# **WIS2 Gateways**





# **Overview**

Transition infrastructure

GTStoWIS2 gateway





As explained in the WIS2 strategy, the goal is to **replace** the GTS by WIS2

- Replacing here means:
  - Message Switching replaced by MQTT
  - GTS Headers (TTAAii) replaced by WIS Topic Hierarchy
  - WMCP 1.3 replaced by WMCP 2
  - Statically managed routing tables replaced by Subscriptions
  - Store-and-forward of files/bulletins (push) replaced by direct downloads (pull)

WIS2 transition strategy endorsed by Congress 2023

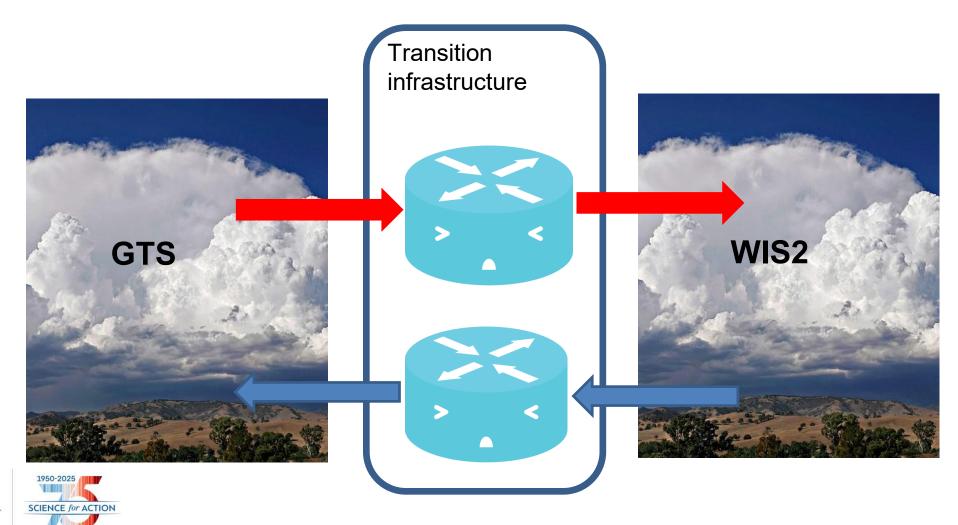




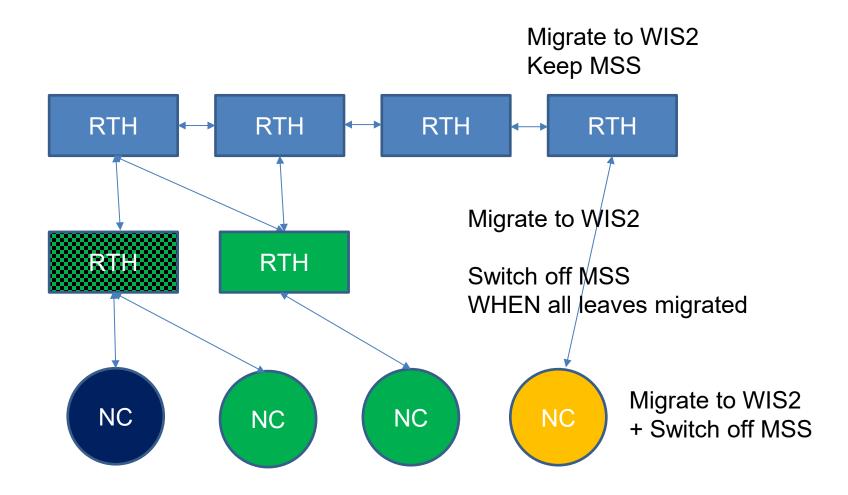
- 1. Each Center will be able to make the migration during the agreed period (2024-2030) independently
- 2. After migration, the Center will decide when and if they want to stop their MSS
- 3. No « GTS » data loss during the migration
  - Data sent on the GTS can be received on WIS2
  - Data, **previously** sent on the GTS, sent on WIS2 can be received on the GTS
- 4. New data (eg. GBON) will be exchanged **solely** on WIS2
- 5. Data exchange with local systems is a task for NCs
  - Must be able to handle data that are not bulletins and don't have a TTAAii header





