LoTW and TQSL

ARRL's Logbook of The World and Trusted QSL

By George County ARES

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Why does Logbook of The World Exist?



LoTW makes confirming contacts easier



LoTW makes confirming contacts quicker



LoTW makes confirming contacts cheaper

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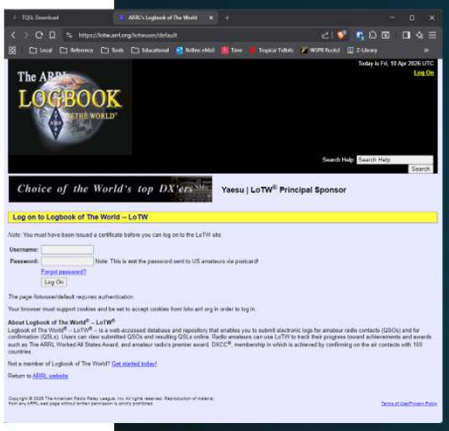
Why Hams actually use LoTW

- Fast, reliable QSO confirmations.
- No postage, no waiting for QSL cards.
- Helps others confirm YOU for awards.
- Secure system, trusted worldwide.
- You do NOT have to join ARRL to use it.

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What LoTW Actually Does

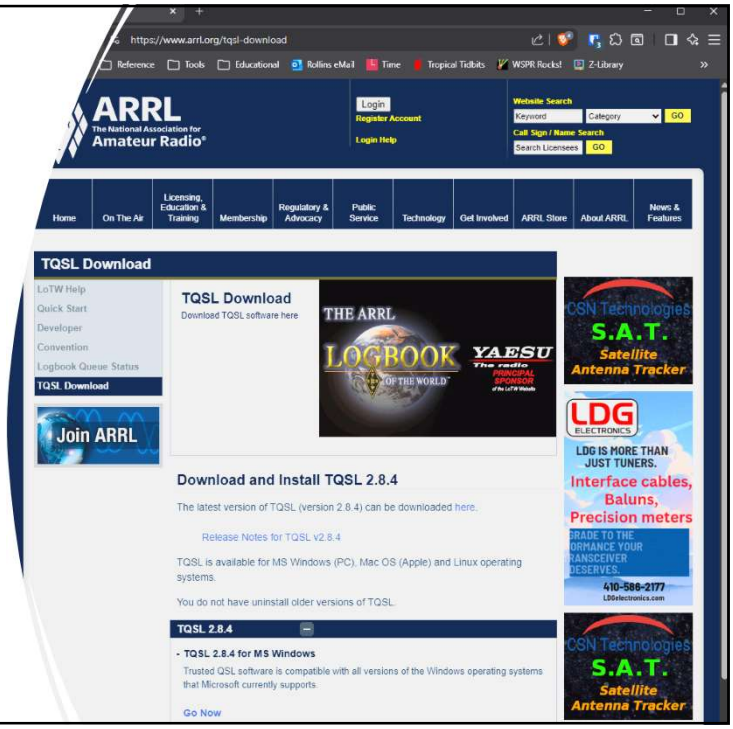
- Stores basic QSO information electronically.
- Matches your QSOs with other operators.
- Confirms contacts automatically when details match.
- Tracks progress toward DXCC, WAS, VUCC, WPX, WAZ
- LoTW is for contesters
- Even if you do not contest, many other hams do.



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What TQSL Does

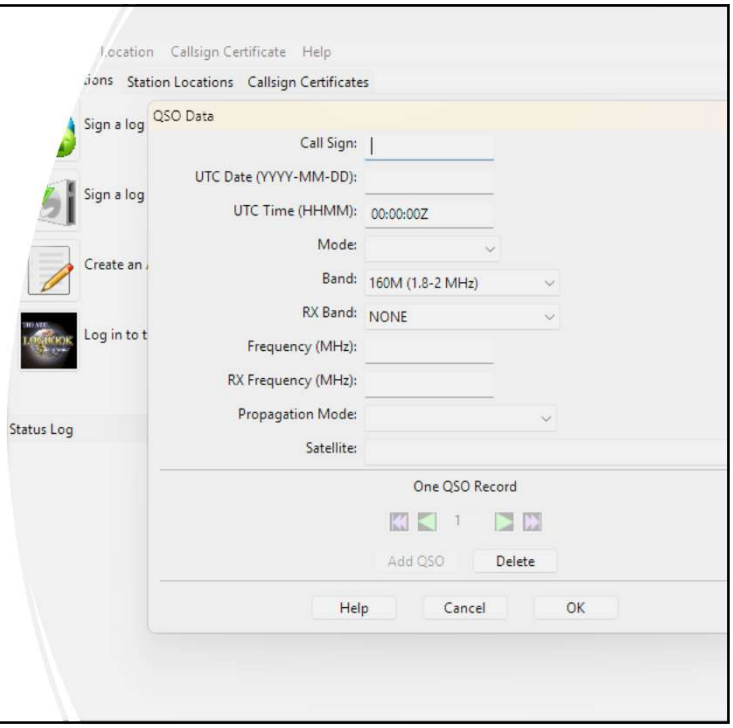
- Manages your Callsign Certificates
- Creates and signs your log file uploads
- Ensures logs are authentic and unaltered
- Lets you define station locations
  - Parks On The Air anyone???



