

# How to download data from USV

## Technical FAQ



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Sometimes our equipment cannot get the data completely in remote place where lost connection between the boat and ground station, so in order to get missing data on ground station, we need to know how to download data from the boat. Let us see how to use this function.

## Steps:

1. **Power on the boat by switching the toggles on both side of the boat**

2. **Connect the WIFI**

Find the WIFI corresponding to the Serial Number of the boat. Create a connection between the boat and your computer. To get a stronger signal of WIFI you should mount the 5G antenna on the boat.



Figure1

### 3. Download data

Open the folder and type `ftp://192.168.53.254` in the illustrated position.

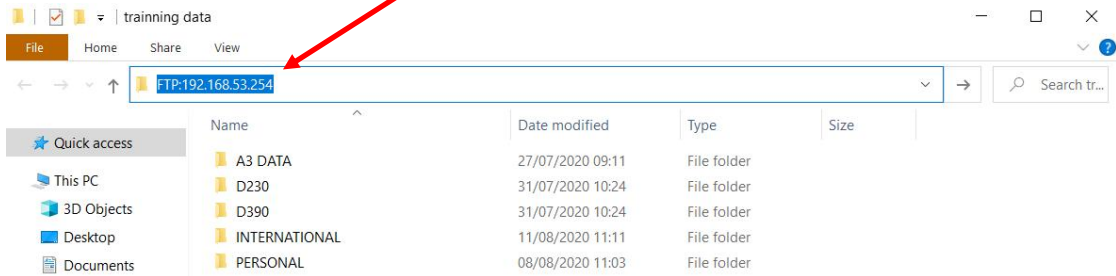


Figure3-1

Enter the account as shown below When it pops up the login interface.

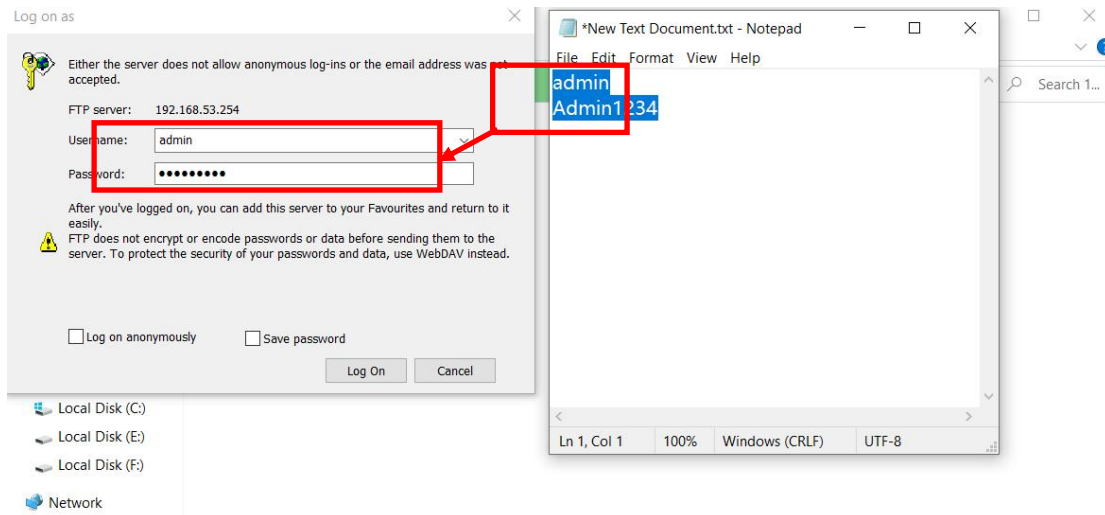


Figure2

Open record\_2 folder, select the dep file and the sd file corresponding to the date.

(The data recorded in record\_1 folder is according to the default parameters, but according to the parameters you set in record\_2 folder.)