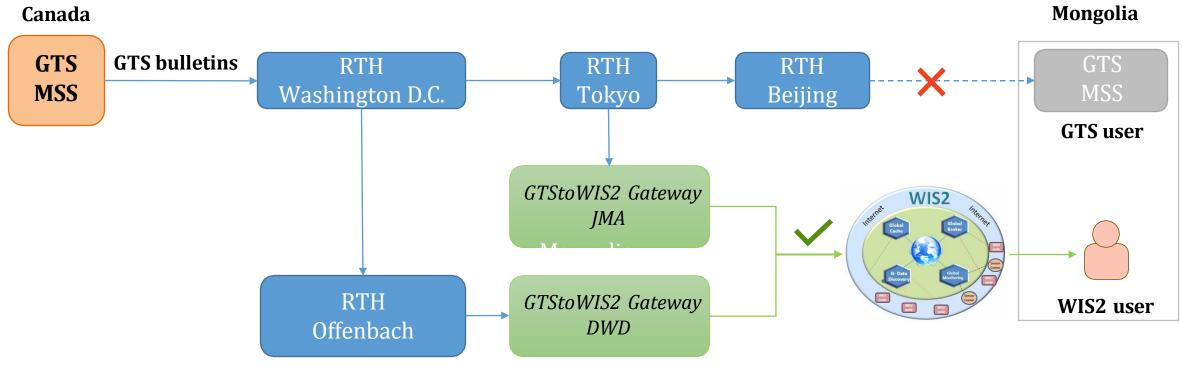










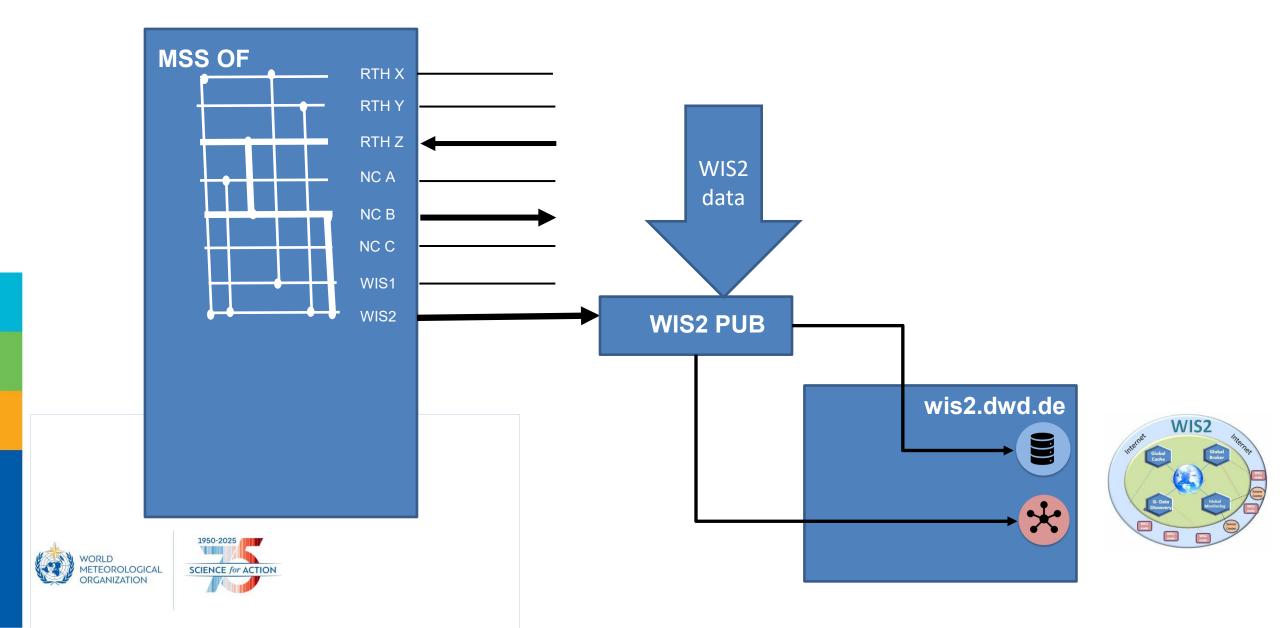


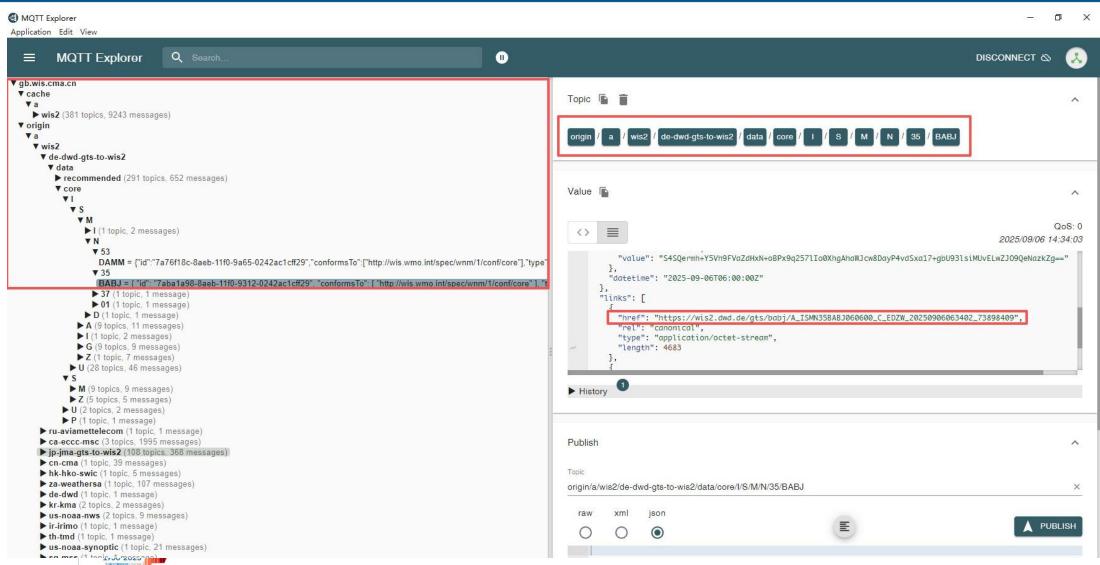
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The purpose of the GTStoWIS2 gateway is to enable members to receive GTS data on WIS2