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TQSL for Logging?

- Yes, you actually can use TQSL to create a log
- But Should you?
- TQSL is not a logging program – it's a signing and upload tool.



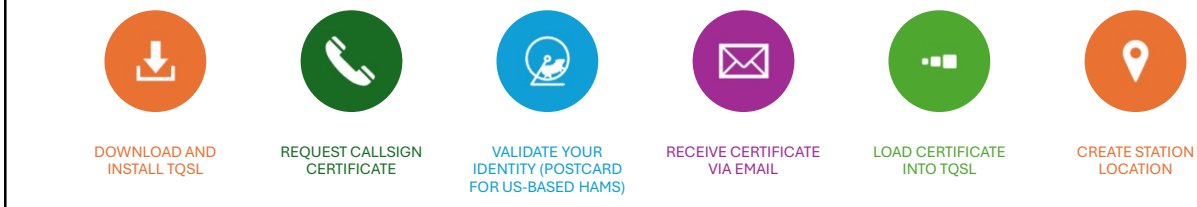
6

What you need to get started...

- Your callsign and license information (location)
- TQSL software installed on your computer
  - Windows
  - Mac
  - Linux
- An electronic log file (ADIF or Cabrillo)
- A valid email address

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The LoTW Setup Process (Overview)



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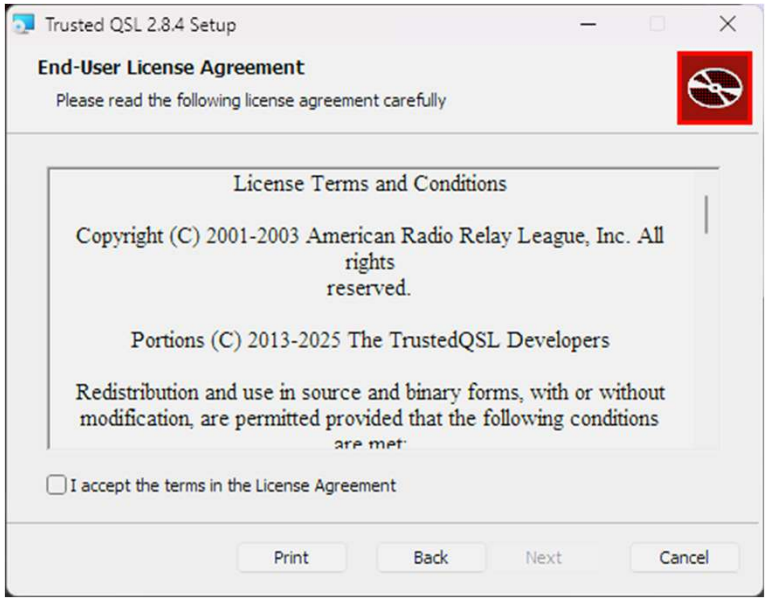
Let's Install TQSL

- Download the installer
- https://www.arrl.org/tqsl-download



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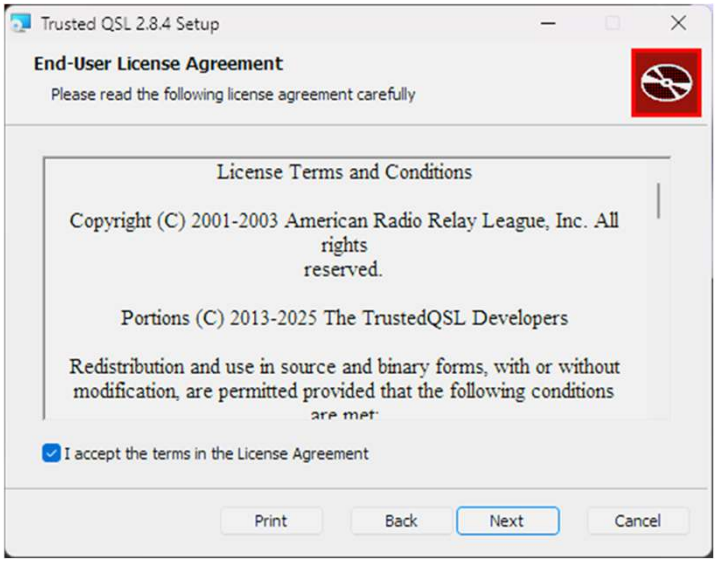
Read the EULA



