Keynote lecture

7th JMA WIS Workshop

28-30 November 2023 in Tokyo

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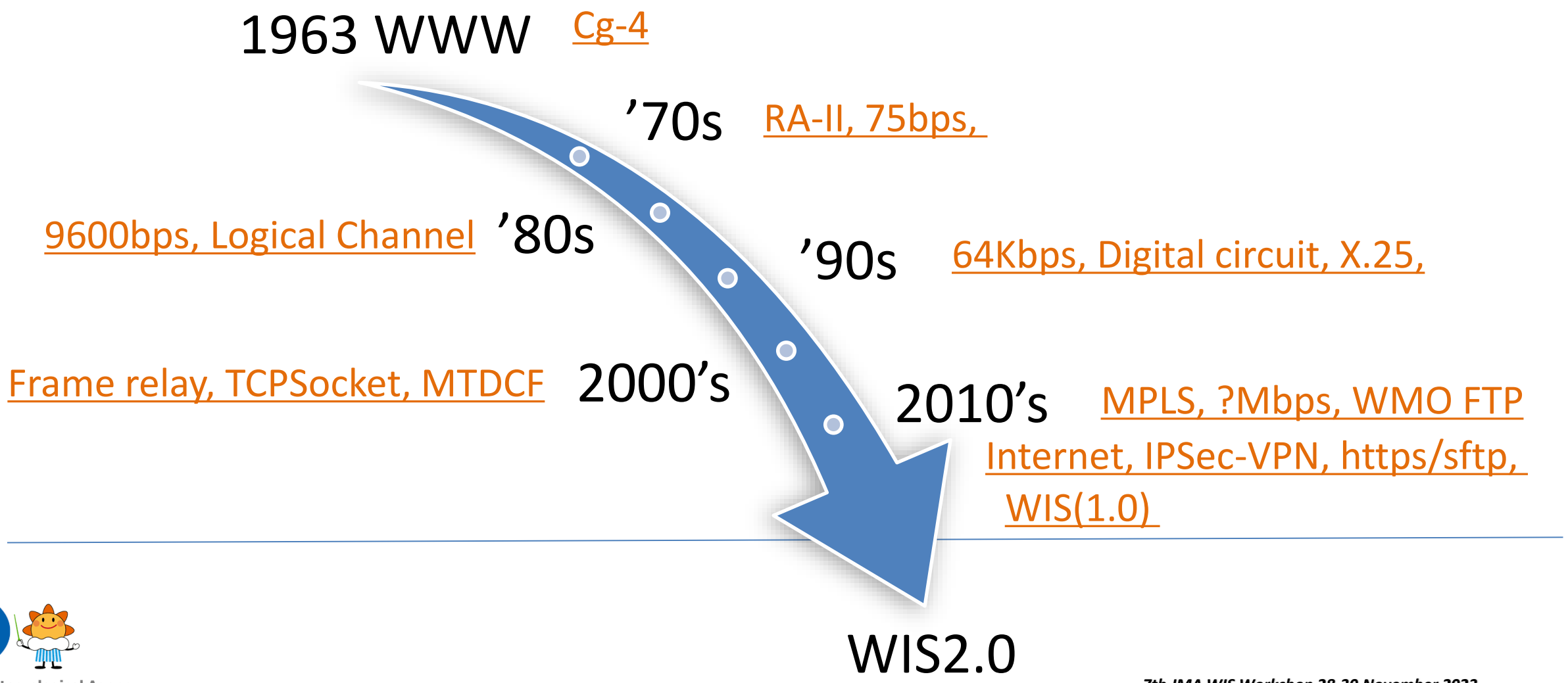
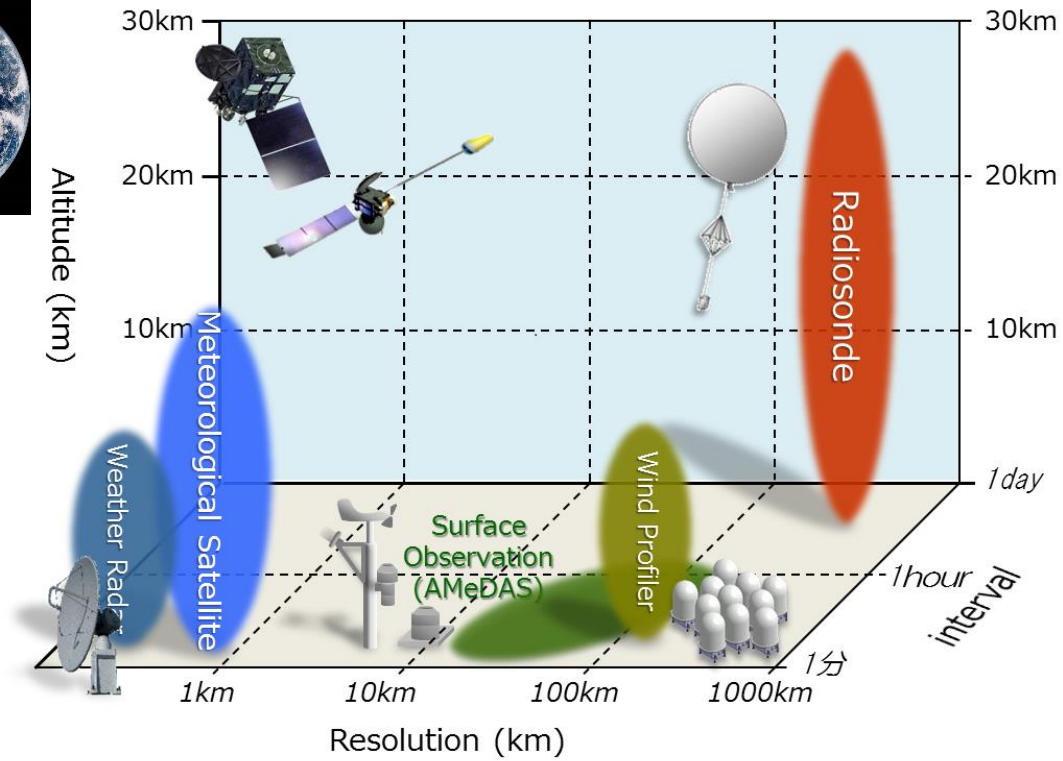
Global Telecommunication System



