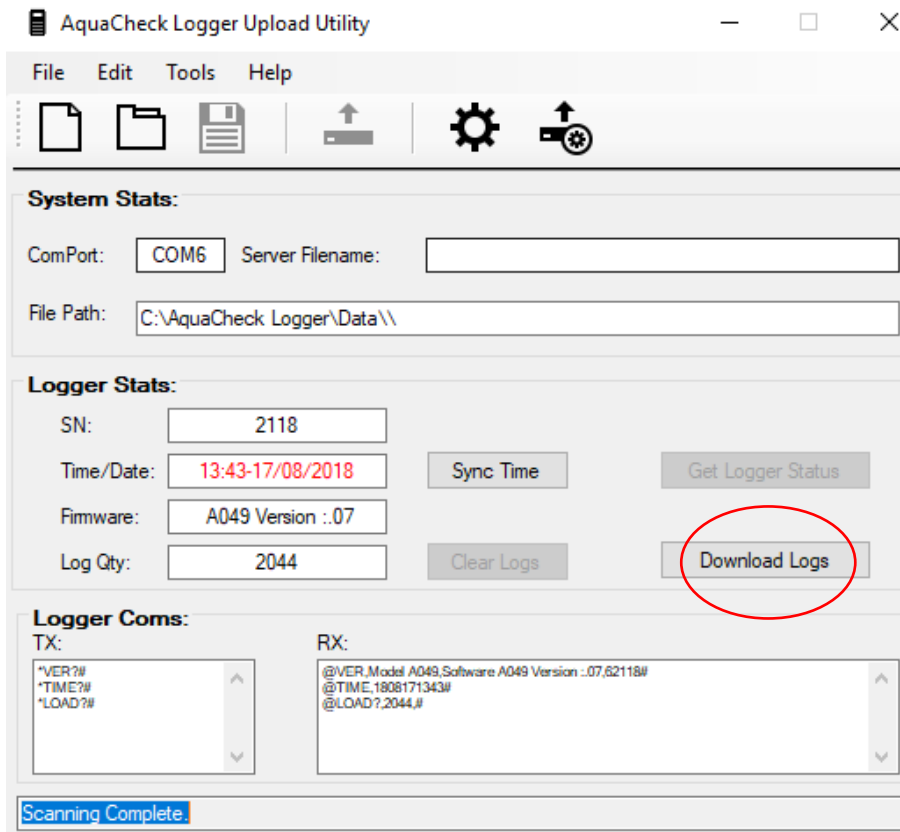- Wait for the scanning to complete:

- After scanning is complete make sure the Time/Date is correct. If not click on Sync Time:
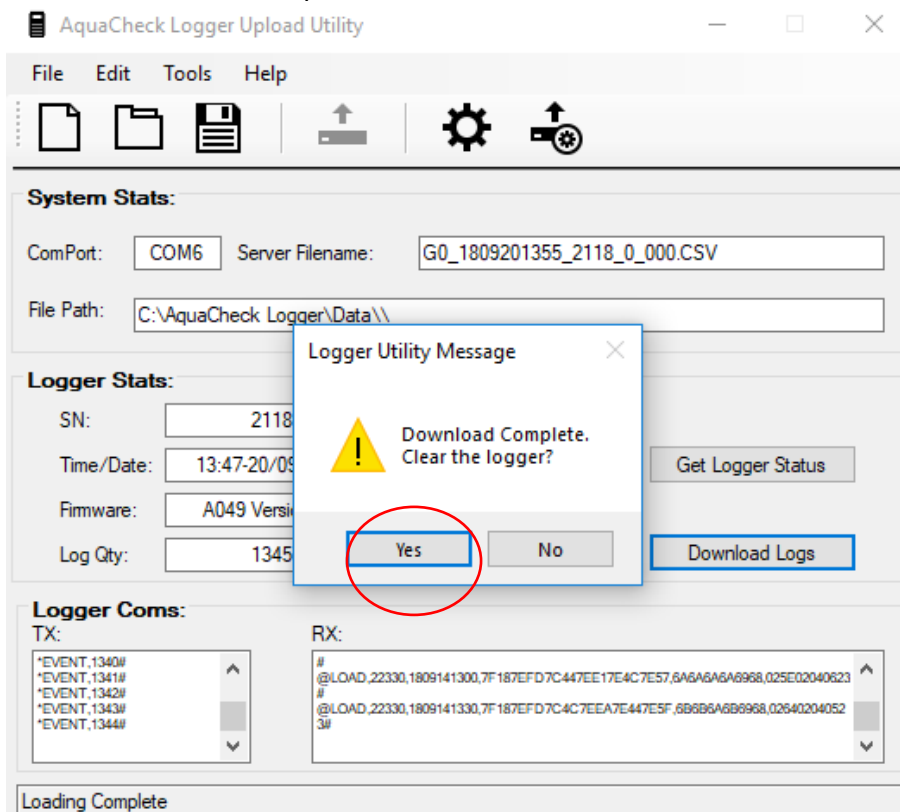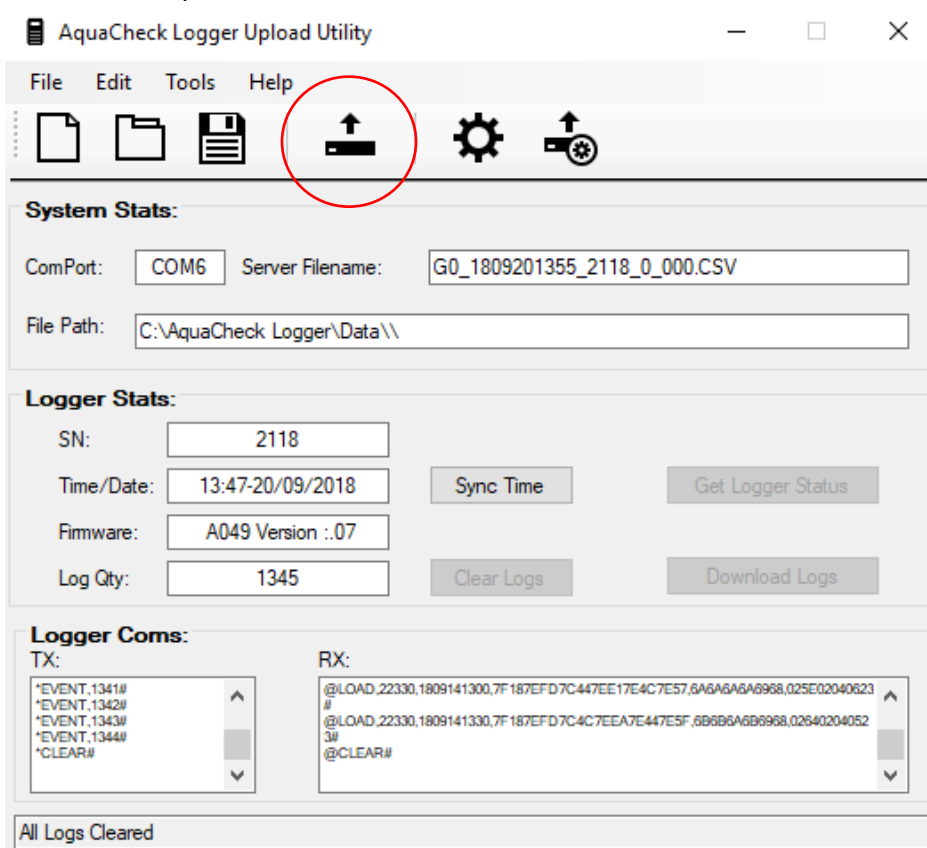
- Click on Download logs:

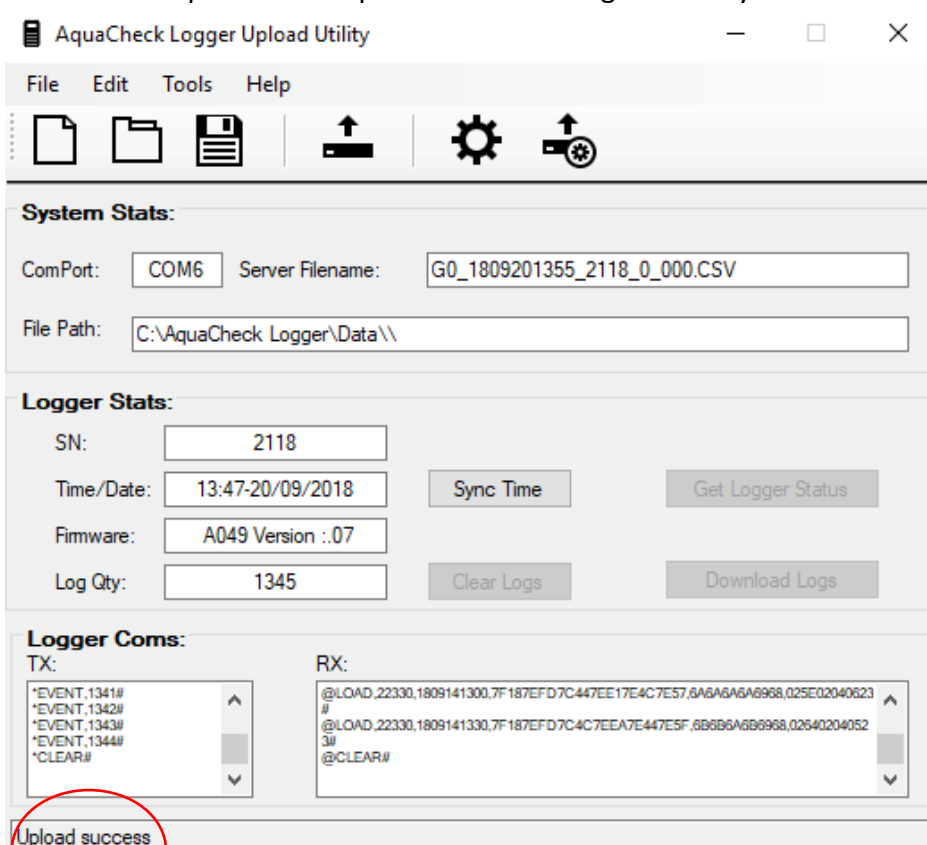- After Download is complete click on Yes:

- Click on the upload icon:

- Wait for the upload to complete before closing the Utility:

Our Global Footprint

AquaCheck's head office and factory are in Cape Town, South Africa. A global distribution network provides the full range of soil moisture management equipment to farmers worldwide.

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