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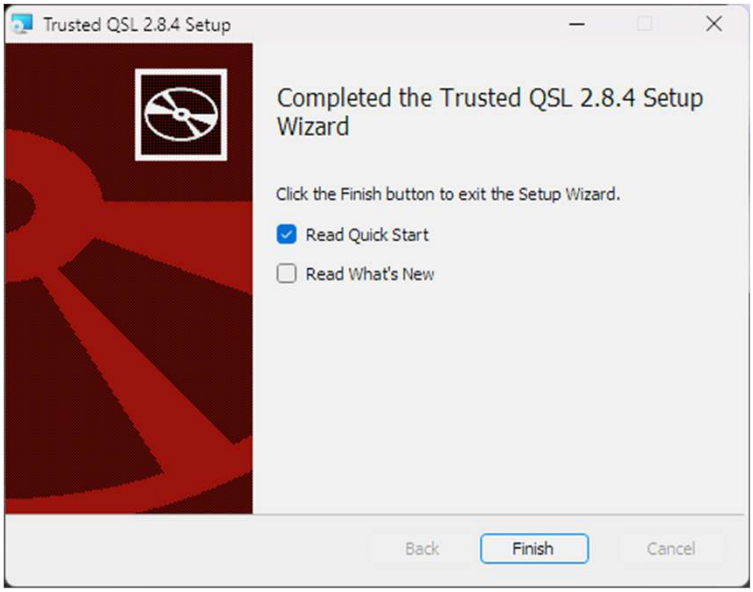
Accept the EULA

- You did **READ** it.
- Didn't you???



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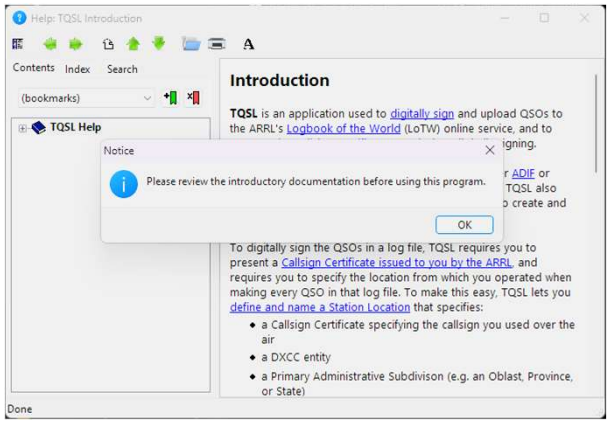
Install Complete



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TQSL Introduction

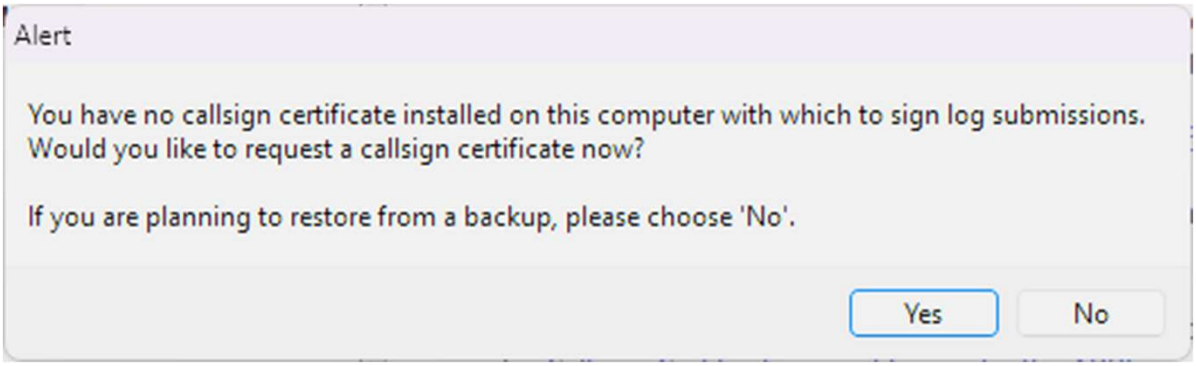
Read the Introduction



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No Callsign Certificate Alert

