

Reflexw 9.0/8.5/8.0/7.5/7.0 news history (from 01.01.2014 to):

date	module	changes	ver 9.0	ver 8.5	ver 8.0
15/02/19	2D-dataanalysis, next, prev.	if a proc filefilter had been set the next/prev. Buttons do not work for rawdata any more, corrected	x	x	x
15/02/09	2D-dataanalysis, resort-traceheader	the last trace has been duplicated under special circumstances, corrected	x	x	x
28/11/18	modelling, load data traveltimes	Now the standard format is Reflexw pck		x	
28/11/18	2D-dataanalysis, show isolines	now no isolines will be displayed where 0 amplitude values are present, e.g. at the borders of a tomographic result. No isolines will be plotted in case of wiggle mode plot.		x	
26/11/18	2D-dataanalysis, layershow, fill with velocities	until now 1/1 reset had to be pressed for a correct presentation, now automatic		x	x
05/11/18	2D-dataanalysis, depth axis, flip y axis	the depth axis has not been shown with flip y axis activated		x	
02/10/18	2D-dataanalysis, next, prev.	with activated plotoption TraceHeaderDist. the actual tracenummer has not been shown correctly when mouse moving – corrected (from ver. 8.0)		x	x
17/08/18	2D-dataanalysis, layershow, create velocity	the increment will be automatically set to a multiple of the actual traceincrement		x	x
15/08/18	2D-dataanalysis, import IDS data	data with code 48 00 00 00 and 48 20 20 20 are read in		x	
24/07/18	2D-dataanalysis, resampling	new check if the sample number is larger than 32768, in this case the filter only works within the time dimension		x	
05/07/18	2D-dataanalysis, sequence processing	Now an error message appears if a sequenprocessing containing normalize profiles does not start with the option normalize profiles		x	
09/05/18	create timeslices	now the right axis will be the same as the left one if depth axis has been activated within the plotoptions		x	
09/05/18	modelling, fd-calculation	the calculation of suggestions for the critical FD-parameters now takes into account if a topography has been used		x	
02/03/18	modelling, symbol lens	the parameters had been defined below the lens, now they are defined within the lens		x	
22/02/18	2D-dataanalysis, import	Now meandering is supported for lines which are not strictly parallel along the x- or y-axis using the parallel lines sequence processing		x	
12/02/18	2D-dataanalysis, import	A rounding problem might occur for the profile constant coordinates when using utmcoordinates and meandering parallel lines		x	
01/02/18	2D-dataanalysis, utm-conversion	until now for latitudes smaller -80 and greater 84 degree a ups transformation has been used, now a utm-transformation is used		x	
15/01/18	2D-dataanalysis, layershow, create velocity	the transformation into layer velocities has been improved for the multioffset picks type		x	x
12/12/17	2D-dataanalysis, edit comment marker	the marker comments had not been taken into account in ver. 8.5 if creating the markers using ASCII-dist. Format		x	
07/12/17	2D-dataanalysis, rotate 90 degree, print	now printing also supports the picks for rotated 90 degree display		x	
07/12/17	2D-dataanalysis, picking	now picking is not possible outside the profile distance range		x	
14/11/17	2D-dataanalysis, print	a new error message occurs if the print size in x-direction for printing in horizontal split mode is too big		x	
03/11/17	3D-datainterpretation-xyz cuts	the clipboard for the grouping by rows missed the y-cut – changed now		x	x
24/10/17	3D-scan	Crossing lines – new check if the profile lengths do not fit the crossing area		x	
09/10/17	2D-dataanalysis, traceheader tabella	apply borehole deviations - If one of the borehole files is completely empty no changes will be done for this borehole.		x	
02/10/17	2D-dataanalysis, import	import for gsf-format has been improved		x	
24/09/17	2D-dataanalysis, traceheader tabella	check rec.coordinates, option has been improved		x	
07/06/17	2D-dataanalysis, load tom-pick files	now 3D-tom-files can be imported more precisely within the pickmenu		x	
07/11/16	printing with Rotate90Degree option	now printing with Rotate90Degree option is available within the 2D-dataanalysis and the CMP-velocity menu			x
07/11/16	2D-dataanalysis, correct 3D-topography	now the coordinates may also be loaded from the traceheaders for the x-projection			x
21/10/16	3D-datainterpretation, automatic adjustment of secondary profile	error message if profileincrement is not a multiple of the new traceincrement			x
21/10/16	2D-dataanalysis, import	import VIY-data, original parameter WheelMult is now considered			x
20/09/16	2D-dataanalysis, load free ASCII-format picks	Now if only depths and no traveltimes have been exported the travelttime values will be calculated from the depths and the actual velocity			x
08/08/16	2D-dataanalysis, edit traceheader menu, save on ASCII	a problem might occur for the batch start within one single file – corrected now			x
18/07/16	2D-dataanalysis, comment marker	warning message if the number of entries within comment.fil exceeds 32000			x
04/07/16	2D-dataanalysis, file split	the start coordinate of the last splitted datapart could be wrong- corrected now			x
02/06/06	modelling- tomography	now the z-values may also be elevation values if the option altitude is activated			x
09/05/16	CMP-velocity analysis – create 2D-model	the size of the filenames pf the 1D-models (without path) was restricted to 20 characters, extended to 80 characters now			x
09/05/16	Traceheader – update based on UTI-GPS and IDS-GPS	if the tracenumbers are read from an external file (*.gpt) -the import failed within version 8.0 – corrected now			x
27/04/16	Traceheader – update based on ASCII-file/interpol.	the z-coordinates have not been interpolated – corrected now			x
27/04/16	2D-dataanalysis, fk-filter within sequence processing	it might happen that the filter stopped druing sequence processing – corrected now			x

27/04/16	2D-dataanalysis, FD migration	Some memory has not been released – corrected now			x
