Seismic Volume SEGY Loader

User Manual

IPLAB

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Start:

Import->

SEGY Loader

Or:

File->

Import->

SEGY

The loader working use 3 steps:

1st Step. After selection SEGY file the loader reading 100 first , middle and last traces using standard bytes position for main parameters in binary header and in trace header (Inline, Xline, X, Y). The results will show in Loading parameters (Binary header and Trace Header), Text Header, TraceHeaderI4 table, TraceHeaderI2 table, Statistic,. According this statistics user can change parameters for byte position in Binary Header and Traces Header tabs and Refresh reading the first , middle and last traces. Parameters for Start, End and Step parameters for Inline, Xline and Slice will also refreshed. If any parameter problem other steps will not be available.

2nd Step. Scan all traces. During this step all traces will be readed and traces array created with X,Y, Inline, XLine and trace position index in SEGY file. Only after this step the 3rd step will be available.

3rd Step. Load the cube. During this step seismic cube node in project tree will be created according cropping information.

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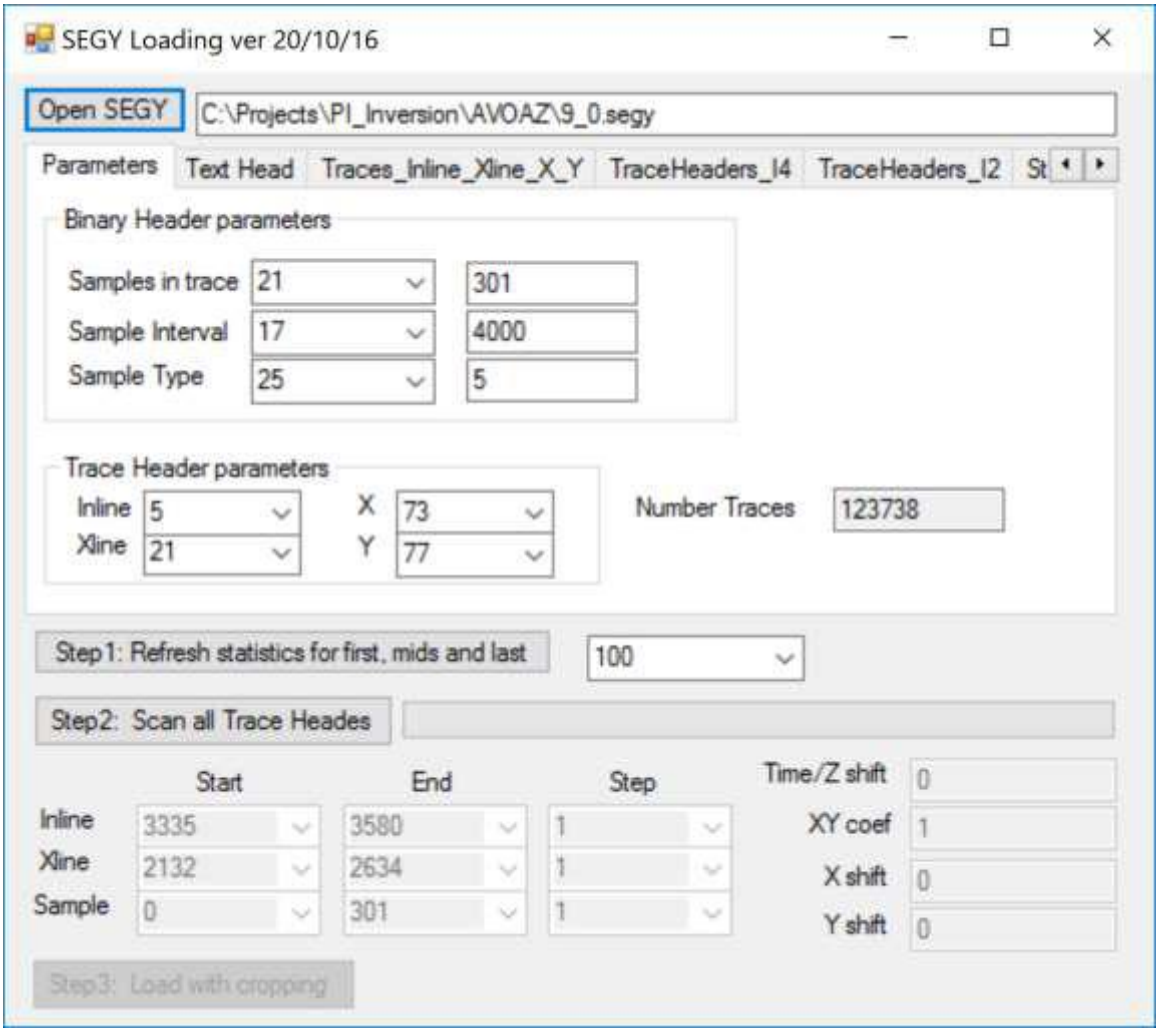

