Overview of the SAR/Galileo Return Link Service within the Cospas-Sarsat System Architecture
RSLP connection to GALILEO and Cospas-Sarsat System date to move to the right due further C/S discussion and approval to declare RLS availability within C/S system.
JC-32 Final Report, Section 3.1.5: The Joint Committee noted from document JC-32/3/20 the recommendations that it:

- Note that new RL Services are being considered by the EC and that these services need to be further developed by interested stakeholders;

- Recommend the establishment of a new RLS CWG for participants to:
  - be informed of the new services specified in the EUROCAE MASPS for ELTs,
  - be involved in the definition of the potential new RL services and the procedures to implement them,

- Contribute to the evaluation of the benefits and impacts of new RL Services on the Cospas-Sarsat System, SAR resources and users,

- Contribute to the development of the required changes in the Cospas-Sarsat System documentation to support the deployment of these new services.
• U.S.A. proposed that Council make the final decision on whether to accept EC’s or propose their own RLS standards that RLSP will have to meet
• Agreed on need to prepare specifications, standards for QMS for front-end of RLS Type-1, under purview of C/S
• Agreed that an action item should be raised inviting EC and others to work by correspondence intersessionally to resolve conflicts by CSC-61 (Jan/Feb 2019)
Backup
• SAR/Galileo will provide a return link service to the beacon through a dedicated facility called the RSLP
• A decision has not been made on the GLONASS or DASS systems on providing RLS
• The Return Link Service can be provided to compatible beacons irrespective of the satellite system (LEO, GEO or MEO) which provided the forward link 406 MHz alert
• 406 MHz beacons with SAR/Galileo RLS capabilities will meet T.001 specifications regarding link message transmission
• Amendments to C/S beacon documents, C/S T.001, C/S T.007, and C/S G.005 are required for development and type approval of 406 MHz beacons with SAR/Galileo RLS capability
• Action performed by beacon still to be decided between two options for RLM:
  – Without acknowledgement of reception by beacon
  – With acknowledgement of reception by beacon