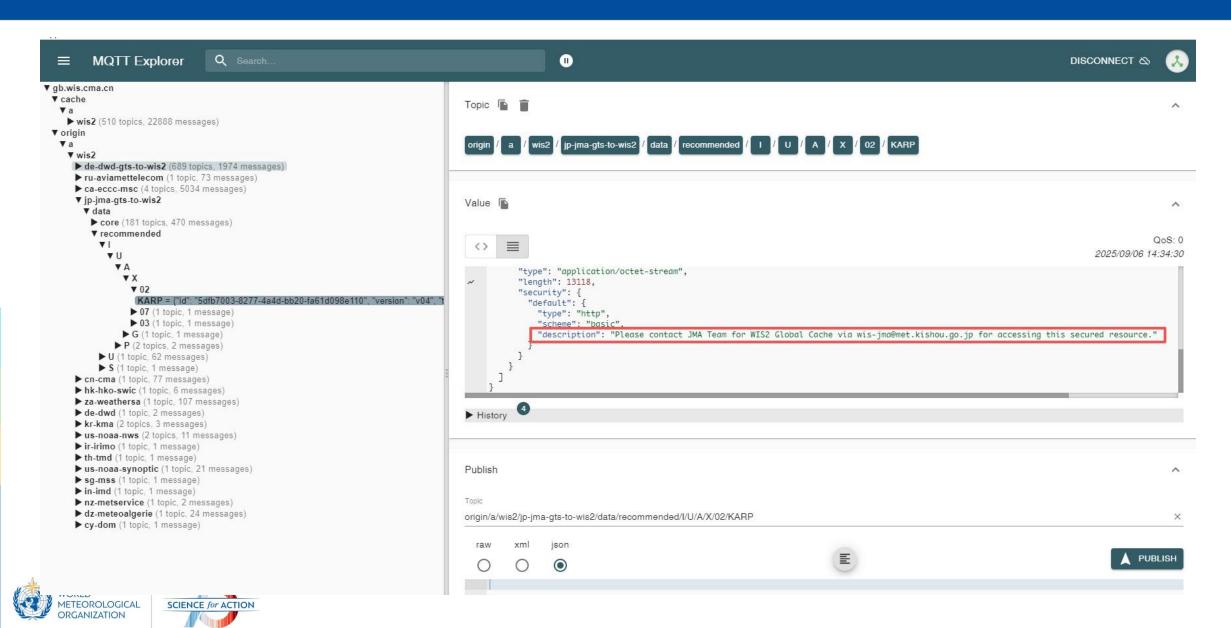


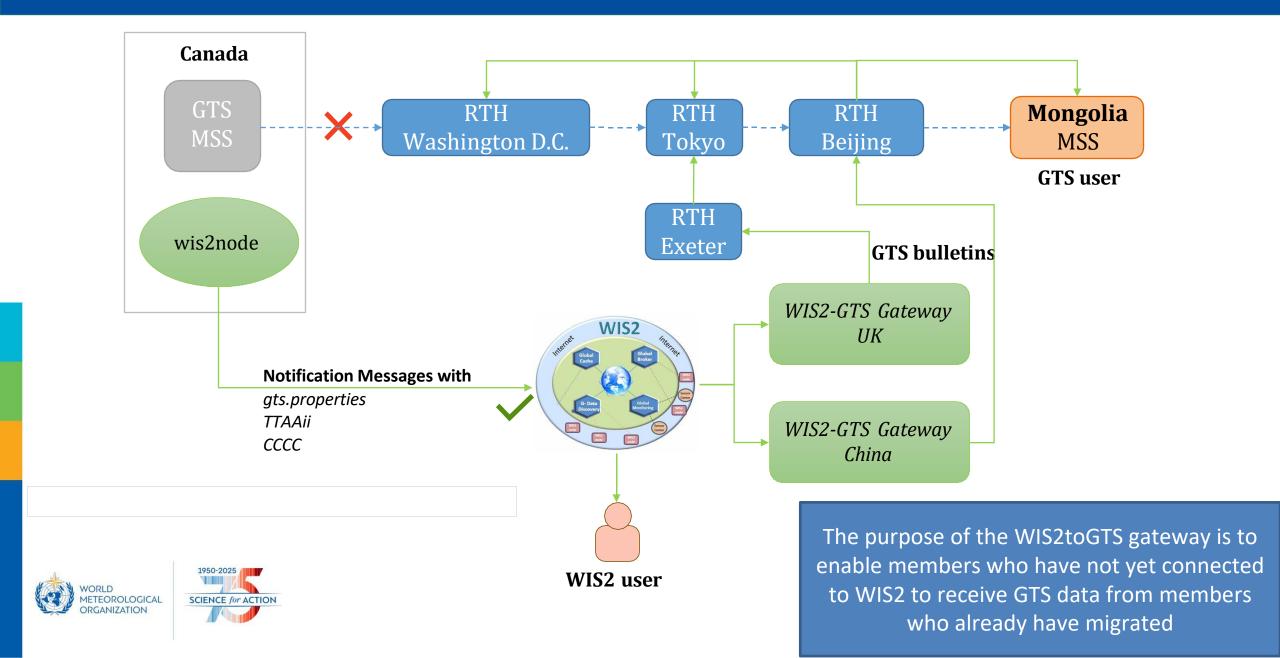