Figure 1: SEGY Loader dialog 1st tab with loading parameters

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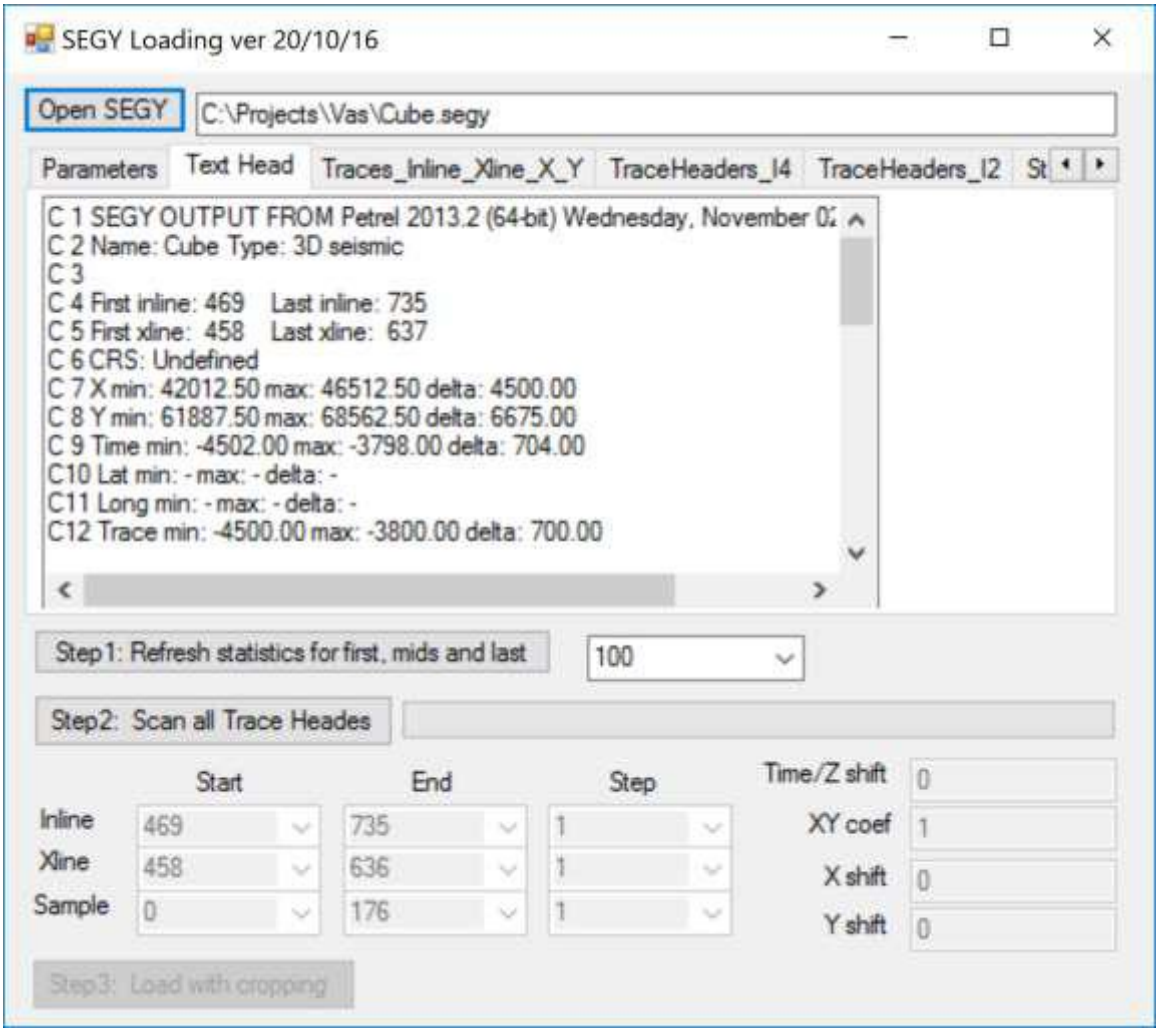

