LT-3100S GMDSS System - LRIT Troubleshooting

The customer must provide the following information to the LRIT ASP when signing up for LRIT:

- MSISDN of the terminal
- IMO number of the vessel - if vessel has no IMO number, this must be explicit stated

The LT-3100S terminal must be running the following version (or newer):
LT-3100S v1.06R-0009

Troubleshooting:
If the LRIT ASP is unable to communicate with the terminal (e.g., their initial attempt to "activate" the terminal), perform the following checks in this order:

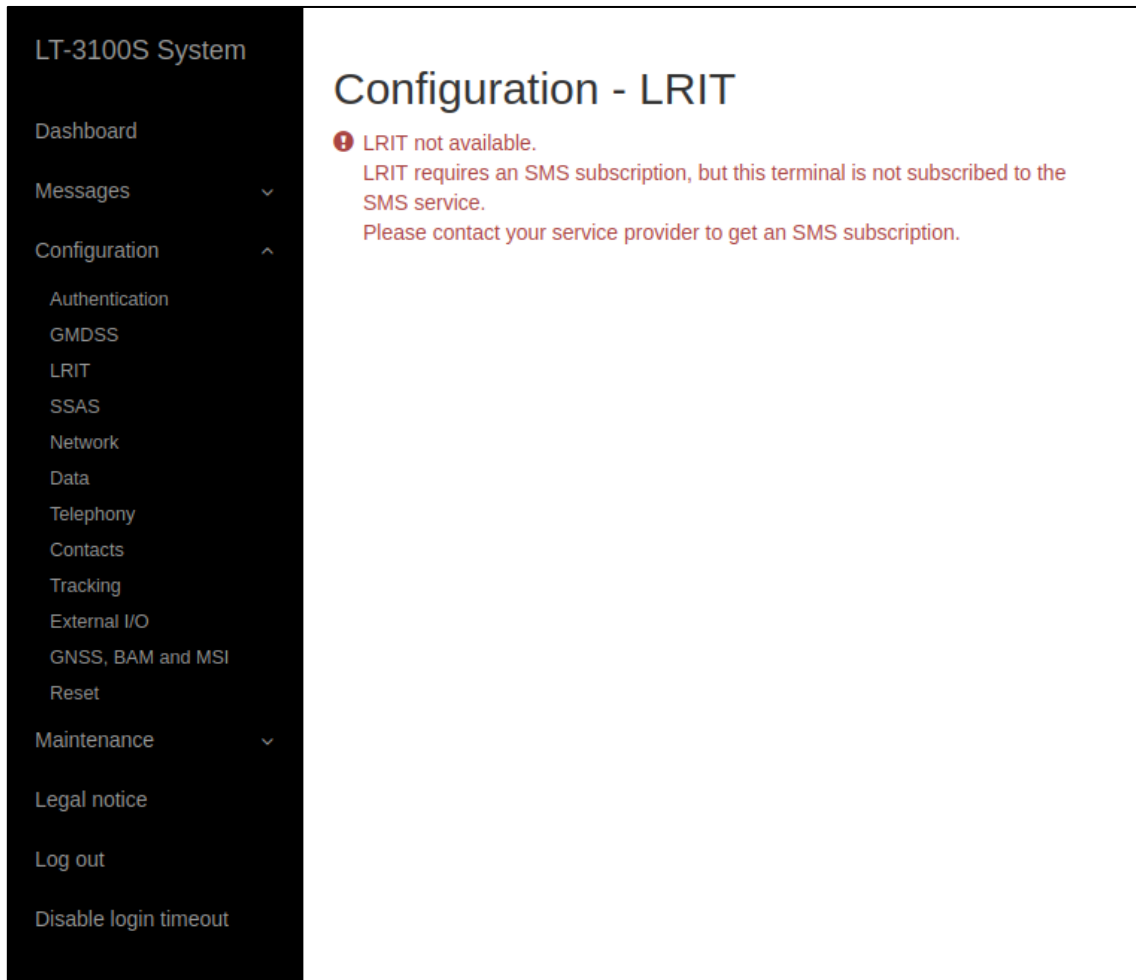1. Verify the terminal has software version LT-3100S v1.06R-0009 (or newer) installed.

   If the version is wrong, download and install the newest version from thrane.eu.

