Recommendation for Committee Decision

Prepared by: Working Group S	
Date of Submission: 19 October 2023	
Issue Title: Recommended Survey into GNSS Time Offset for Receiver Manufactures	rs
Background/Brief Description of the Issue:	
Multi-GNSS Users' demand for high accuracy positioning, navigation, and timing service based on multi-GNSS fusion is raising more requirements for receiver manufacturers. Subject to the requirements, multi-GNSS receiver manufacturers should consider realization interoperability between GNSS system time scales based on high accuracy GNSS-to-GN time offsets, and then support PNT fusion among systems. A more direct dialogue with multi-GNSS receiver manufacturers is needed with the view to determine receiver GNSS-to-GN time offset estimation in different visibility conditions and the required accuracy of broadce time offset parameters.	ecting SS Iti-
Discussion/Analyses:	
To implement a dialogue with multi-GNSS receiver manufacturers it's necessary to conduct survey on time offset accuracy requirements for multi-GNSS receivers. However, it seed difficult to engage a lot of manufacturers globally to attend a workshop on timinateroperability in-person because of complicated logistics and schedule as well as enormous cost. Therefore, it's suggested that GNSS providers carry out a survey domestically in a lar scale and submit a report or summary to the ICG based on survey results, to push forward to improvement of GNSS time interoperability.	ms ing ous
Recommendation of Committee Action:	
1. GNSS providers are encouraged to reach out to domestic receiver manufacturers (industate get feedback on multi-GNSS time interoperability requirements through a common list questions and criteria developed by the WG.	
2. Timing experts from Working Group S, in coordination with Working Groups B and should organize a meeting or workshop to discuss the results of the receiver manufacture feedback.	
Members Consensus Reachedx; No Consensus Reached	
Chairperson Signature: Date:	