Figure 2: SEGY Loader dialog 2nd tab with EBCDIC header

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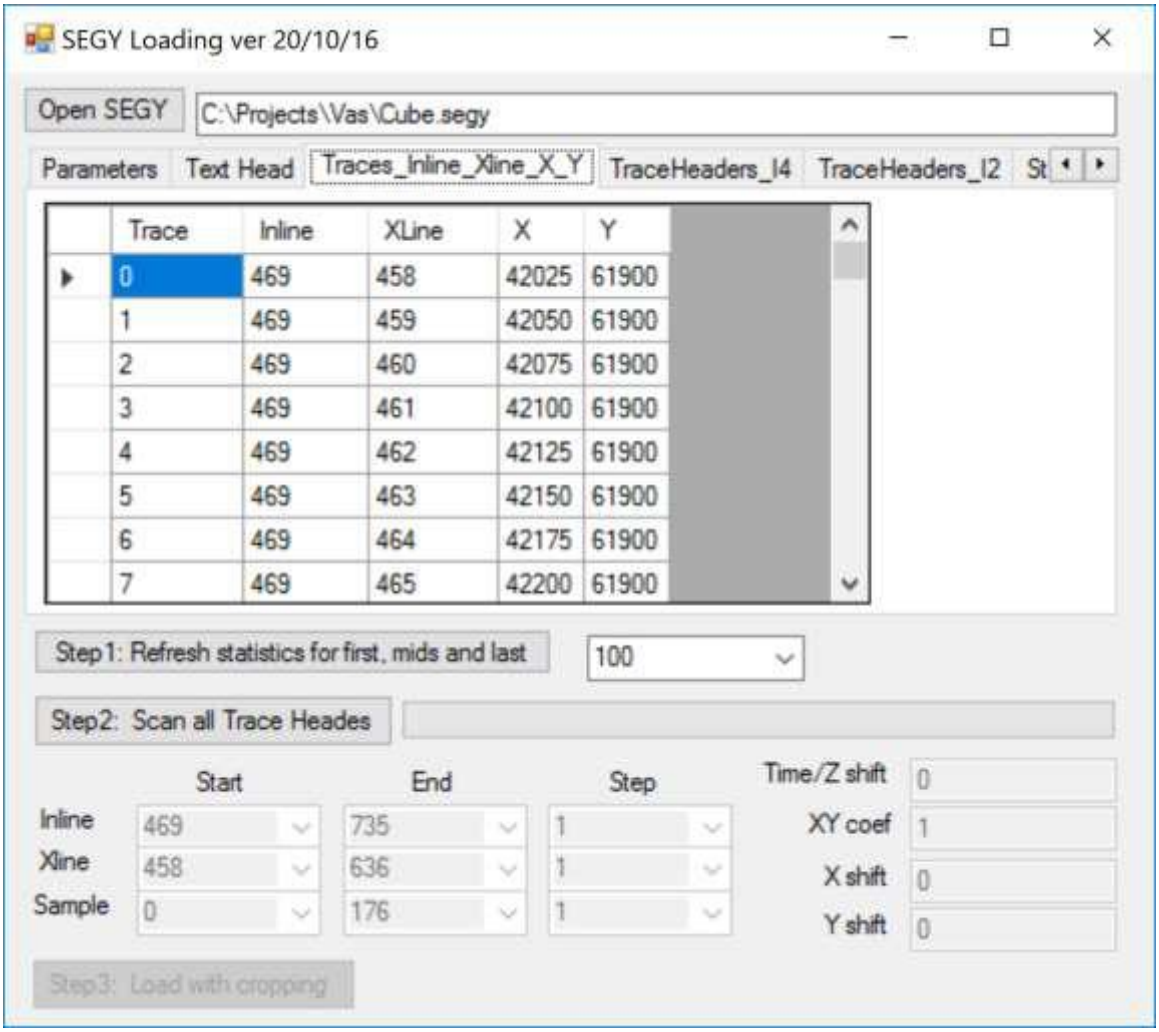

Figure 3: SEGY Loader dialog 3rd tab with Trace header information (3Trace, Inline, Xline, X, Y) for first, mid and last 100 traces.

