



## ***Zeligsoft CE README***

**FM3TR Waveform Reference Implementation**

**SDR Forum Contract**

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## **1 Introduction**

The XML for the FM3TR audio and data waveforms are generated using Zeligsoft CE. The XML files can be modified using any text editor. However, if you choose to use Zeligsoft CE to see the waveform models and modify the XML files, you can follow the steps in this document to do so.

## **2 Setup**

The zmdl file provided as a part of the FM3TR waveform deliverables uses Zeligsoft CE version 2.4.3. You can read the Release Notes that come with Zeligsoft CE to view the necessary changes to the configuration files. Alternatively, you can replace your own Defaults.xml file with the one provided in this folder.

You will also need to set SCA\_0064 in ValConfig.xml (in Zeligsoft directory) to “false”.

## **3 Waveform Models**

The zmdl file contains two waveforms: FM3TR audio mode and FM3TR data mode. The assembly model of each waveform can be seen by clicking on the application. Please note that some components are used by both waveforms.