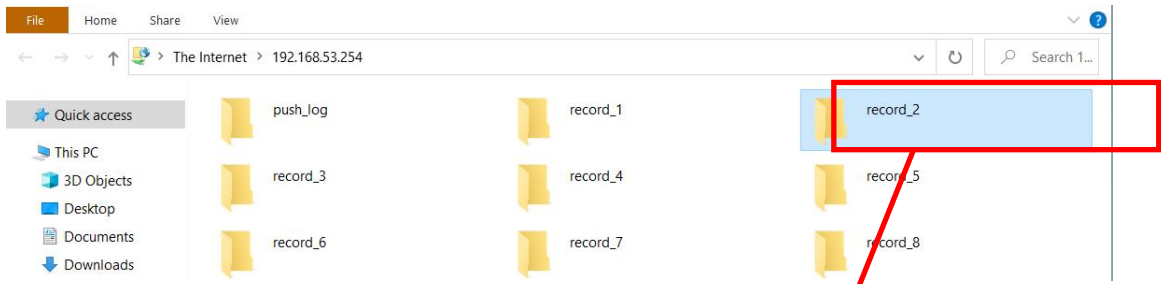


Figure2-3

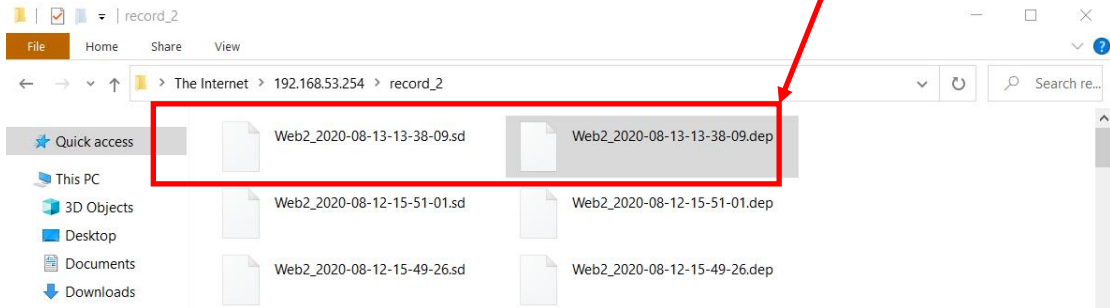


Figure3

#### 4. Post-processing the data

Copy the file to the corresponding project. The dep file should be placed in Depths folder and the sd file should be placed in RawData folder.

(the waveform data is recorded in dep file and the original data is recorded in sd file.)

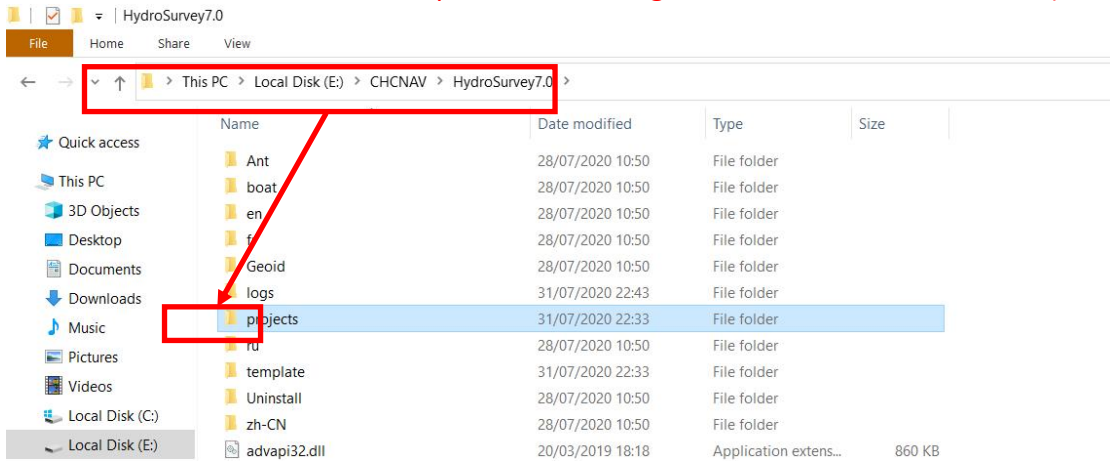


Figure4

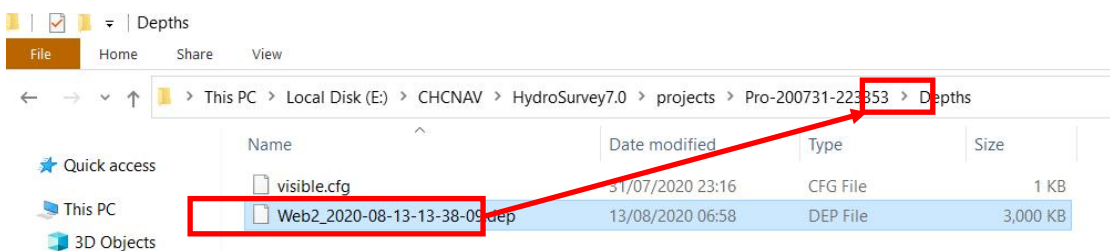


Figure4-2

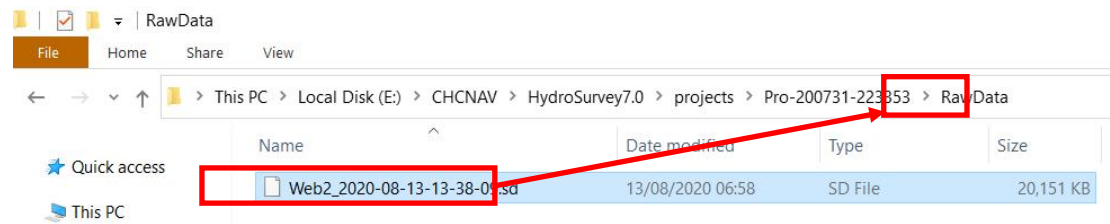


Figure5

**CHC Navigation**

Shanghai Huace Navigation Technology Ltd.

CHCNAV | Smart Navigation & Geo-Spatial Technology

Park,

577 Songying Road, 201703, Shanghai, China

Tel: +86 21 542 60 273 | Fax: +86 21 649 50 963

Email: [sales@chcnv.com](mailto:sales@chcnv.com) | [support@chcnv.com](mailto:support@chcnv.com)

Skype: chcnv\_support

Website: [www.chcnv.com](http://www.chcnv.com)