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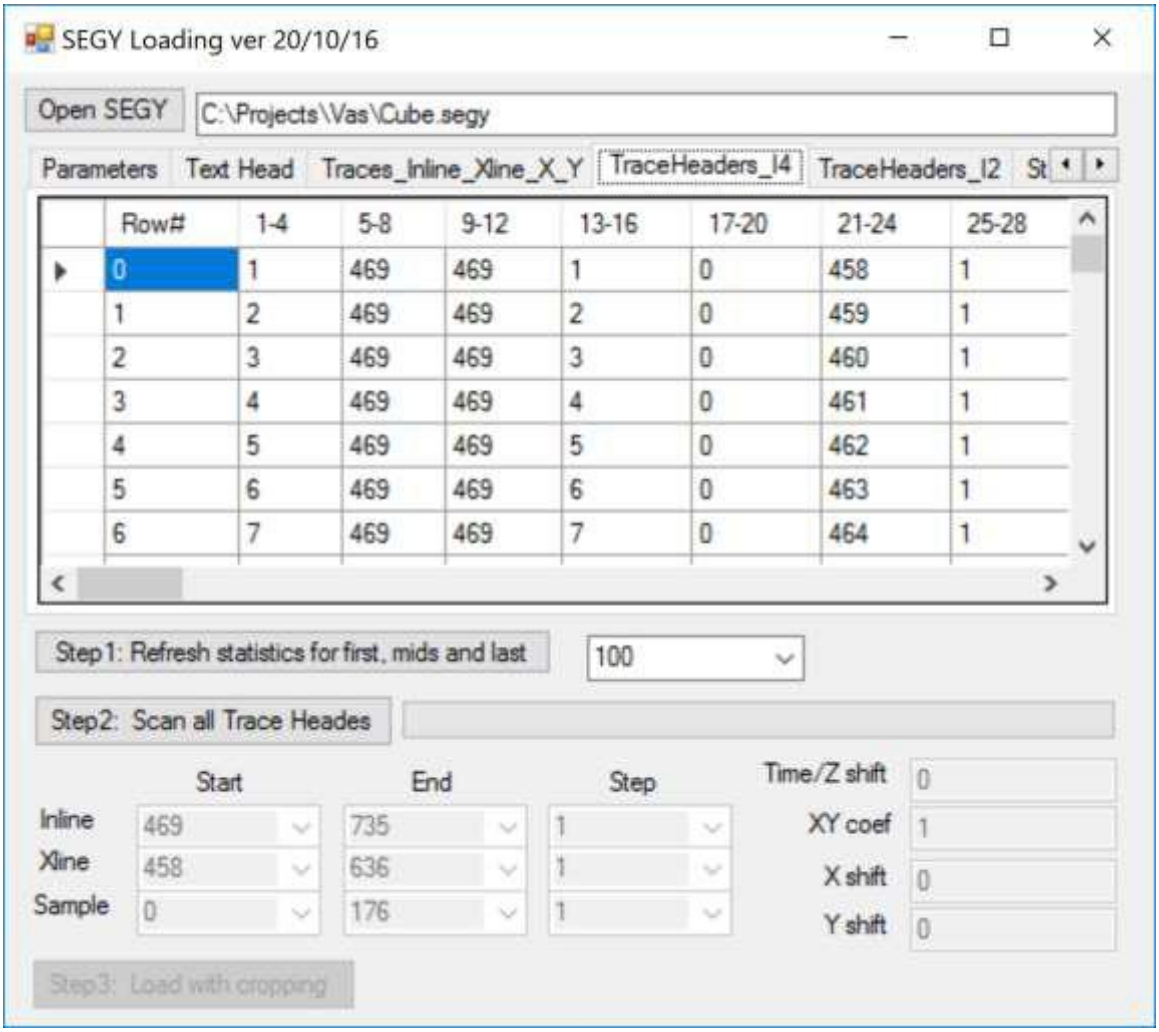

Figure 4: SEGY Loader dialog 4th tab with Trace header information in I4 format (4 bytes integer) for first, mid and last 100 traces.

