




# RadExPro 2014.4

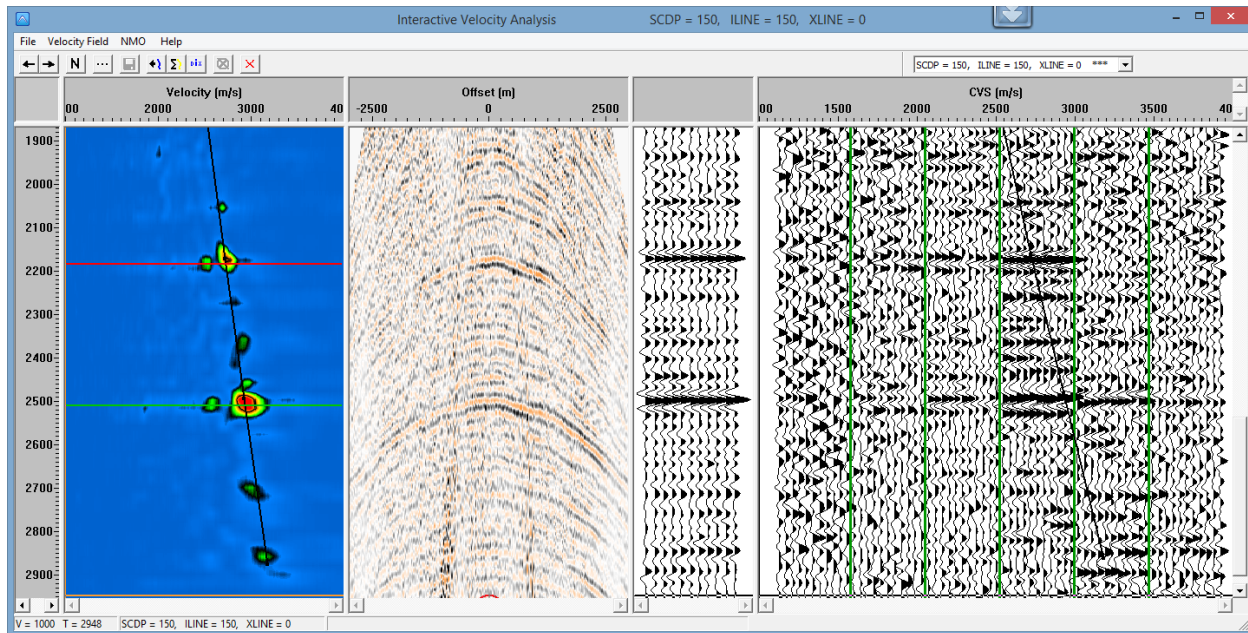
## release notes

We wish you all the best in the New Year 2015 and are happy to close the year of 2014 with the new release of our software -- **RadExPro 2014.4**

Main improvements are as following:

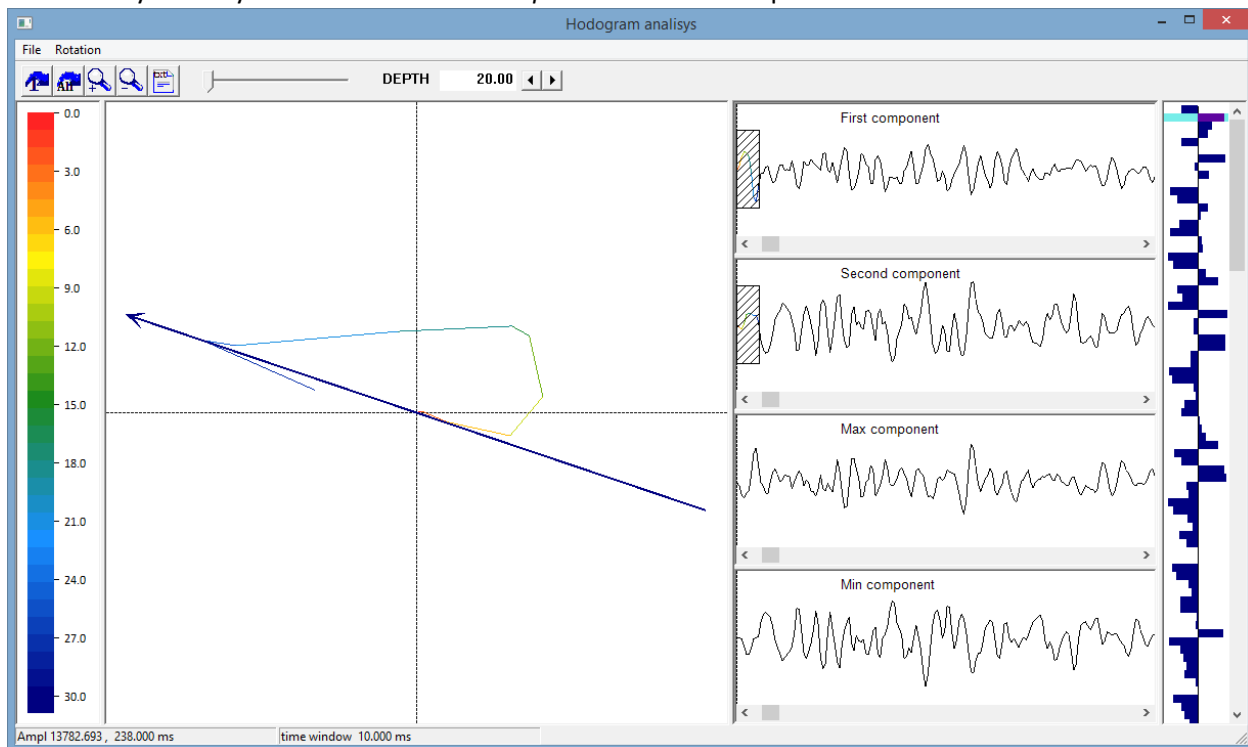
- Now **Screen Display** you can scroll back and forth to a specified number of ensembles. Use new toolbar buttons for this:   
To enable them, simply switch on *Ensemble boundaries* and specify a number of *Ensembles to scroll*. In frame mode, scrolling forward at the edge of the frame will automatically load the data of the next frame into the display. Moreover, if *Enable backward frame scrolling* is on, you are able to scroll through the frames even backwards (if this option is on, a special temporary file will be created on the hard disk to enable this behavior).
- New **Elevation Statics 3D** module was added to correctly calculate elevation statics for 3D data.
- New **HiRes Statics Calculation** was added to calculate statistically tidal statics for offshore data.
- **Interactive Velocity Analysis** now can load horizon picks made on stack and display them on top of the semblance window (select File/Horizon list menu command and in the open dialog box right click and select Load horizon). Now you will know what exactly you are picking on