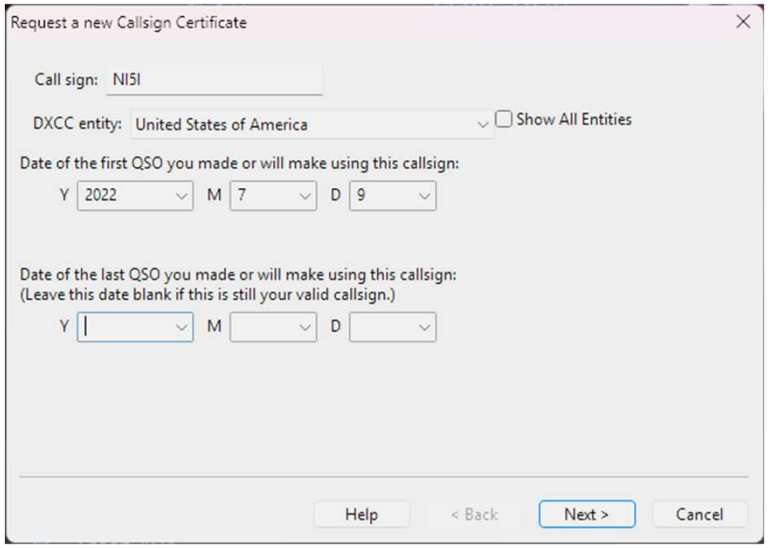
Is it that obvious???



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Requesting the certificate is easy

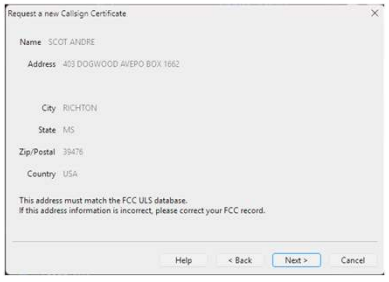
Request a new Callsign Certificate



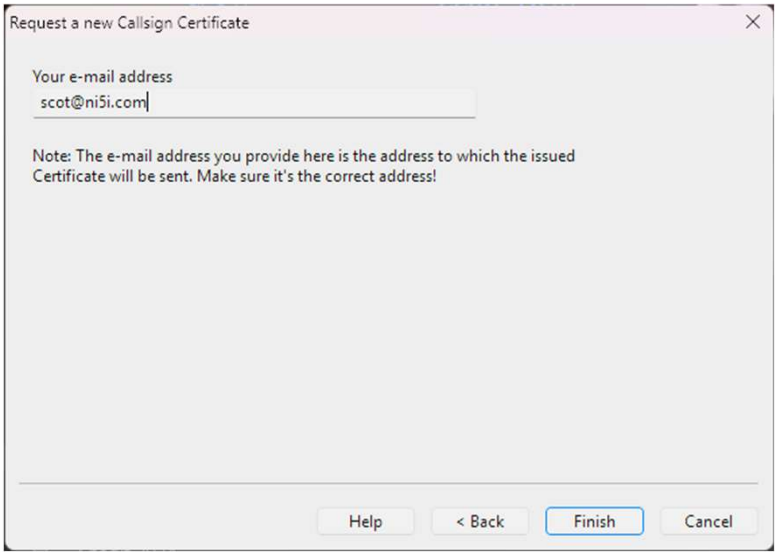
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Requesting a New Callsign Certificate

- Uncanny.
- They know where you live!



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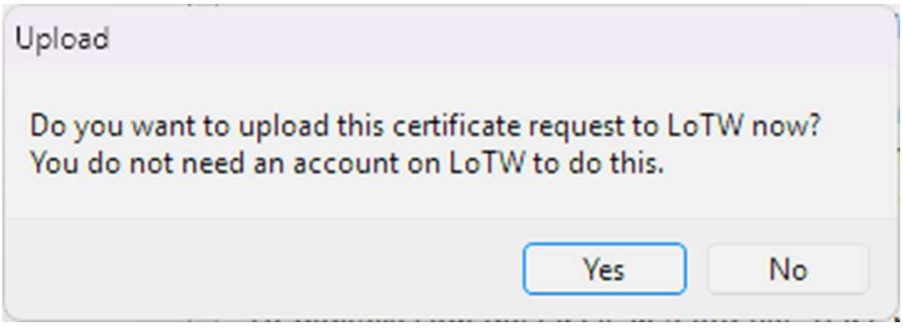
Requesting a New Callsign Certificate

Finally, enter a reliable email address

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Upload the Certificate Request