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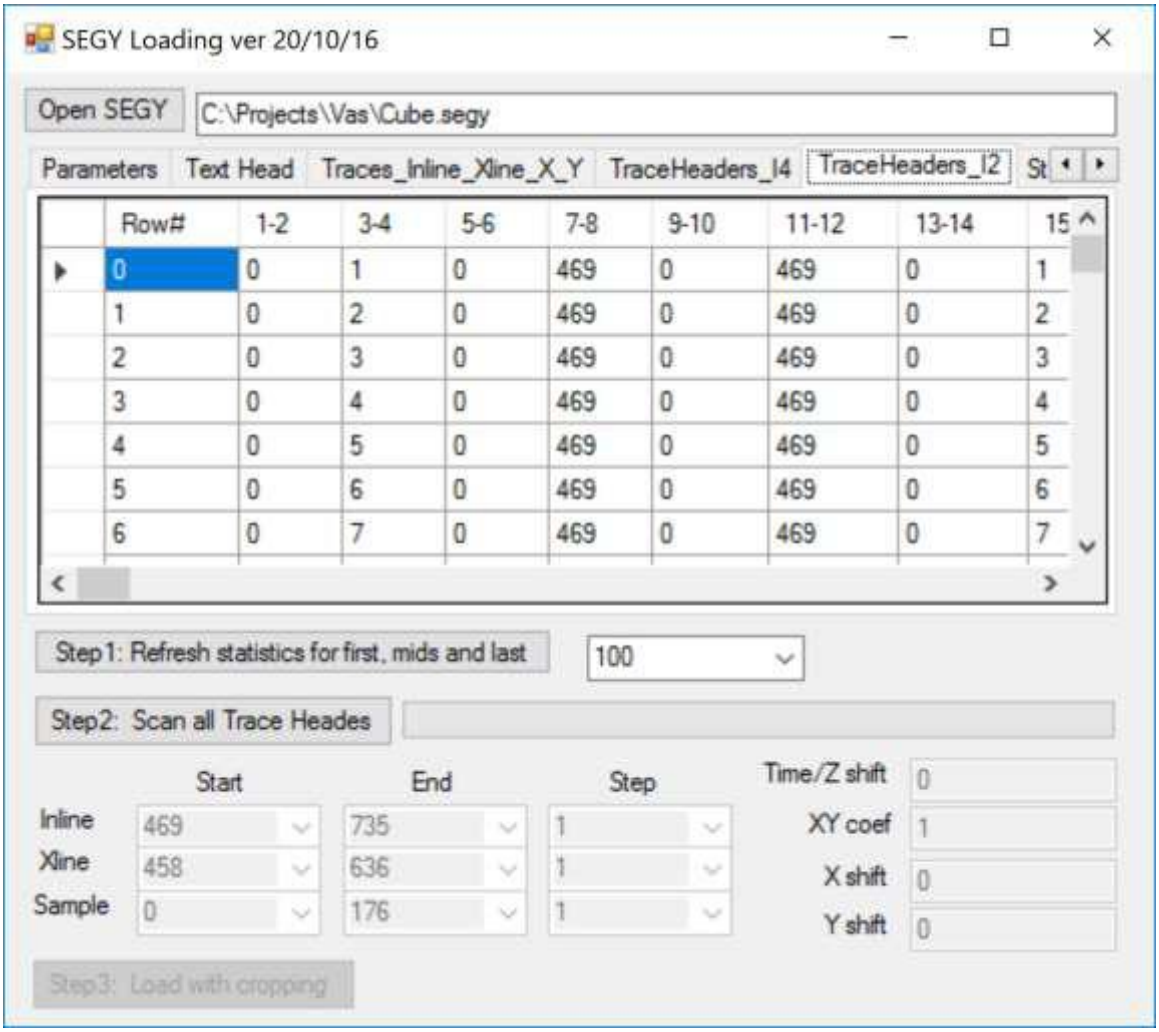

Figure 5: SEGY Loader dialog 5th tab with Trace header information in I2 format (2 bytes integer) for first, mid and last 100 traces.

