Abstract: The main objective of BLUEGNSS project is the harmonization of PBN approach operations among the BLUE-MED FAB States. This is the first time in Europe that a RNP approach implementation project has been coordinated at FAB level. According to the ICAO recommendations, a key enabler to reach this purpose is the development of a regional GNSS monitoring network able to produce periodic reports on GNSS performance within the area of interest.

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ICAO GNSS Manual §7.8.1.1 – Annex 10, Volume I, 2.1.4.2 recommends that a State that approves GNSS-based operations should monitor and record relevant GNSS data to support accident and incident investigations. This data can also be used periodically to verify GNSS performance. It should be noted that this verification of GNSS performance is not intended to support a real-time notification process.

BLUEGNSS network topology