AUGUR ANALYSIS

Software for storing, visualizing and processing ultrasonic non-destructive testing data and forming reports based on pre-prepared templates.

Import of data from ultrasound inspection systems of different manufacturers • Measuring markers • Assessment of indications of PA probes, FMC + TFM, TOFD, autonated visual measured inspection • Editor of sketches of the inspection object, display of defect diagrams A,B,C,D,S - scan • Stripchart - inspection data representations with synchronized markers • Semi-automatic measurement of defects • Centralized inspection database • TOFD data presentation and TOFD data processing • Presentation of thickness measurement and corrosion data • Filtering and correcting data • Support for AUGUR series, Harfang X-32, Harfang VEO, Olympus Omniscan, Zetec, CIVA data formats

Data analysis

Data analysis in the PA probes and FMC + TFM mode



General view of "Data Analysis" program

Application examples



Semi-automatic measurement of defects according to the specified rules.

Presentation of zone inspection data in Strip-Chart mode.



Database of inspection objects, inspection files, equipment parameters and defects.



Creating three-dimensional sketches of inspection objects and applying frames with coordinates of defects.



TOFD assessment of indications

All functionality for assessment of indications obtained by the TOFD method (diffraction-time method)





Alignment according to the signals of the head wave and removal of the head wave.

Parabolic cursors and depth calibration, software gain correction

Assessment of indications of thickness measurement and profilometry

All the functionality for constructing a corrosion map, thickness maps based on data obtained with PA probes, in the FMC + TFM mode or with a laser profiler of the outer surface.



Example of a test object



Representation in the form of slices, a table of thickness values with an indication of the minimum value in the specified area.

Raster representation, palette selection, averaging and smoothing



Viewing the source data and adjusting the position of the strobes.

Ordering Information

Name	Article	Standard equipment
AUGUR Analysis*	SW0180001	Software License,
		including an update for 1 year

* The software has been entered into the Federal Service for State Registration, Cadastre and Cartography (certificate No. 2019610777)



