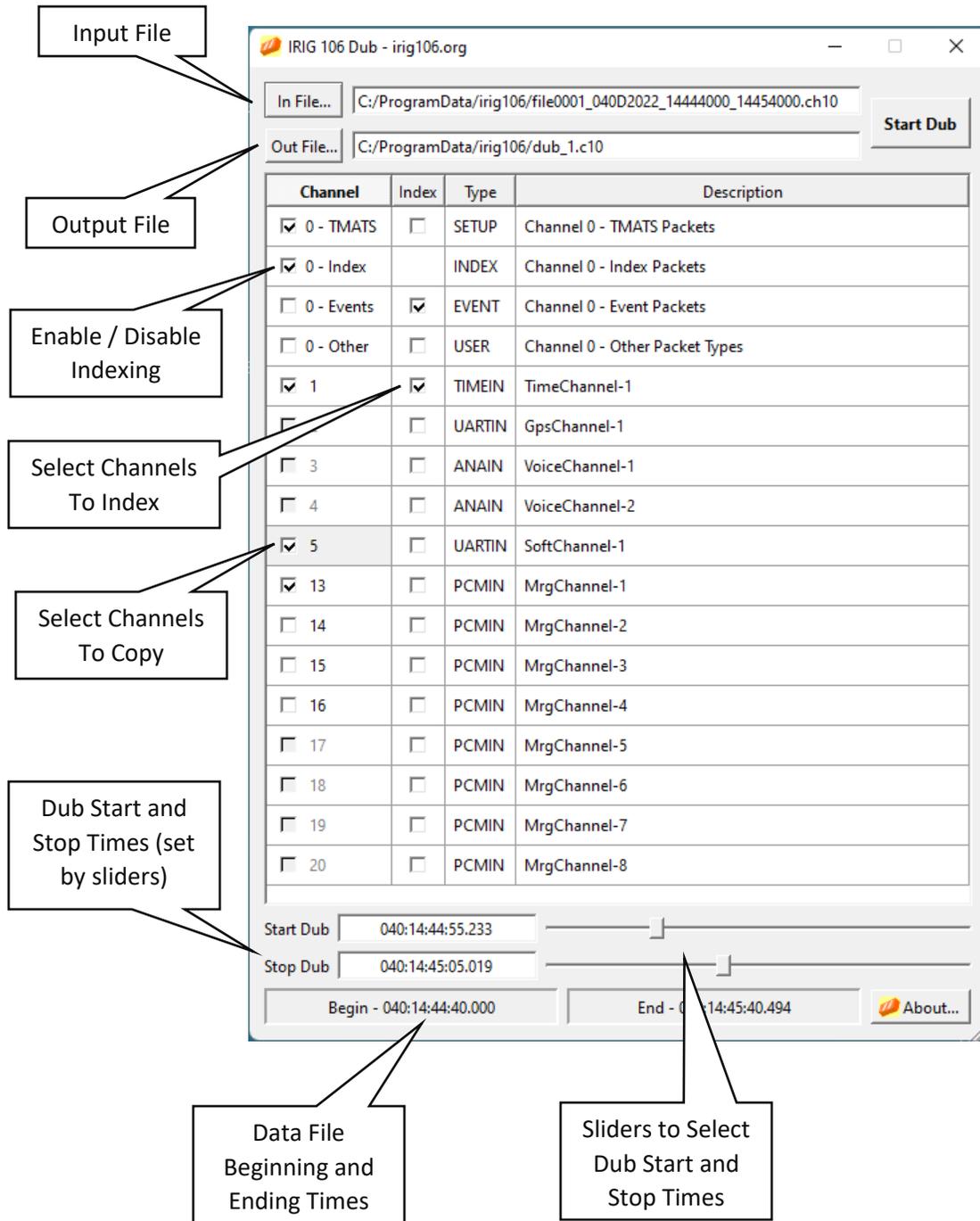


# ig106Dub

3/4/2022

ig106Dub is a software application to copy a portion of an IRIG 106 Chapter 10 data file a new data file. Data channels as well as copy start and stop times can be selected so that only a portion of the original data file is copied to the new file. The figure below shows the various user interface elements.



Ig106Dub accepts “drag and drop” for input files. An output file must always be selected, though.

TMATS packets, index packets, event packets, as well as other packets are always shown for Channel 0 regardless of whether they appear in the data file or not. For other channels data channels and types are read from the data file TMATS record and displayed. Data channels that are disabled are displayed but cannot be selected.

Channels to be copied are selected by clicking on the individual channel check boxes. The initial default set of channels to copy is the minimal required set, TMATS and Time.

Channels to be indexed are selected by clicking on the individual index check boxes. If indexing is enabled in the input file then index packets are also selected. If the input file does not have indexing enabled then indexing can be enabled by clicking on the Index checkbox. Regardless, if indexing is enabled new correct index packets will be generated and written to the output data file. The TMATS information will also be modified to correctly show the state of data file indexing. Normally only Time and Event packets are indexed so these are the initial defaults. Any packet type and channel, however, can be indexed if desired.

Start and stop dub times are selected via sliders at the bottom of form. As the sliders are moved approximate data times are displayed. Once the slider is released a more exact time is calculated. This sometimes results in a slight time jump displayed.

Click the “Start Dub” button to begin the copy process.

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