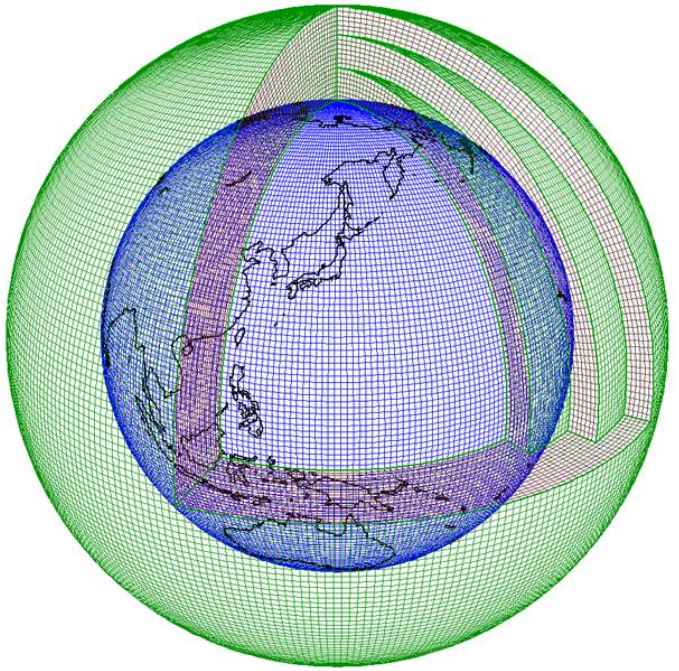
Why WIS?