semblances!



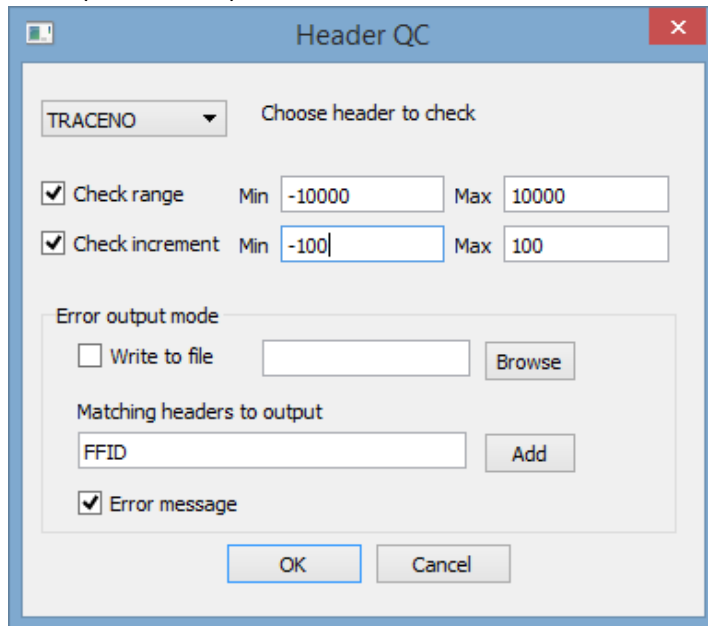
Horizon picks must rely on CDP:CDP for 2D data, or ILINE\_NO:XLINE\_NO, if your data is 3D.

- New **Hodogram Analysis** module was added for polarization analysis of multicomponent data. The module operates with 2 selected components (more than 2 components may still be present in the flow). The module will save polarization angles to a specified header and may additionally actually rotate the traces if *Output rotated traces* option is on:



- New **Header QC** module was added. It can check the range and increment of the header values and will output a warning into text file or an error message if the value/increment is out of range. It will also report about true NaNs and RadExPro representation of an absent header

value (that is 9999):



- Now you can make any processing in windows! New **Dataset Merge** module merges the upper part of one dataset with the lower part of another dataset along a horizon in a header field.
- Now you can transfer flows between projects. Save a flow to a disk file and then load it from the file – as simple as that! (Database/Save flow and Load flow menu commands from the flow editor window).
- A number of bugs were fixed. The most important ones: NMO/NMI does not crash anymore if velocity field for 3D data is interpolated not by coordinates but by inlines and crosslines; the problem with binary header in the SEG-Y Output was fixed (it used to not fill it if a user did open Edit binary header dialog and did not change anything there).

As usual, if your maintenance is on please contact us at [support@radexpro.ru](mailto:support@radexpro.ru) and get your update for free.

Our office will be closed for the Russian Orthodox Christmas holidays on December 31. We will be back to work on January 12, Monday. Meanwhile, we will be checking our emails seldom so some delays in correspondence may occur.

Wishing you happy and prosperous New Year 2015!

*Your RadExPro development team:*

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