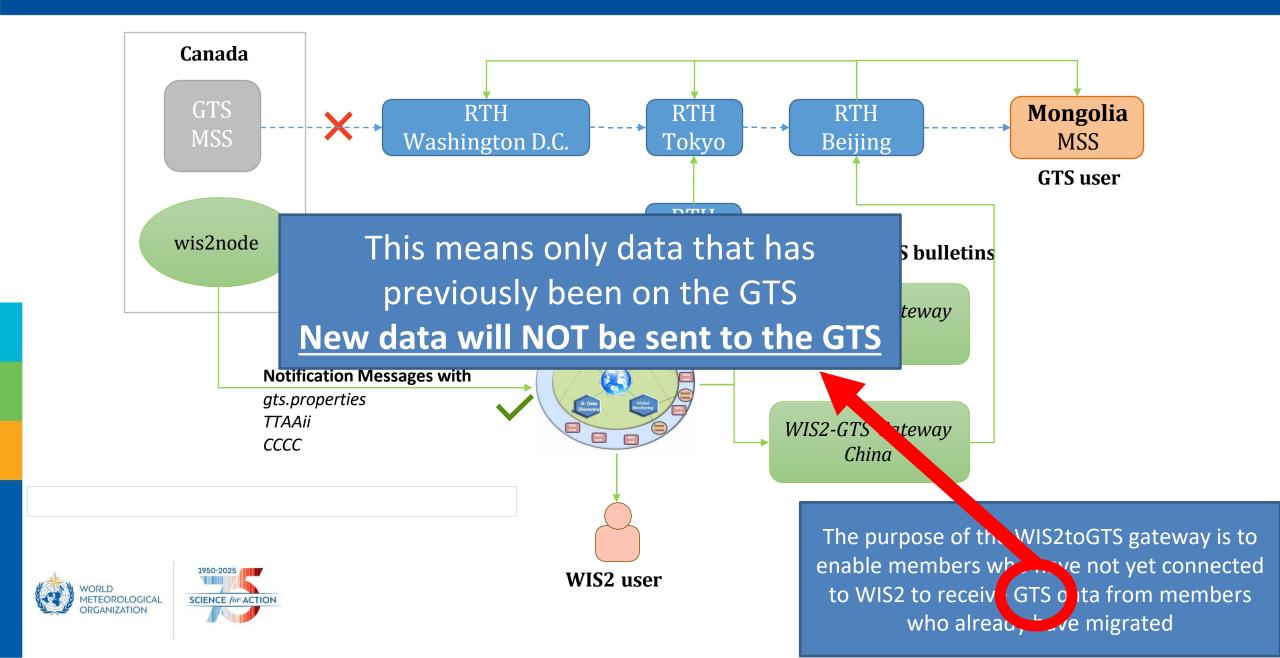


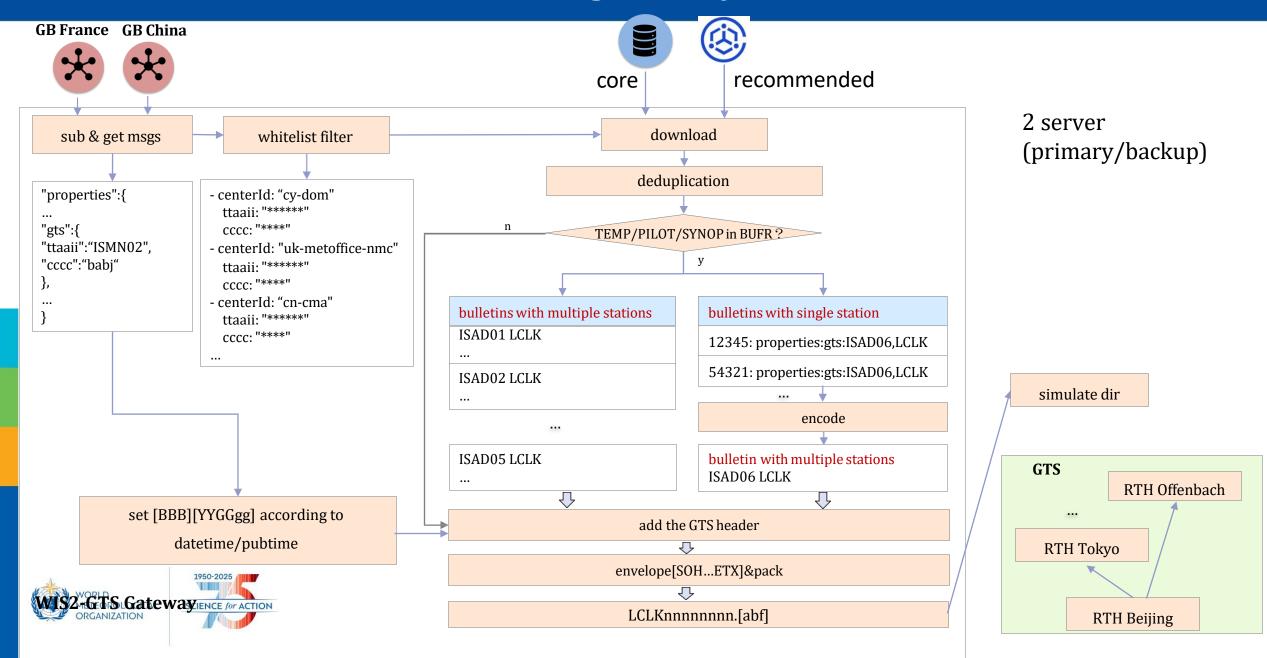


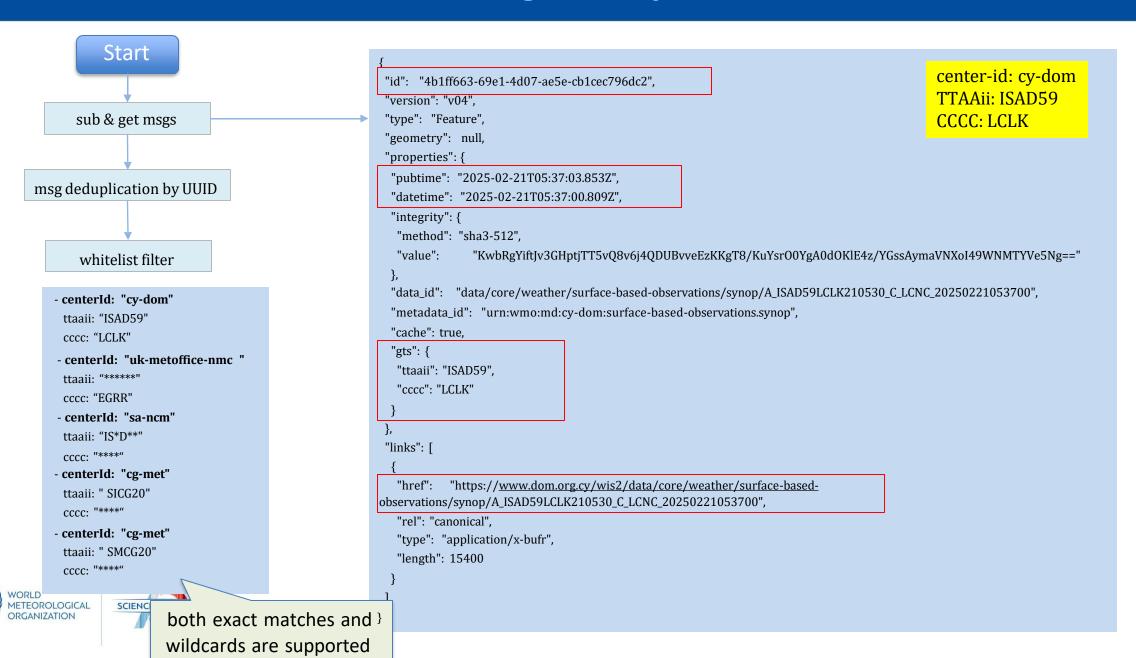