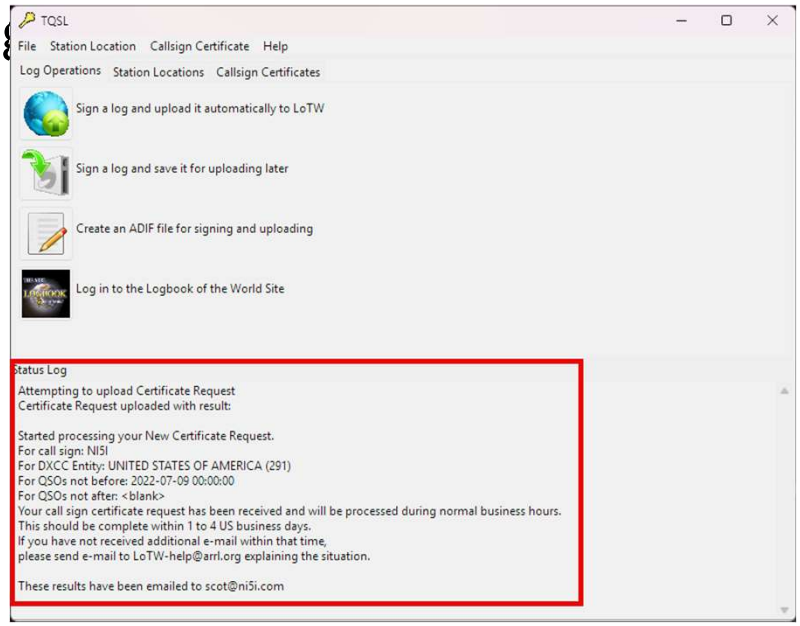
Are you sure?



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TQSL Status Log

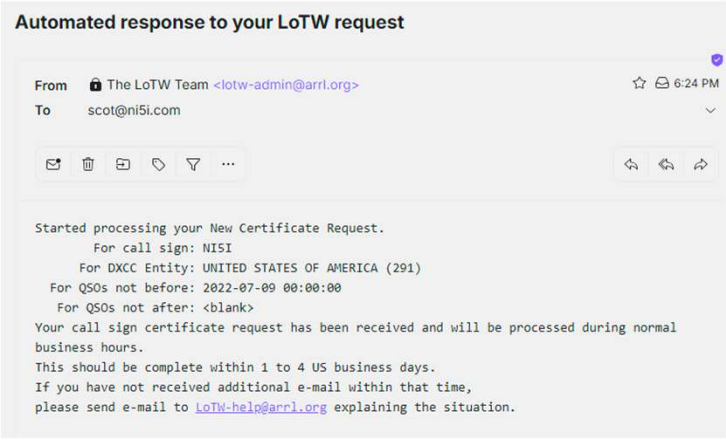
- There are no secrets to what the software is doing here.



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Email Verification

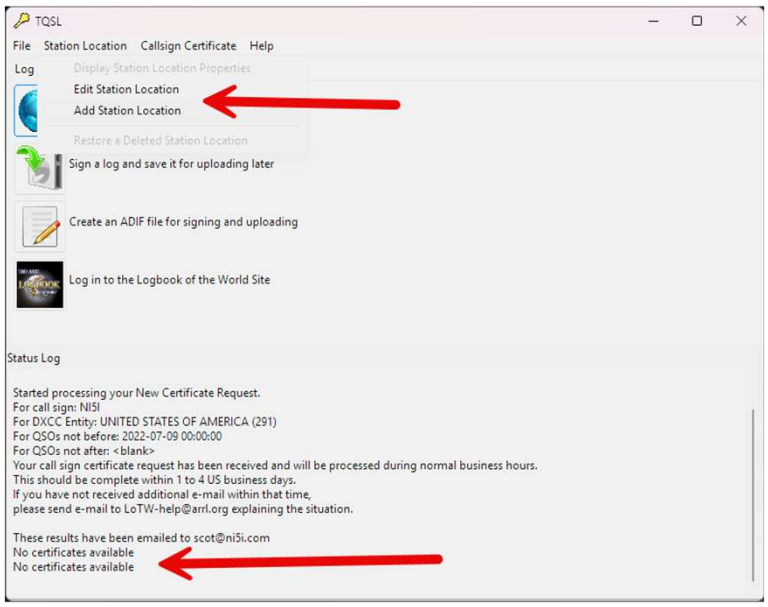
- Some call it SPAM
- But you will receive an automated response



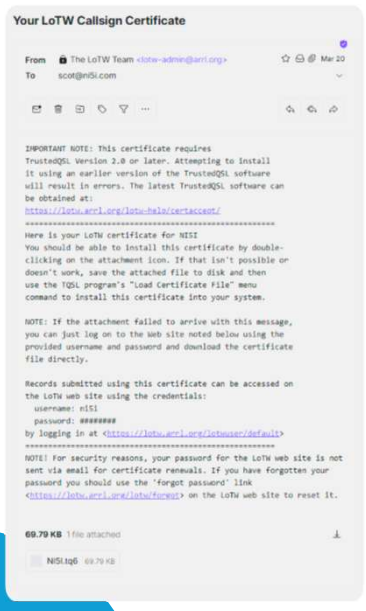
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You did wait until you received your certification. Didn't you???

