Quality Control

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We got the OBS back, now what?

1) Is the OBS running? No – skip to step 3

2) Clock skew correction

3) Download data

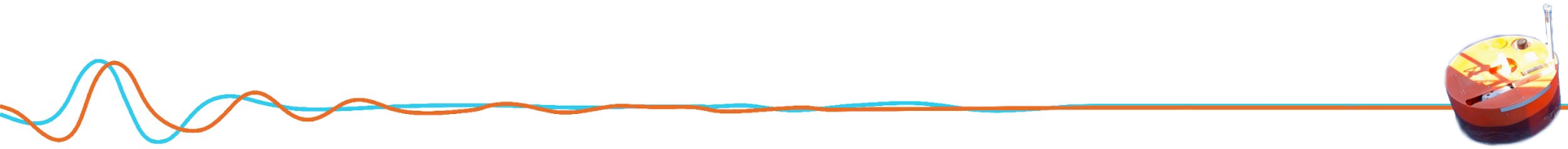
4) Convert data into standard formats

We got the data, now what?

So far, we have only ensured that the data is technically accessible

Before we begin to process it, we need to ensure that it is, in fact, usable

It’s where Quality Control comes into the picture

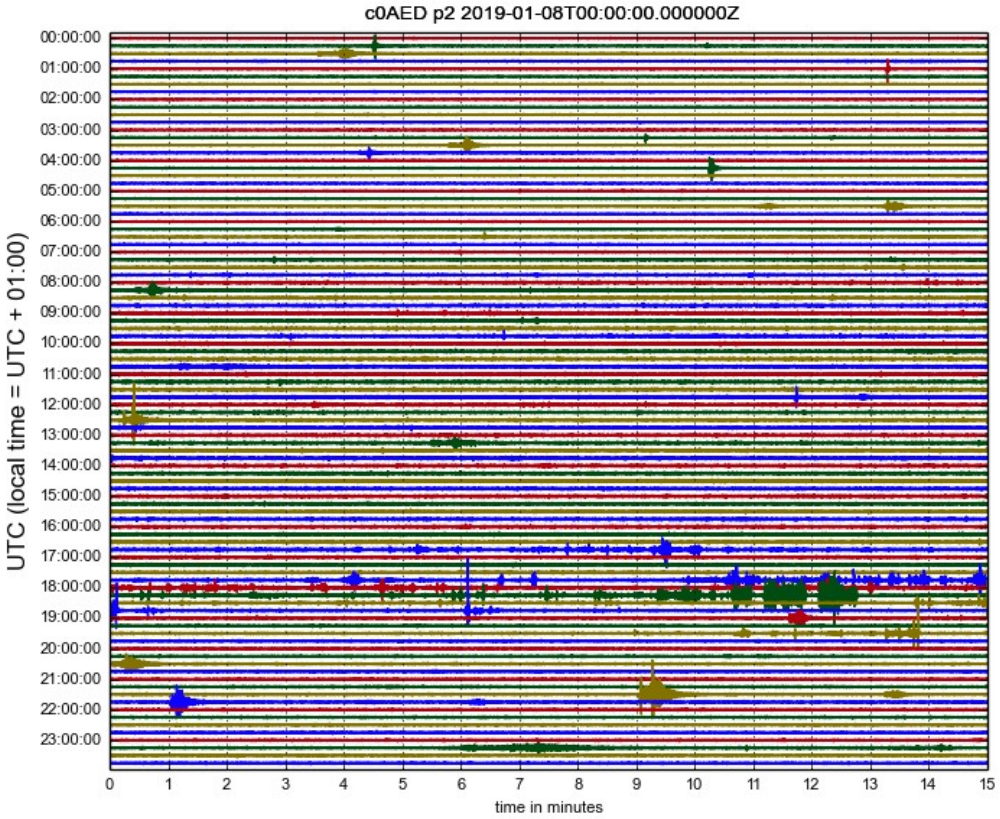


We got the data, now what?

Simplest things first:

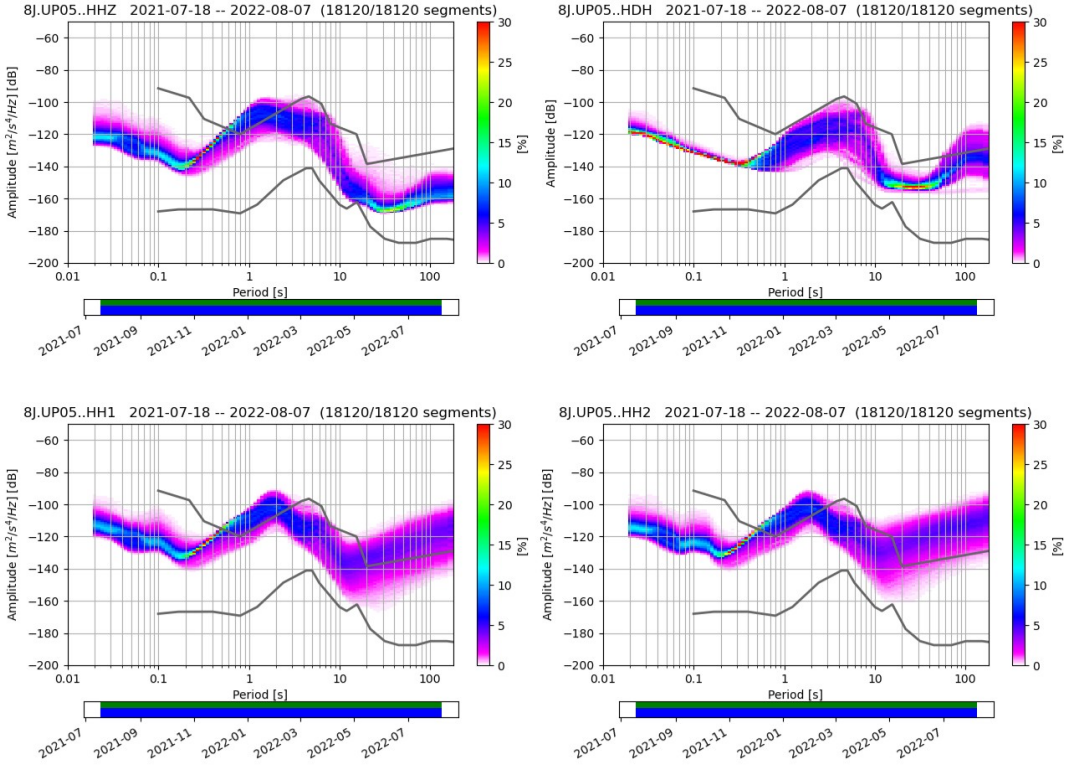
1) Manual scrubbing

2) Dayplots



We got the data, now what?

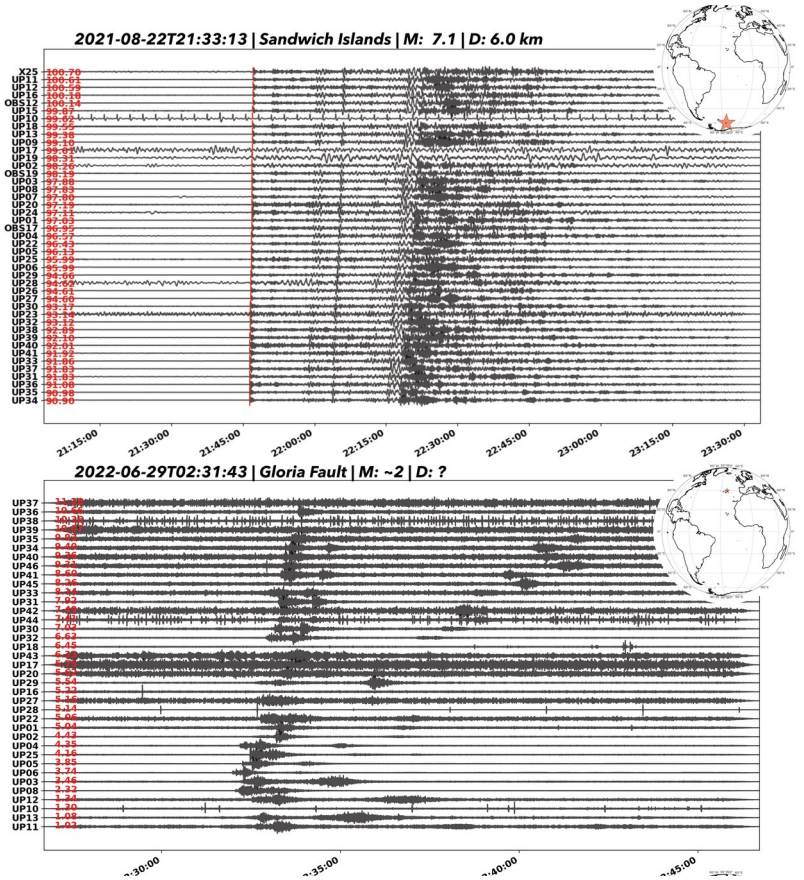
Check noise levels



We got the data, now what?

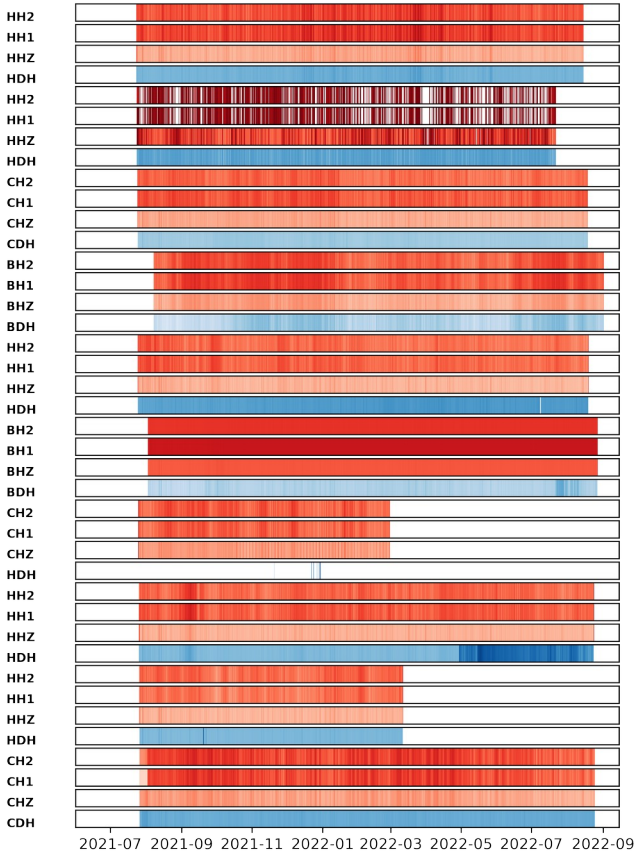
Hopefully, you prepared a list of earthquakes beforehand

You can use it to check for clock skew and location problems



We got the data, now what?

Further analysis can focus on the data availability during the acquisition timeframe



We got the data, now what?

If you have time, you can calculate spectrograms and look for specific details