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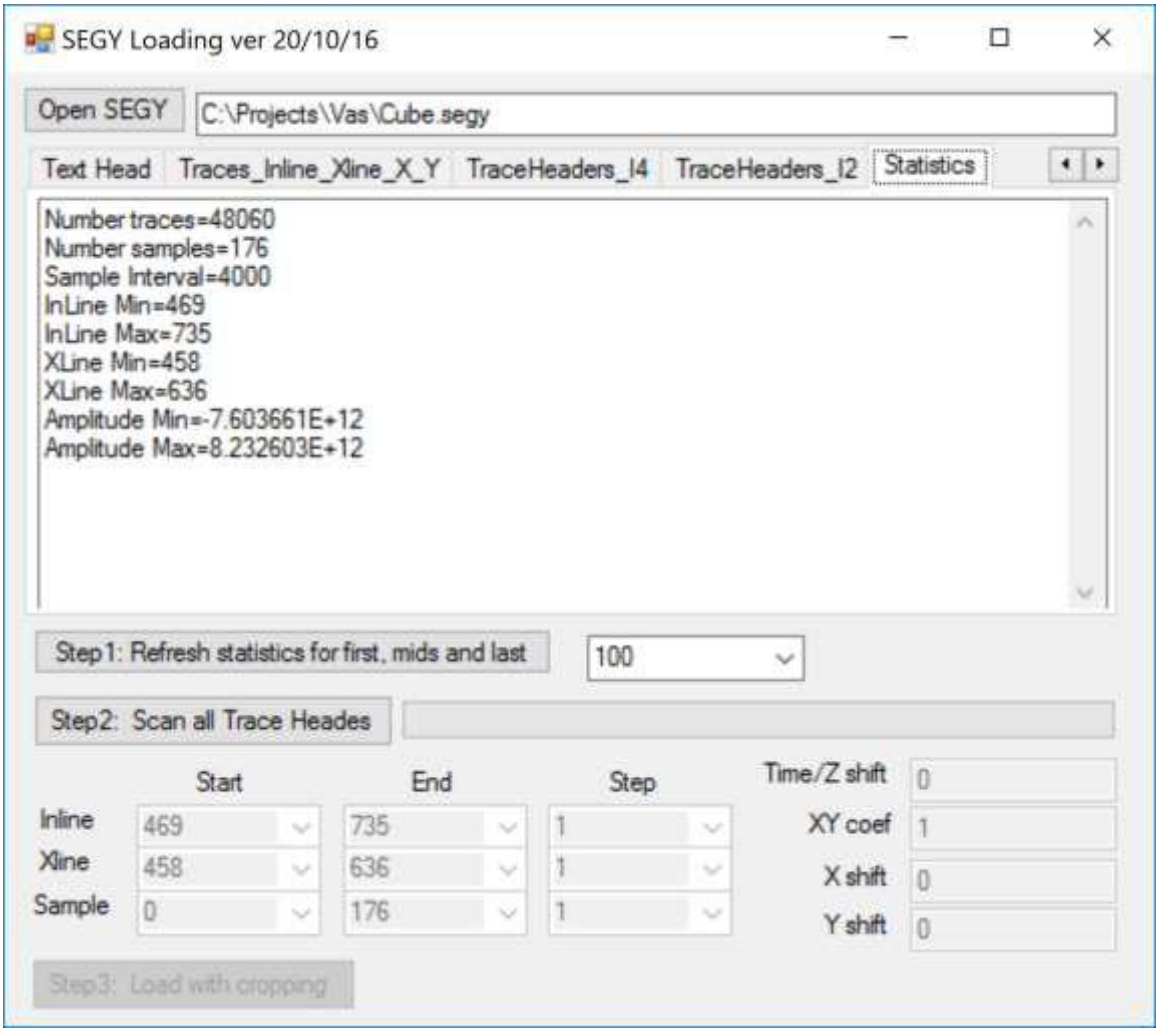

Figure 6: SEGY Loader dialog 6th tab with statistics.