Add Station Location



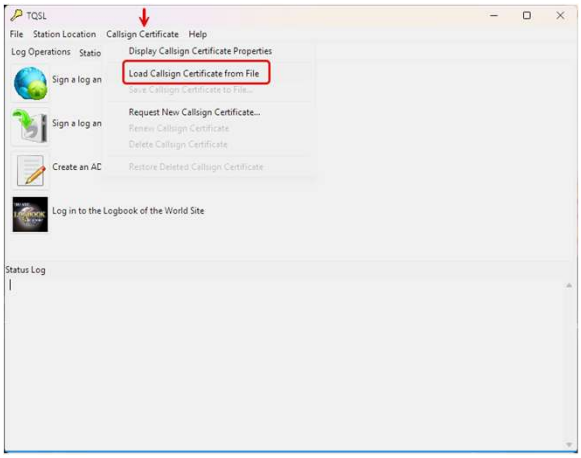
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Your Certificate Arrives

- Sorry, I left out the postcard part…
- Save the attachment in a place on your computer that you will be able to find.
- Preferably, NOT on your desktop.

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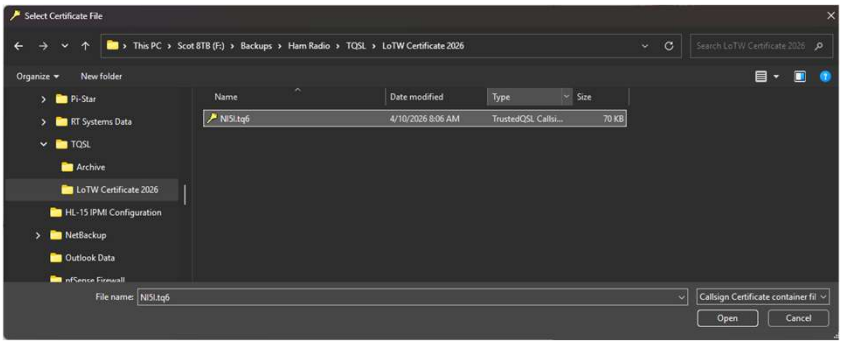
Load the Certificate

- Loading the certificate is easy.
- You remembered where you save that attachment?

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Select the Certificate File

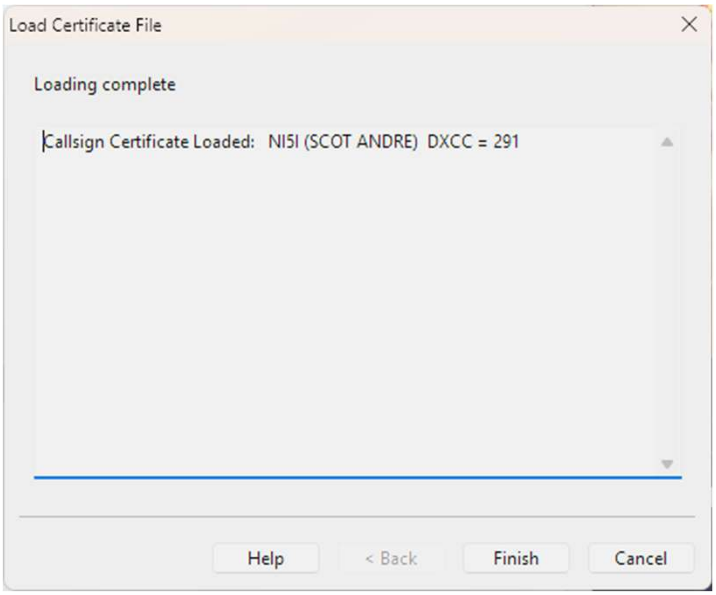
- Find that pesky file…
- Yours probably won't be named NI5I.tq6



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Success!

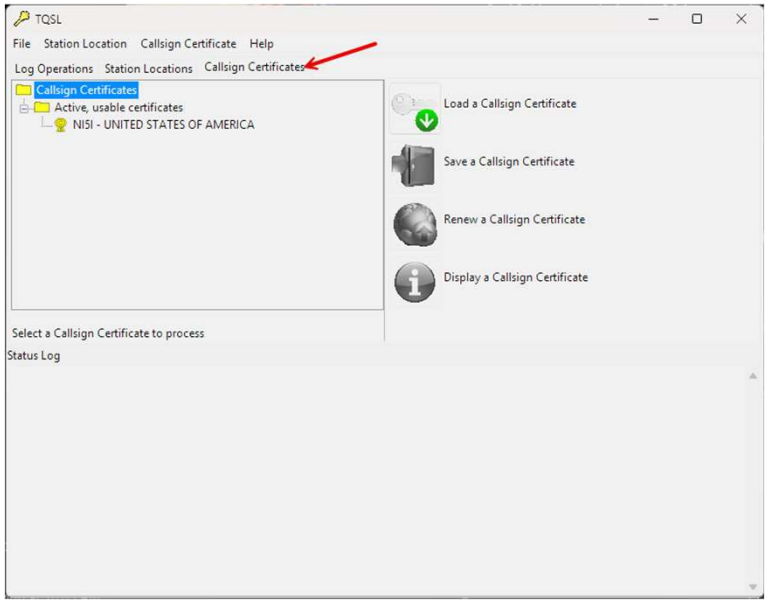
- Certificate loading is complete



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You can have more than one certificate in TQSL.

