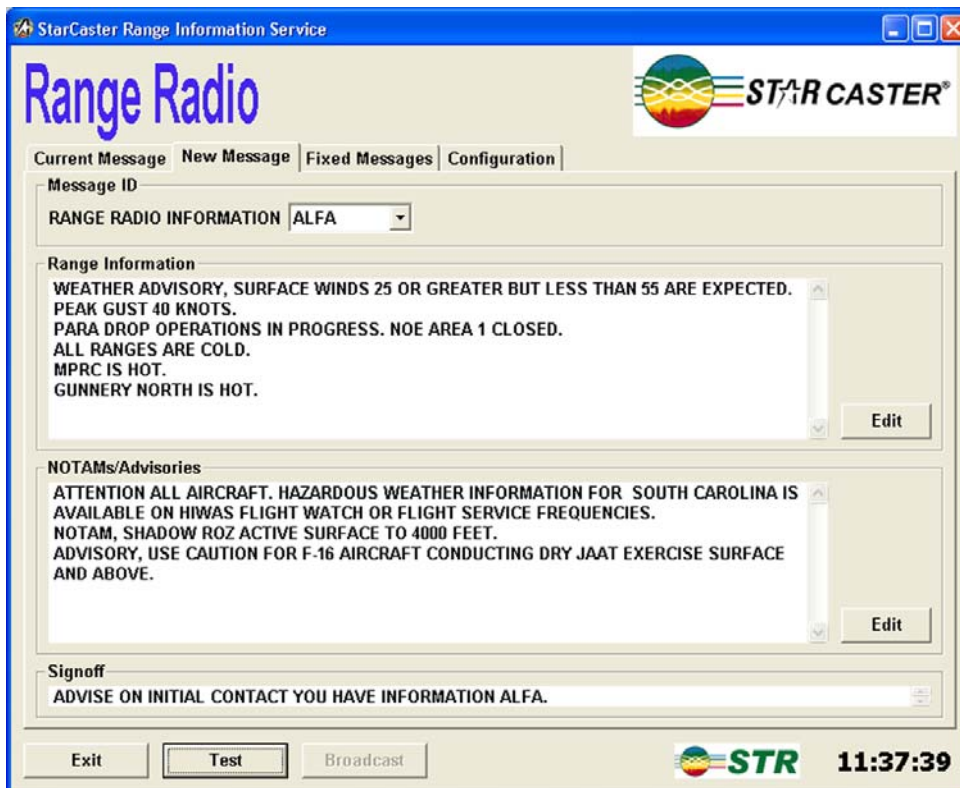


StarCaster® RIS System (Range Information Service)



Key Features

- Highest quality Text-to-Speech capability available
- Automatic decoding of data from text to voice
- Playback, confirm and edit data prior to broadcasting, with vocabulary search of standard information
- Changeable speech rate
- 24x7 operation
- PTT (Push-to-talk) Control
- Complies with ICAO recommendations
- Flexible design

Optional Features:

- Multiple audio output (for monitoring and routing to more than one transmitter)
- Dual Hot-Standby operation
- Remote operator positions
- Uninterrupted Power Supply
- Manual interruption and input at any time
- Rack mounted workstation
- Remote alarm
- Printer
- Web-based interface
- User interface in any language

StarCaster® RIS is the latest ATC automation solution from STR-SpeechTech Ltd. Designed for military ATC to automatically create, monitor, and broadcast Range Information Service messages, this PC-based, **fully automated system is effortless to use** and makes more efficient use of valuable labor resources.

The StarCaster RIS eliminates human transcription errors while **enhancing flight safety and reducing flight crew workload**. Manual voice recordings are obsolete. Each tower installation can be customized for local operations, accents and phraseology. Information can be changed as quickly as conditions change.

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StarCaster RIS uses the award winning StarCaster Tex-to-Speech (TTS) technology, a process that has become the TTS industry benchmark for superior quality voice output. StarCaster RIS employs StarCaster technology to provide the **ultimate clear, natural voice**, essential for critical message broadcasting.



The StarCaster RIS converts data into English text and finally into a high quality natural voice ready for broadcast.

The operator is able to verify the final message for accuracy before broadcast. The operator can also perform a vocabulary search if missing words or errors are found.

Technical and broadcast log files are created automatically, allowing the user to save, review and/or print records of the program's operation. A number of standard fixed audio messages are included in the software (as well as site-specific phrases that can

be configured for each customer), such as "Standby for new Range message" and "Due to rapidly changing conditions, contact Range Radio for the latest information".

The Graphical User Interface (GUI) offers an easy-to-use tabbing design for navigation through the software. A large work area with drop-down lists, selectable buttons and editable text boxes make it effortless to create a new Range Information message. The GUI includes access to log files, viewing of current broadcast text running technical and diagnostics tests, changing the speech rate, and password control in English.

The real benefits of the cost-effective StarCaster RIS system are dramatic increases in organizational efficiency and greater reliability in range information services performed.