09/03/16	2D-dataanalysis, utm conversion	the utm converted coordinates had been stored on exchanged xy-coordinates if the fileheader profiledirection was 'Y' – now the coordinates are stored independently from the fileheader profiledirection			x
09/03/16	2D-dataanalysis, import multichannel Radan data	new check has been incorporated if single header has been activated			x
09/03/16	2D-dataanalysis, correct max.phase	it could happen that the processing option did not start – corrected now			x
23/02/16	2D-dataanalysis, comment marker create from ASCII XY file	until the sum of the x- and y-distance has been used in order to determine the nearest coordinate pair, now the overall distance will be used			x
23/02/16	2D-dataanalysis, average and median xy-filter	if the filter has been restricted to a special time range the non filtered timerange had been shifted by one trace – corrected now			x
12/02/16	2D-dataanalysis, wigglescale	now the wigglescale ≤ 2 for tracenormalized datadisplay can also be changed interactively using the arrow key			x
09/02/16	2D-datanalysis, running average	if used for e.g. a tomographic inversion result the trace in the centre of the bandwidth was filtered too much – corrected now			x
03/02/16	2D-datanalysis, layershow, export Reflexw rasterfile	problems occurred if the first layer number of the layershow did not start with number 1 and used afterwards for a timedepth conversion – corrected now			x
19/01/16	2D-dataanalysis, CMP-processing, geometry setting	standard geometry y-direction rec. And fixed line, table display not correct – corrected now			x
16/12/15	import Radan data	the restriction of max. 16000 samples has been removed			
01/12/15	import IDS data	Now IDS-data with the code AC20 are considered.			
20/11/15	plotoption autom.scale	if activated the interactive change of the act.palette did not work – corrected now			
11/11/15	export to bitmap	now the plotoption autom.scale will be taken into account for the bitmap export			
09/11/15	Modelling – 3D raytracing	The 3D-raytracing based on data travelteimes has been improved			
07/10/15	export to Mala format	now the measured time will be exported to the Mala rad-file			
07.10.215	Modelling – FD simulation	the max. size of the filenames has been increased to 40 characters without the filename path			
07/10/15	printing	pageblocking has been improved – warning messages that manual scaling and manual axis labelling should be used, the blocking range has been increased by one trace (now it goes e.g. from 0-100, 100-200, 200-300...)			
14/08/15	import PulseEkko data	a new check has been included if undefined values are present within the original PulseEkko traceheaders			
07/08/15	modelling- tomography	the multiple choice of tomographic data files did not work within ver. 7.5 – corrected now			
30/07/15	CMP-velocity analysis	view travelttime differences for VSP-data – now also nonequidistant picks are supported			
26/06/2015	2D-dataanalysis - picking with activated plotoption reduction velocity	the picking with activated option reduction velocity and a manual scale did only work if the scale was large enough in time direction - now corrected			
23/06/2015	2D-dataanalysis - export bitmap using wiggle mode	the background color could not be defined - now the background color defined within the plotoption will be used			
04/06/2015	modelling - create model using rectangles	until now the slope was only used for the z-coordinate - now the slope also applies for the x-coordinate which allows to define steeper angles than 45 degrees.			
06/05/2015	modelling - FD-raytracing with reflections	until now the calculation of reflections was restricted to a source/receiver line above the reflectors - now the reflectors may also ly above the source/receiver line			
06/05/2015	2D-dataanalysis - prestack migration	now also integrated into sequence processing			
24/03/2015	2D-dataanalysis - import Mala with baseline activated	the baseline format obm has been changed a little bit - now supported			
16/03/2015	2D-datanalysis - prestack migration	a problem could occur if topography based on the traceheader values had been chosen - corrected now			
16/03/2015	2Ddataanalysis - fk-filter	if a secondary dataset had been loaded with different parameters it could happen that the fk-calculation failed if you entered this secondary window during the process - corrected now			
02/03/2015	2D-dataanalysis - timedepth conversion	for a timedepthconversion based on a 2D-velocity distribution first the const.velocity button had to be activated and then the 2D-velocity button - corrected now			
27/02/2015	2D-dataanalysis - import IDS-data	now the dt data from the new Opera system can also be imported			
26/02/2015	2D-dataanalysis - moving window spectrum	now the start value for the frequency axis will always be set to 0			
26/02/2015	modelling - import (x,z)	a smoothing has been included if the number of xz-values exceeds the number of max. layer points			
26/02/2015	travelttime analysis - invert first layer	if the number of shots exceeds the number of max. layer points a new smoothing has been included. In addition a new option named 1 velocity/shot has been inserted			
23/02/2015	2D-dataanalysis - view core data	if the core data are located in a special depth the velocity adaptation was restricted to the standard velocity which is used for the depth axis - corrected now			
23/02/2015	modelling - tomography	option restrict to max.angle - until now after having changed this option or the parameters the travelttime data had to be reloaded - now this is done automatically			
18/02/2015	2D-dataanalysis - YoYo section	sometimes option did not work - corrected now			
11/02/2015	2D-dataanalysis-global settings	The def.distance dimension for modelling/travelttime analysis will be automatically checked when leaving Reflexw			
10/02/2015	modelling - tomography	the calculation of the confidence file has been improved			

02/02/2015	CMP-velocity analysis	VSP-calculation: if the traceincrements had been larger with depth the calculated traveltimes did not reach the max. depth - corrected now.			