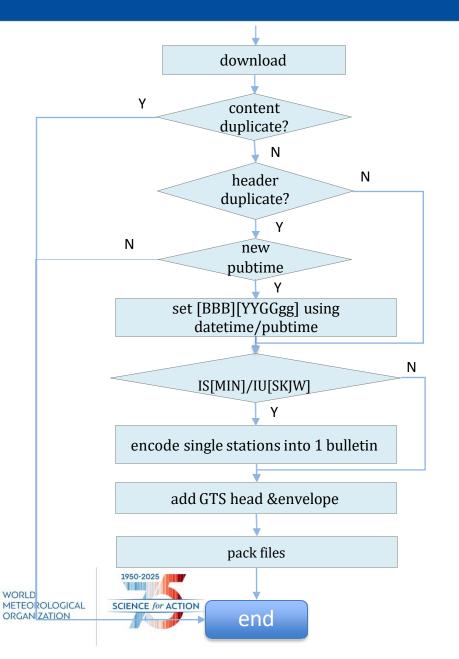


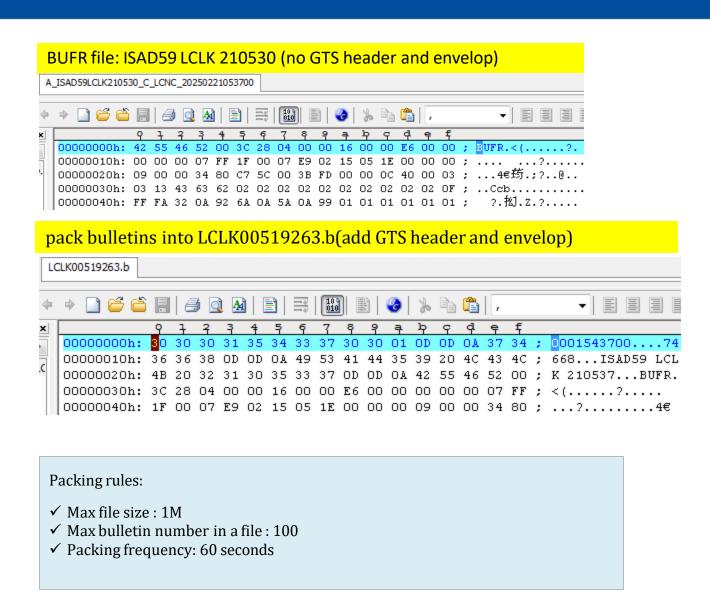












# Thank you Merci Gracias Спасибо



**WMO OMM** 

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