2. Verify the customer has the Iridium SMS service in the subscription (MENU -> System -> Subscription):
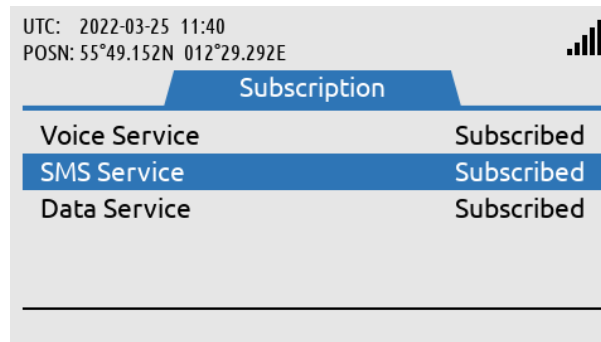
   If the P4 subscription is missing, the operator will be notified both in the GUI (MENU -> System -> LRIT Status) and in the built-in web server (Configuration -> LRIT):
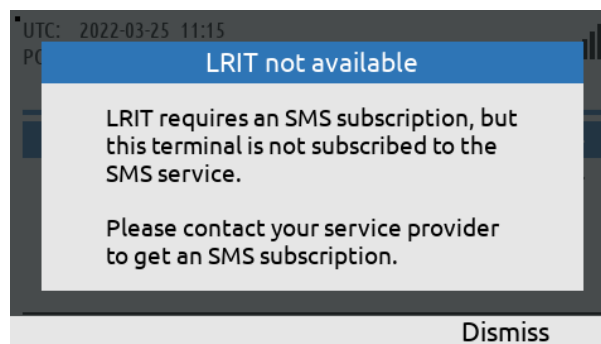
LT-3100S System

Dashboard

Messages ⌄

Configuration ⌃

Authentication
GMDSS
LRIT
SSAS
Network
Data
Telephony
Contacts
Tracking
External I/O
GNSS, BAM and MSI
Reset

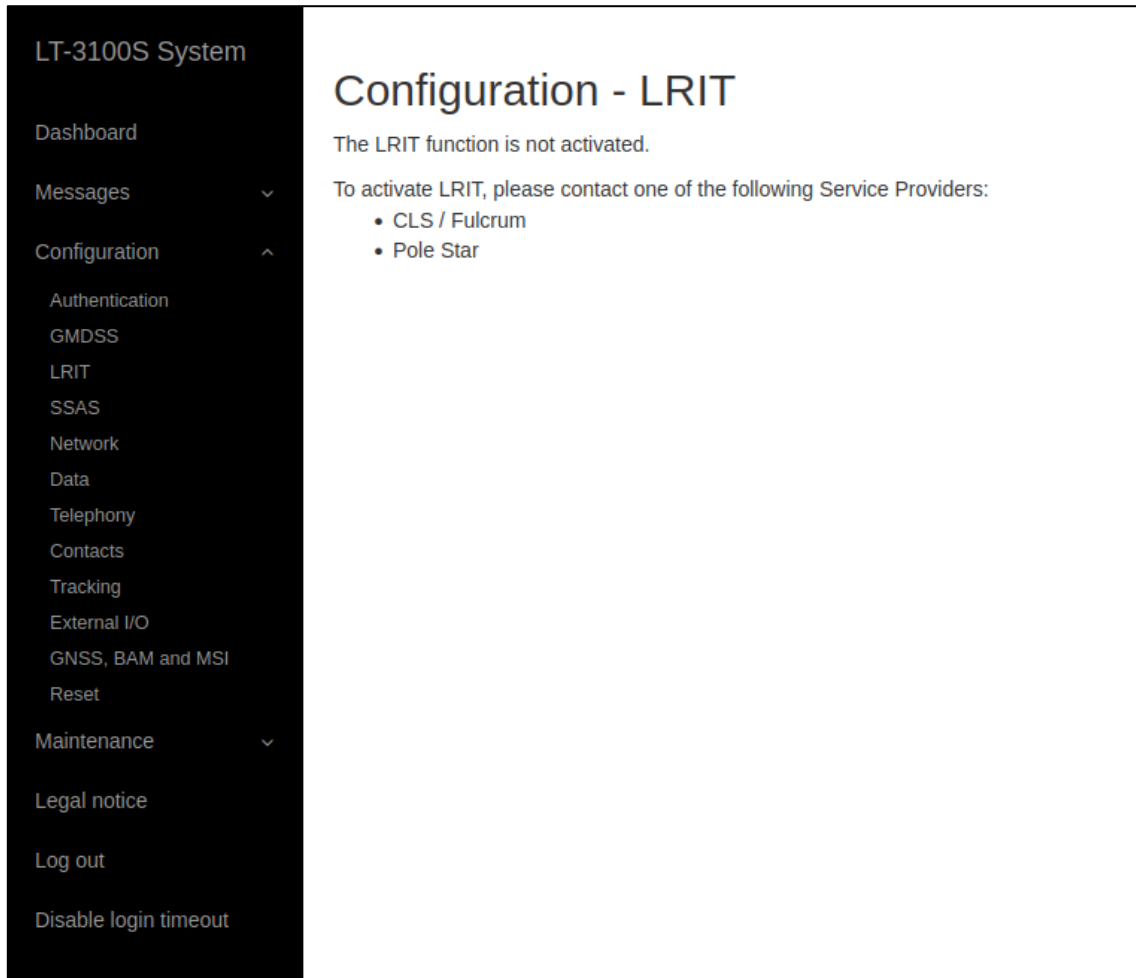Maintenance ⌄

Legal notice

Log out

Disable login timeout

Configuration - LRIT

🛈 LRIT not available.
LRIT requires an SMS subscription, but this terminal is not subscribed to the SMS service.
Please contact your service provider to get an SMS subscription.

