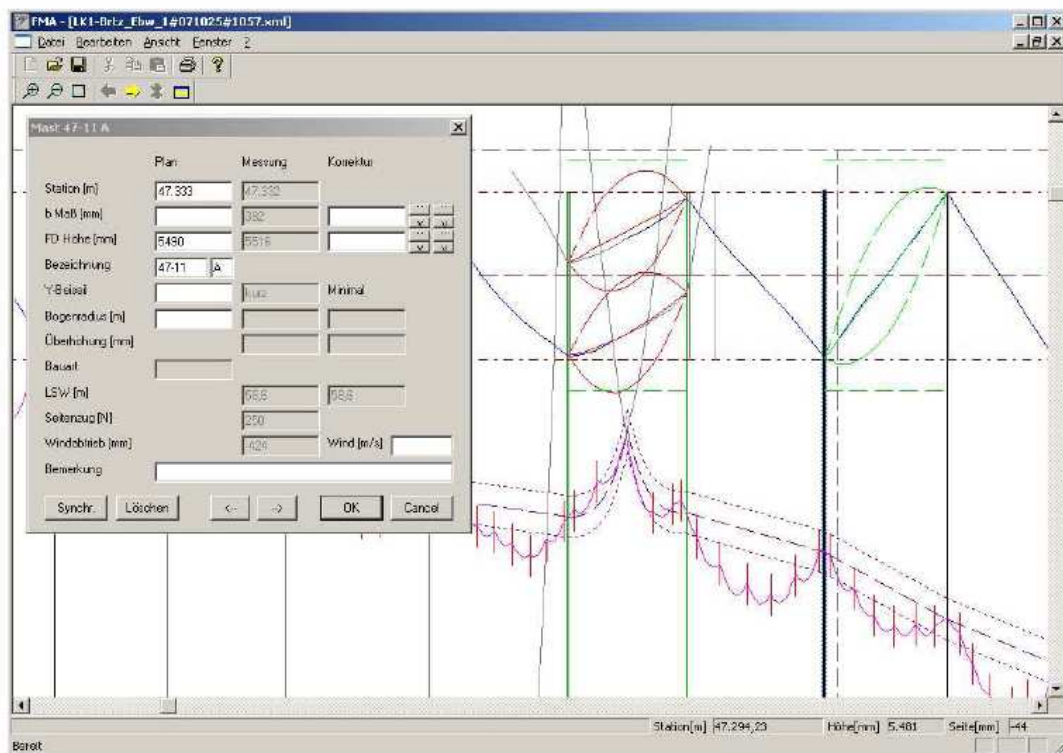
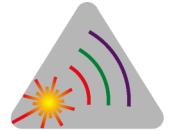


Fahrdraht-Mess-Auswertung - FMA

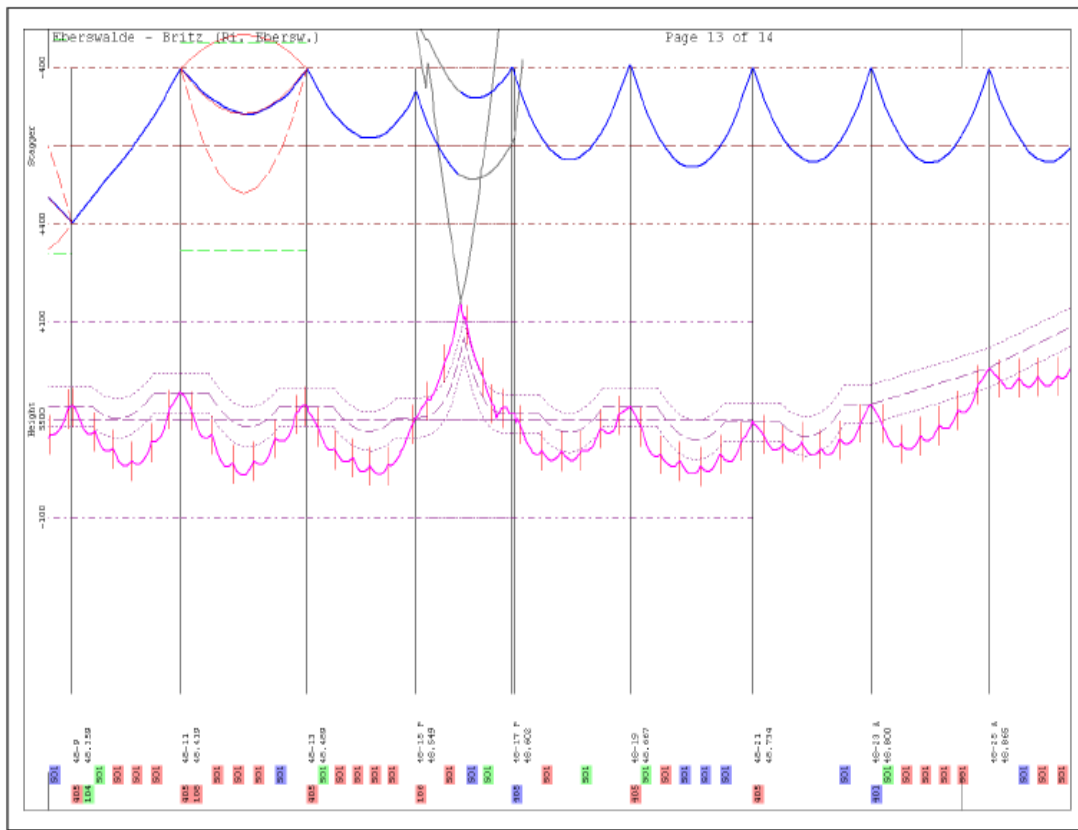
Contact Line Position Measurement



- Presentation of measurement data
- Automatic detection of poles and droppers
- Analysis of measurement and checks against construction tolerances (Re100, Re200, Re250, Re330)
 - Height
 - Radial force
 - Wind deflection
 - Gradients
- Own definition of tolerances
- Handling of large measurements, 100 km and more



- Generation of reports with measurement data, tolerances and checks:



- Summary of checks

Eberswalde - Britz (Ri. Ebersw.)

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Code and error list:

Code	Name	Description	canc.	green	blue	red	black
104	SL Step	Span length step to high		(1)	1	2	
105	SL Step_O	Span length step to high in overlap					
106	P Stagger	Stagger tolerance exceeded		(2)		4	
107	P RadForce	Radial force tolerance exceeded					
108	P Wind deflection	Wind deflection exceeded (at 35.0 m/s)		(7)		3	
401	P CW Height	Contact wire height tolerance exc.		(2)	6	14	
402	Min CW Height	Min. contact wire height under-run					
403	Max CW Height	Max. contact wire height exceeded					
404	CW Run-up	CW run-up tolerance exceeded					1
405	P V Course	CW height describes a V at support			1	9	
501	P CW Height	CW height tolerance exceeded		(28)	11	76	
502	P CW Height step	CW height step tolerance exceeded					
601	P Gradient Change	Contact wire gradient change					6
602	P Abs Gradient	Absolute contact wire gradient					

Error classes:

Exceedance <= Height: 5 mm, Stagger: 10 mm, Path: 500 mm: green

Exceedance <= Height: 10 mm, Stagger: 20 mm, Path: 1000 mm: blue

Exceedance > Height: 10 mm, Stagger: 20 mm, Path: 1000 mm: red

not classified: black