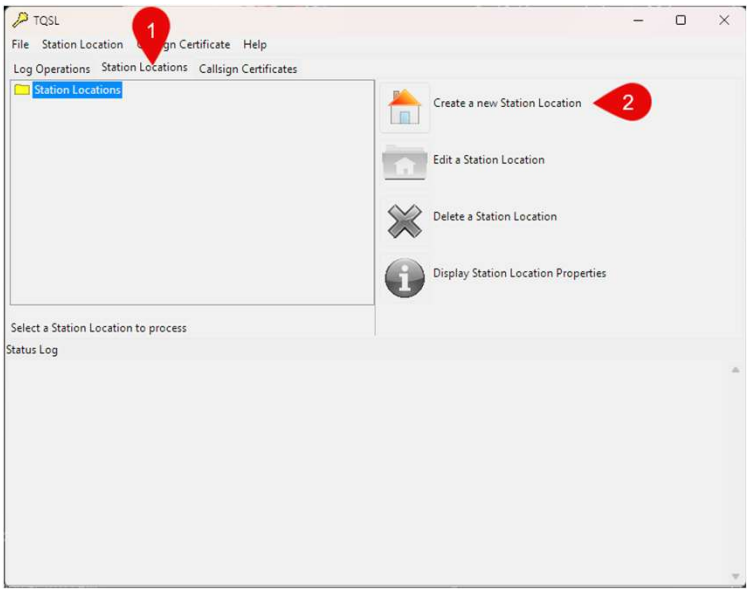
Viewing the Certificate(s)



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Now you can set your Location

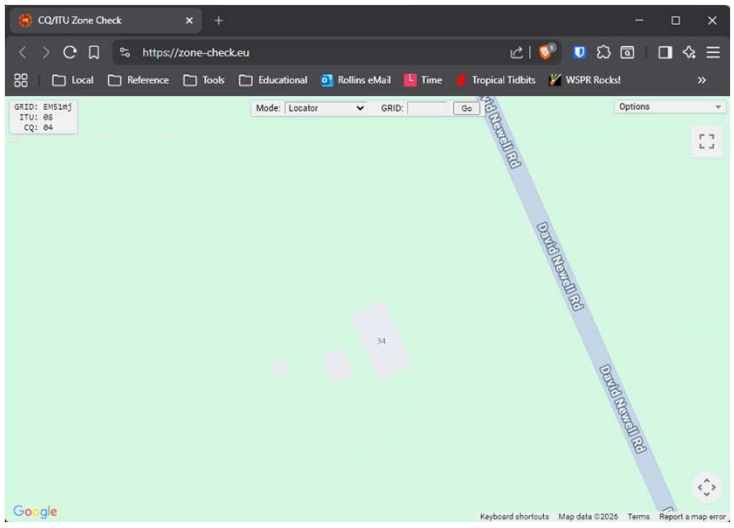
You may have multiple locations



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ITU Zone, CQ Zone and Grid Square

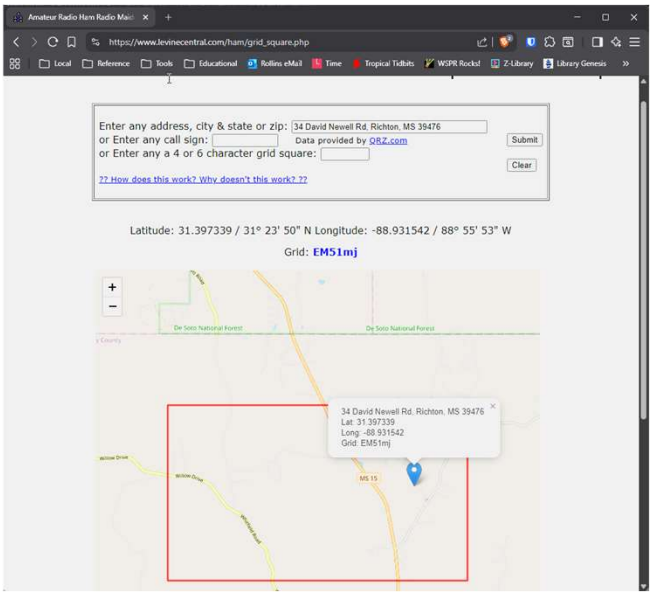
- https://zone-check.eu
- You can look up all three at the same time.



