



IDS REPORT 2020

IERS Directing Board Meeting

Video conference

May 13, 2020

DORIS

IDS IERS members:

Hugues Capdeville (CLS)

Petr Štěpánek (GOP)

Jérôme Saunier (IGN)

Guilhem Moreaux (CLS)

Pascale Ferrage (CNES)


Current DORIS Network

- 47 co-located sites out of 58 DORIS stations
- Rate of operating stations over the past year > 80%
- Currently out of order: Betio, Crozet, Futuna, Kerguelen, Mahé, Mount Stromlo, Rothera, San Juan, Tristan Da Cunha

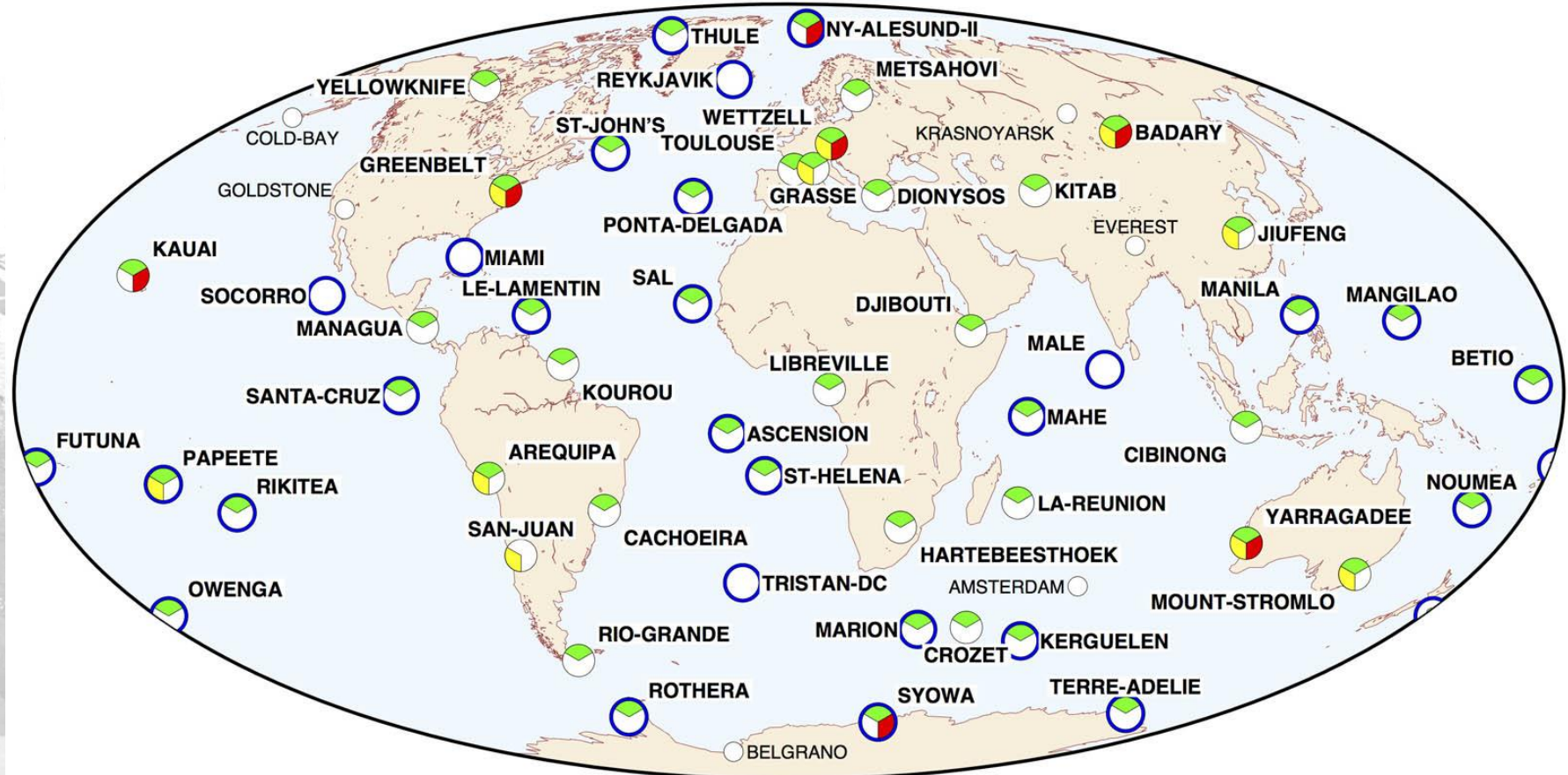
 GNSS (IGS)