If the SMS subscription is missing, contact the GMDSS Service Provider to sign up for the service.

3. Verify the terminal has received the list of LRIT ASPs from the Iridium GMDSS gateway. This is verified through the built-in web server (Configuration -> LRIT). If the LRIT ASP list is present, the following will be shown:

LT-3100S System

Dashboard

Messages ⌄

Configuration ⌃

  Authentication
  GMDSS
  LRIT
  SSAS
  Network
  Data
  Telephony
  Contacts
  Tracking
  External I/O
  GNSS, BAM and MSI
  Reset

Maintenance ⌄

Legal notice

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Disable login timeout

Configuration - LRIT

The LRIT function is not activated.

To activate LRIT, please contact one of the following Service Providers:
- CLS / Fulcrum
- Pole Star

If the specific LRIT ASP is missing from the list, contact Iridium.

If the list is missing, it looks like this:

Configuration - LRIT

The LRIT function is not activated.
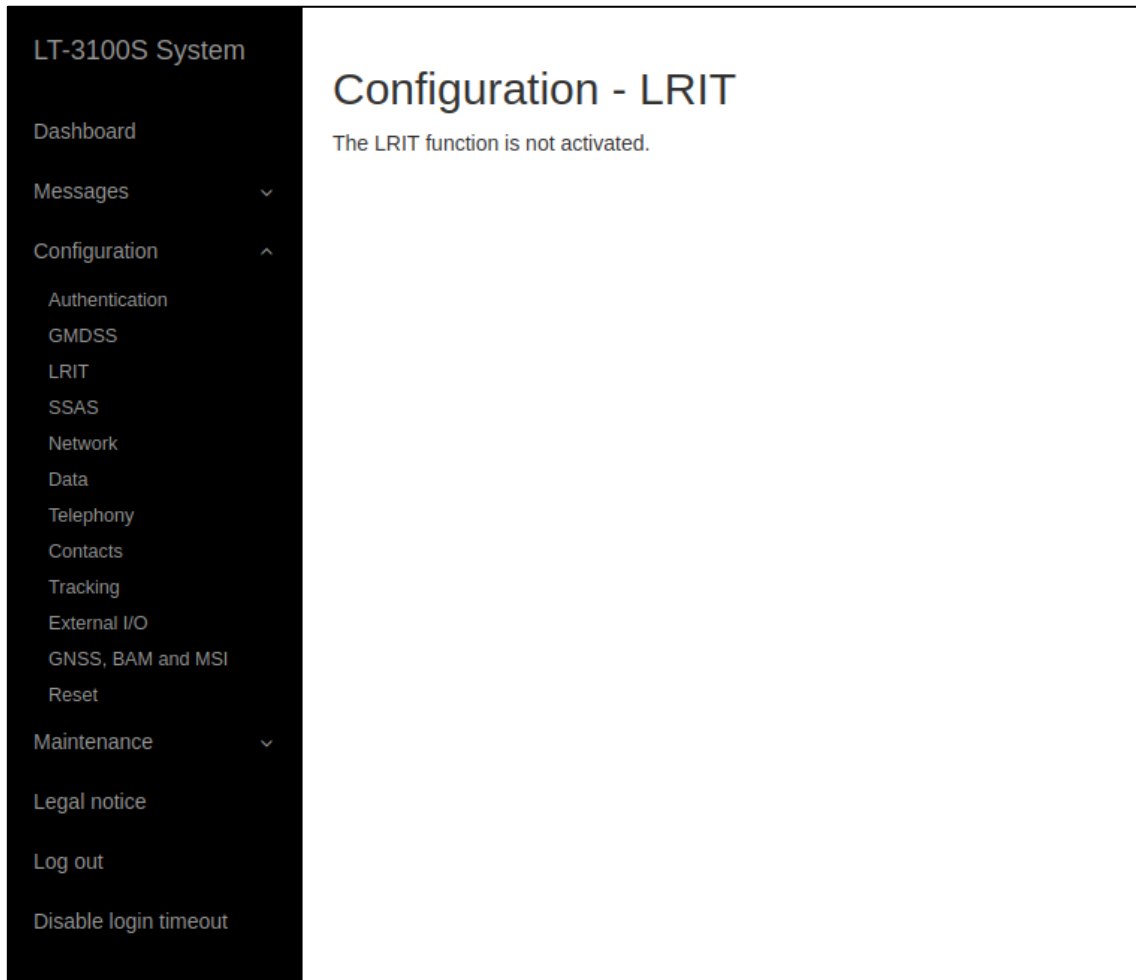
If the list of LRIT APSs is missing, contact Iridium support and inform them "the GMDSS configuration is missing the LRIT ASP list".