


A horizontal row of eleven orange squares is positioned at the top of the slide.

Infrastructure Committee (IC)

Markus Bradke (GFZ)

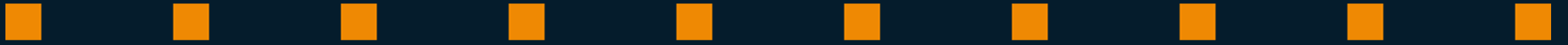
IC Coordinator

Update 2021

An abstract graphic on the right side of the slide, consisting of several overlapping, curved blue lines that form a complex, organic shape.

Working Group Charter

- Forum of professionals:
 - Network/station operators
 - Data Centre/GNSS-IT professionals
 - Ex-officio members (chairs and coordinators from other IGS Working Groups)
- Develop policies, standards, guidelines and recommendations
- Maintain and improve the GNSS data and information systems upon which IGS product quality and responsiveness rely
- Ensure the overall effectiveness of the Service



01

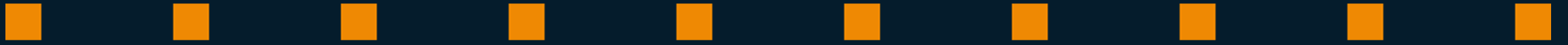
PROGRESS IN 2021

IC Accomplishments

- **Communication and Outreach**
 - Held 4 IC meetings over the year
 - Coordination of „Tour de l’IGS: Infrastructure“ in cooperation with CB
- **Network**
 - Better coordination between other networks for new station proposals (task team)
 - Created approval forms for better traceability of decisions
 - Coordination to provide coordinate solutions for all IGS stations in the IGS Final
 - “Clean-up”: Outreach to long-term absent stations

IC Accomplishments

- **GeodesyML**
 - Started implementation(s) of GeodesyML @IGSCB and @GFZ
 - Established task team to implement new features in the current standard
 - <https://github.com/GeoscienceAustralia/GeodesyML>
- **Guidelines**
 - „IGS CORS“ (in review)
 - “IGS Real-Time Stations and Data Centres” (published under IGS ExComm approval, in collaboration with the IGS RTWG)

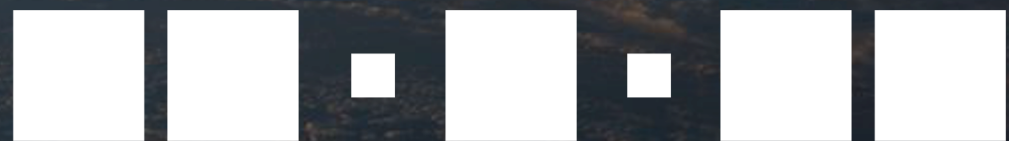


02

IGS OF THE FUTURE

Future Work

- **Services & Guidelines**
 - Getting GeodesyML/SLM 2.0 ready to launch
 - Develop service-based applications (QC, Metadata)
 - Coordinate publication of Guidelines and easy access to those
- **Network and Data**
 - Support fast transition to RINEX 4.00 through all IGS instances and beyond
 - Increase number of Multi-GNSS and Real-Time stations by active outreach
 - Provide support to station operators in the less represented regions to build capacity and capability
 - Provide better quality monitoring of stations



IGS

INTERNATIONAL
GNSS SERVICE

Thank You!

Contact:

Markus Bradke

markus.bradke@gfz-potsdam.de