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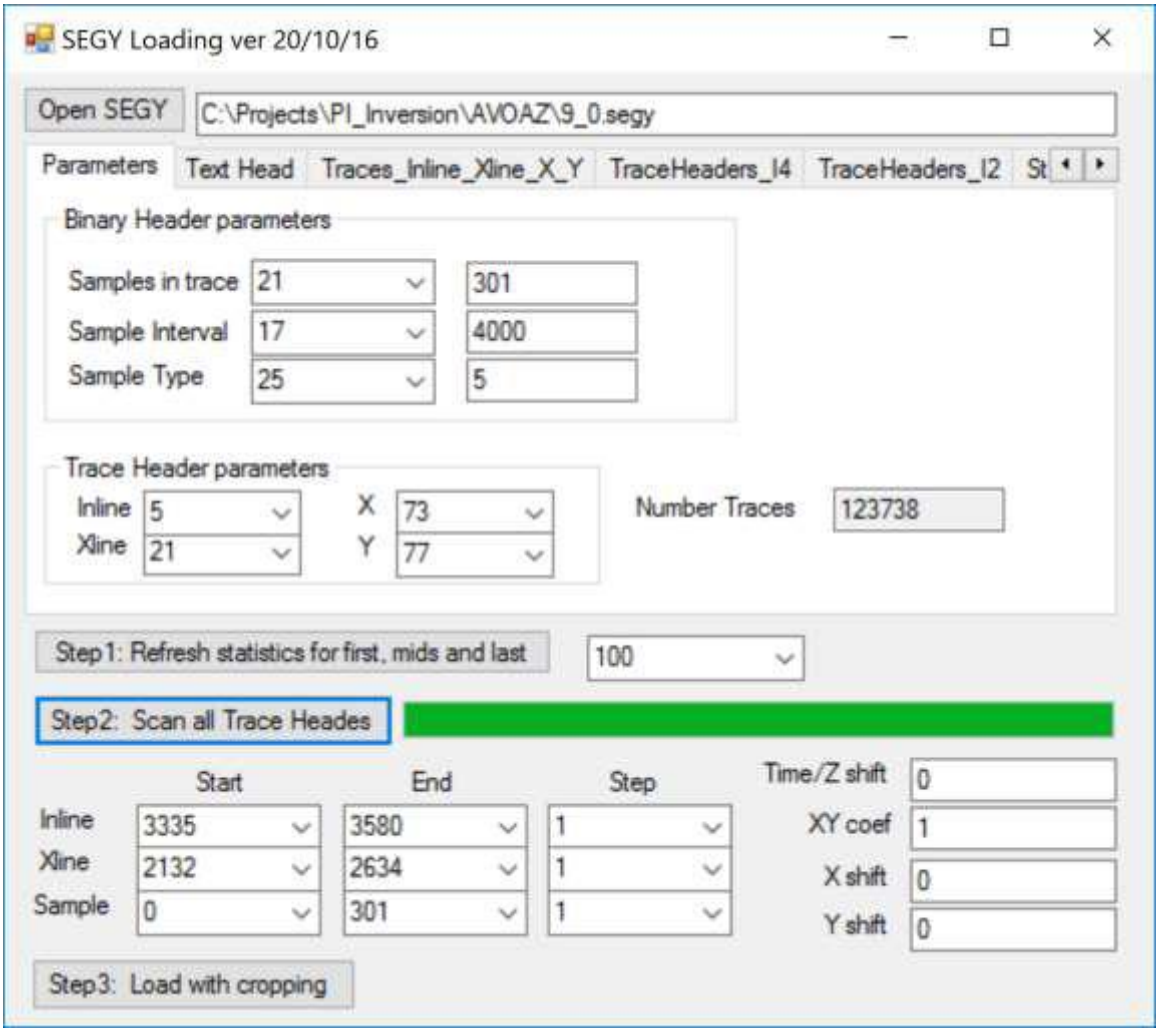

Figure 7: SEGY Loader dialog 1st tab after Scan all traces. After this step Load with cropping is available.

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