27/01/2015	modelling - import xz	the 8. column was wrongly imported - corrected now			
18/01/2015	2D-dataanalysis - import SEG-Y-data	a new automatic check has been included if the original SEG-Y-data contain any dummy bytes at the end of the file			
12/01/2015	2D-dataanalysis - update traceheader with gps times	the handling of blank lines or false NMEA lines has been improved			
06/10/2014	2D-dataanalysis	a track bar (without any meaning) was included within the data window by mistake within ver. 7.5.4 - removed now			
06/10/2014	2D-dataanalysis- import 32 bit dzt data	an additional system marker has been included which will be ignored if the option no 32 bit system marker has been activated			
26/09/2014	2D-dataanalysis - velocity adaptation	now the adaption parameters (e.g. the velocity) may also be changed using the mouse wheel			
05.08.2014	3D-datainterpretation - view with deactivate ShowAxis	show name was deactivate if the ploption flipYAxis was activated			
05.08.2014	3D-datainterpretation - create 3D-file or timeslices	a floating point error message appeared if no 3D-file had been opened before creating a new 3D-file - corrected now			
04.08.2014	modelling	3D-raytracing based on datatraveltimes has been improved			
04.08.2014	traveltimes analysis	apply xz-topography - now the ASCII-file may also consist of Unicode encoding.			
04.08.2014	traveltimes analysis	A better check for zero velocities for the 1. layer has been included for the use of the wavefrontinversion with topography			
28.07.2014	2D-dataanalysis - edit traceheader - correct for offset in profile direction	A problem occurred if the coordinates in x-direction did not vary at all - corrected now.			
07.07.2014	2D-dataanalysis - layershow	the printing on a pdf-file with activated option fill had been lead to smeared colours within the layers - corrected now.			
14.05.2014	2D-dataanalysis - correct 3Dtopography with activated option project on x or y-axis	The definition of the start coordinate after applying the processing option has been redefined for negative coordinates.			
14.05.2014	2D-dataanalysis - int. choice	the profile choice has been improved if the option use traceh. coord. has been activated.			
14.05.2014	2D-dataanalysis - ploptions use traceheader ref.level and correct header elevations activated	now the zooming is also supported if these options are active.			
14.04.2014	modelling - aAdd. topography	now the min./max. z-values after applying the option are restricted to the model borders.			
14.04.2014	2D-dataanalysis - edit traceheader, option correct for offset in profile direction	the special case of profile direction exactly in x-direction could lead to a wrong correction - corrected now.			
14.04.2014	2D-dataanalysis-global settings	dependent on the number of decimal places the parameter number of places was not always stored within the Reflexw ini-file after having closed Reflexw-corrected now.			
29.03.2014	2D-dataanalysis	zoom option kept will not be deactivated if the pick option automat.load has been activated.			
18.03.2014	2D-dataanalysis - export to bitmap with activated ploption TraceHeaderDist.	the profile start had to be identical to the fileheader profilestart - corrected now.			
12.03.2014	2D-dataanalysis - sequence processing remove header gain	asked for an ASCII-file - corrected now.			
23.02.2014	modelling - tomography	if 2D-tomographic data had been loaded together with activated options topography and elevation the traveltimes data had to include the elevations, now the elevations within the traveltimes data can also be 0			
23.02.2014	modelling - tomography	the min. plotrange has been lowered in order to ensure that using a white color for the min. velocity only the velocities outside the covered region (e.g. above the topography) will be affected			
11.02.2014	2D-dataanalysis - processing option resort group	the ensemble number will be automatically updated after having performed this option.			
27.01.2014	CMP-velocity analysis - 2D-model	now the min./max. distance and depth values for the display of the 2D-model will be automatically determined.			
27.01.2014	3D-datainterpretation - open second 3D-file	A new processing option had not been taken over for the primary file only after opening the processing menu again - corrected now.			
19.01.2014	2D-dataanalysis - fk-filter	now the filtered fk-range will be displayed within a separate window. The taper (f- and k) had been interchanged - corrected now.			
14.01.2014	modelling/tomography	until now averaging over the entered values in x- and z-direction has only been done during the inversion process and not for the end model - changed.			

