DE609: Norderstedt Report of the Bielefeld-Hamburg LOFAR station



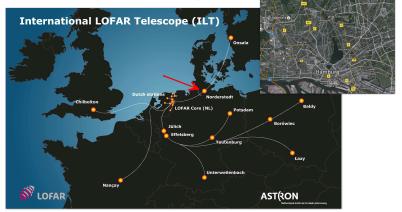


Jörn Künsemöller

7th of April, 2016

DE609?

- Construction: Late 2014
- First Light: 20th of Jan, 2015
- ▶ In Production: Since 4th of Feb, 2015



Inauguration: 9th of Sept, 2015



Station Upgrades

- ► UPS for the clock
- 2 web cameras
- Outreach displays
- ► Geocache



Maintenance / Issues

- Biggest problem: RFI
 - DAB radio
 - Electric fences
 - Overland power lines
- Station damages / defects
 - Minor storm damages (fallen LBAs, fence)
 - Broken rubidium clock
 - Clock connection was missing T-connector
 - Failed power supply module
 - ► LBA cable damage
 - A few fiber downtimes

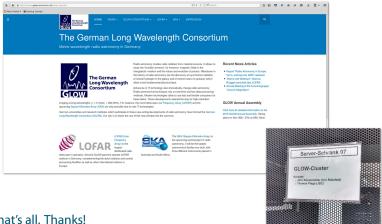


Outlook / Plans

- Weights on LBA groundplanes
- ► 'Julen' against mice
- Environment monitoring
- BSc thesis on 'DAB shield'
- Hardware notch filters for DAB frequencies



Slightly Off-Topic: GLOW Cluster & Website



That's all. Thanks!