

# Proposed way forward for LEO Direct Broadcast and coordination of LEO orbits Best Practices

Presented to CGMS-53 WG-I session, agenda item 2.5

## Executive summary of the WP

This presentation provides the response to Action WGI/A51.09.

Due to the lack of maturity and experience in the implementation of low latency global data access technologies for DB (regional) services, the proposal to merge the LEO (Global) and DB (regional) best practices into a single “Low Latency Best Practices” is considered premature.

It is therefore recommended to close this action with this response and open a new action to report on the status of the global data low latency acquisition best practices at the CGMS-54.

## Proposed way forward for Action WGI/A51.09

TG	AGN item	Action #	Description	Actionee
LLDA	5.5	WGI/A51.09	Merge the LEO (Global) and DB (regional) best practices into a single “Low Latency Best Practices” document proposed to be structured as follow: <ul style="list-style-type: none"><li>•Common BPs for both regional and global missions</li><li>•BPs specific for DB</li><li>•BPs specific for global mission</li></ul> Present the merged BPs for endorsement to CGMS-53.	Andrew Monham

Through discussion in the Task Group, it was realised that the maturity of the LEO (Global) Best Practices is insufficient to provide an effective merged document as had been foreseen.

As more experience is gained by CGMS members in using new technologies identified in the LLDA SWOT, leading to improvements in global data acquisition latency, the BPs for low latency data acquisition will be reassessed and it can then be decided to whether to merge with the Direct Broadcast BPs.

It is therefore recommended to close this action with this response and open a new action to report on the status of the global data low latency acquisition best practices at the CGMS-54.

## Key issues of relevance to CGMS:

- Reference to HLPP 2.3.3

## To be considered by CGMS:

- For endorsement: Closure of action WGI/A51.09 based on the response in this presentation.
- New action: To report on the status of the global data low latency acquisition best practices at the CGMS-54.