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Grid Square

- https://www.levinecentral.com/ham/grid_square.php
- Will allow you to look up your grid square easily.



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Location Complete



- Your first location is complete.
- Add others as needed anytime.

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Location Name

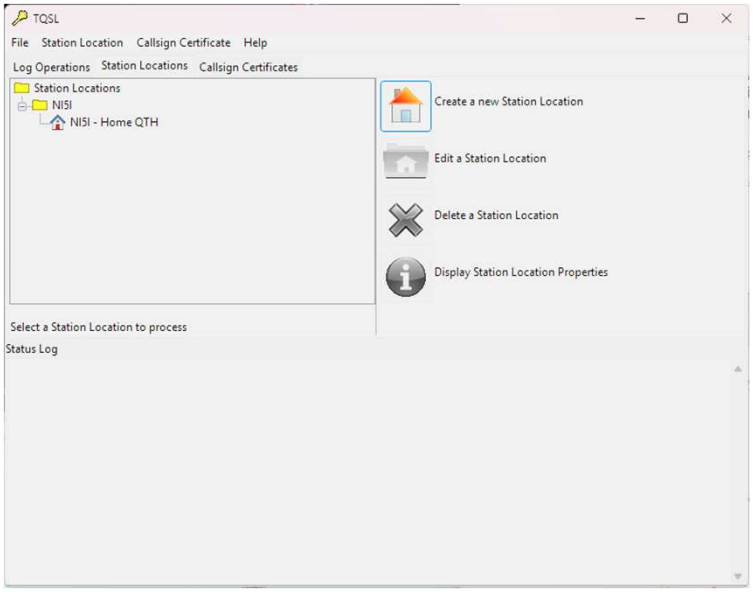
Finally, name your location appropriately. Home, Son's house, Fish Camp, POTA site.



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Location Complete

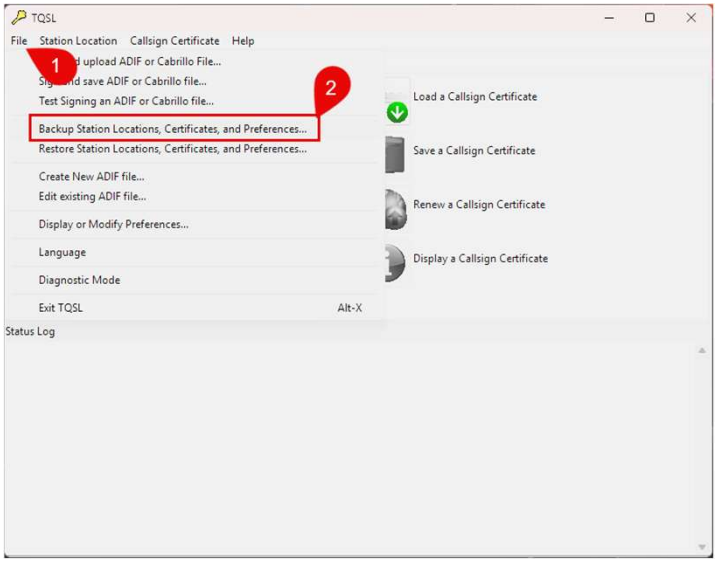
Okay, now the location is complete.



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Backup

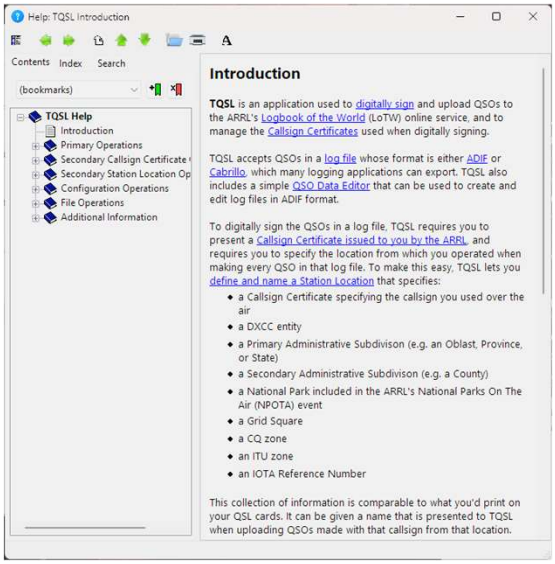
- Don't forget to backup your TQSL
- Often!



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TQSL Help

- The Help File is…
- Well, helpful…



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Resources

- https://www.arrl.org/tqsl-download

- Gary Hinson, ZL2IFB has written a LoTW user guide that contains more information than most people want to know.
- https://www.g4ifb.com/LoTW_New_User_Guide.pdf

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