 SLR

 VLBI

 Tide gauge

 No active co-location



Network Evolution



La Réunion, Feb. 2020

- **RECENT Network EVENTS**

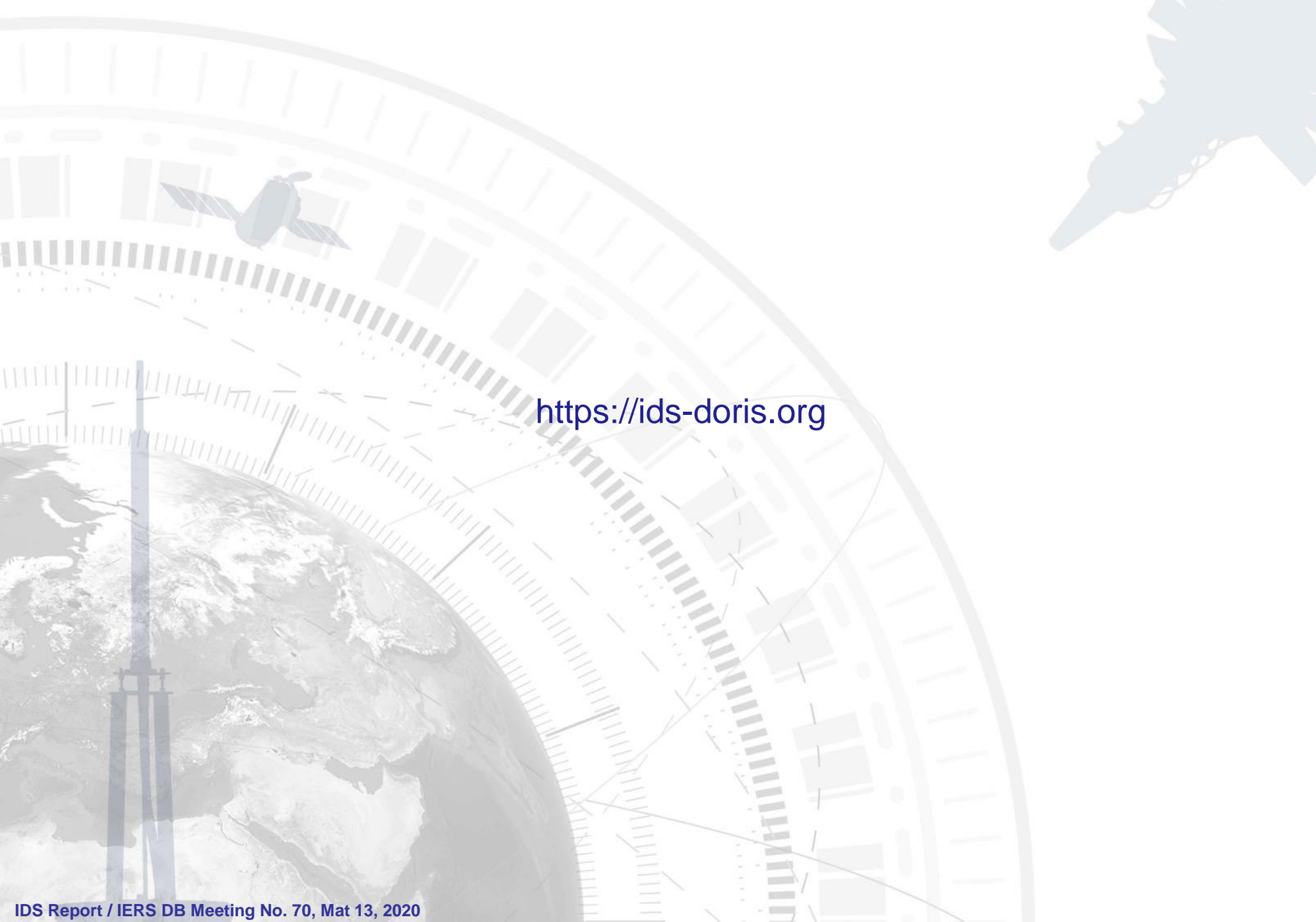
- Feb. 2020: antenna relocating and 4th generation beacon installation at **La Réunion**, Indian Ocean, France.
- Mar. 2020: 4th generation beacon installation at **Miami**, FL, USA.

- **SHORT TERM (2020)**

- Crozet, Mahé, Metsahovi, Mount-Stromlo, San Juan: 4th generation beacon installation.
- Male, Maldives: antenna relocating and 4th generation beacon installation.
- Reykjavik, Iceland: relocating at Höfn (co-location with IGS station “HOFN”).
- Easter Island, Chile: relocating (hosting migration).

- **LONGER TERM**

- Dionysos, Greece: relocating before site closure.
- Katherine, AS: new station installation in place of Port-Moresby (3 techniques site).
- Changchun, CN: new station installation in place of Yuzhno-Sakhalinsk – TBC.
- Papenoo, Tahiti, FR: new 4 techniques site (TBC).



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