- Emerging data issues
  - High density, High frequency, High resolution

Observations



Model Products



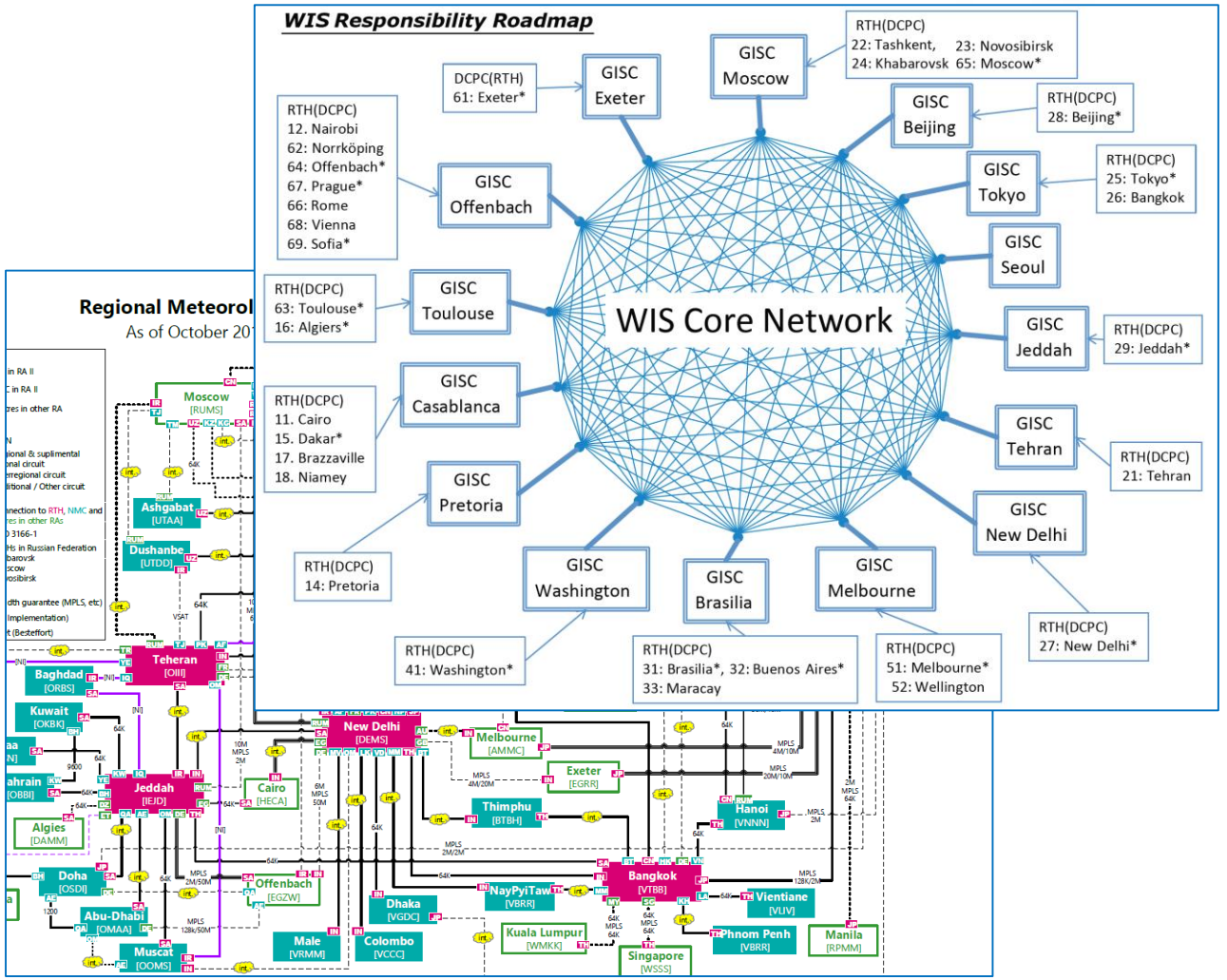
- Initials
- Grid
- Forecast range
- etc.

