## NAQ 2011

## **General problem in 2011:**

Sporadic missing samples in the 1-Hz data stream. Some noise and spikes below 1 nT. All data is from main system NAQ4, but from October 31<sup>st</sup> to November 10<sup>th</sup> data is from back-up system NAQ6. Could be replaced by NAQ4-data later.

month	Time uncertainty [s]	Data quality comments and issues
January	± 2	
February	± 2	
March	± 2	
April	± 2	Some noise on 11, not flagged.
May	± 2	Noise-like feature on 04 also in neighbour station FHB, therefore natural origin.  Some noise on 10, not flagged. Artificial disturbance on 13.  From mid of May many spikes in H.
June	± 2	Noise-like feature on 13 also in neighbour station FHB, therefore natural origin.
July	± 2	
August	± 2	
September	± 2	On 15th, 16th, 17th, 18th, 19th, 20th maintenance and data gaps.
October	± 2	Data gap 31/10 to 10/11 replaced with NAQ6, could be filled in later by NAQ4.
November	± 2	Data gap 31/10 to 10/11 replaced with NAQ6, could be filled in later by NAQ4.  Data gap 30/11 has to be filled in or replaced by NAQ 6 later.  On NAQ6: On 06th and 10th artificial or natural disturbance <1 nT.
December	± 2	December: Data gap on 8th has to be filled in or replaced by NAQ 6 later. December: On 14th maintenance, disturbed data flagged.