Features of GTS (1/2)

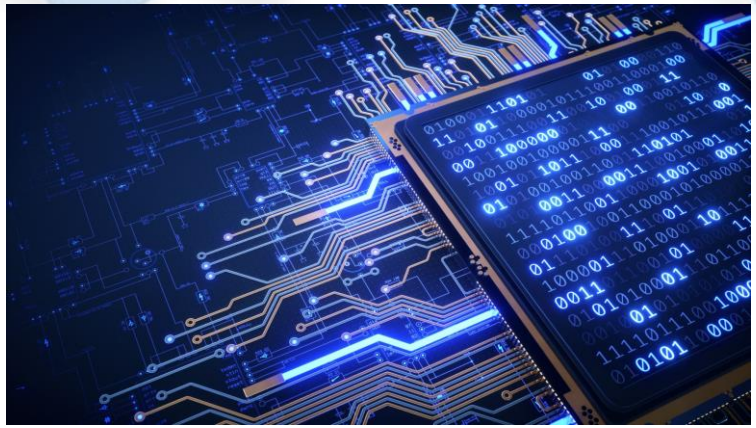
- GTS Heading (TTAAii)
  - SMJP01 RJTD
  - HHKF02 RJTD
  - IXCS05 RJTD ……
- Allocation for new data (e.g. Satellite, Model products)
  - Has begun to be rapidly depleted

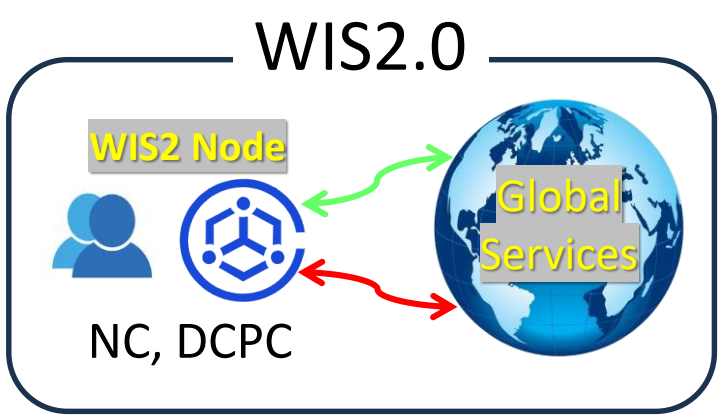
Features of the GTS (2/2)

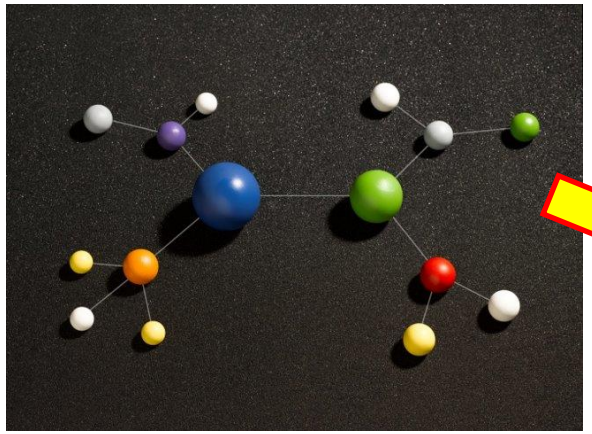
- Circuit
  - Stable, Bandwidth/Cost
- Operation
  - WMO special protocols
  - Arrangements
    - Establishment
    - Data routing
  - Store/forward steps

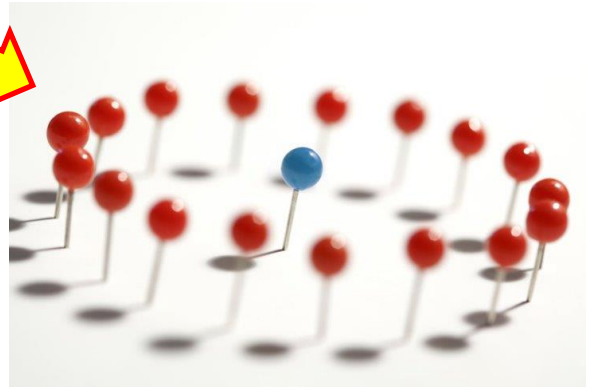


How WMO Information System 2.0?









JMA WIS Workshop 2023

- Aim on this Workshop
  - to share status of WIS2.0 preparation and challenges to be addressed
    - Country report
    - Lecture-1: Architecture and Global services
    - Lecture-2: WMO decisions and latest updates
  - to understand WIS2.0 pub/sub messaging through training sessions
    - Training-1: subscription
    - Training-2: publication

JMA WIS Workshop

Japan Meteorological Agency

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Thank you for your attention

WIS 2.0 implementation Timeline