

HISTORY





2001 - 2002



2002 - 2004



2004 - 2005



2006 - 2007





«All-Purpose Ballistics Expert's Workplace»

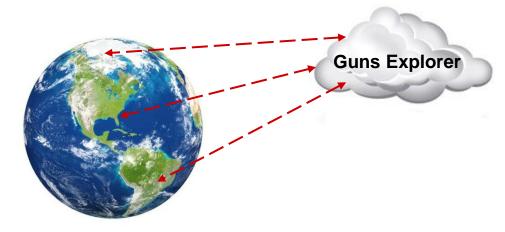
▼ Enhancement of new automated ballistic systems «POISC –Advanced» and growth of their capabilities

▼ Development of hardware and software system «POISC Photo-Module»



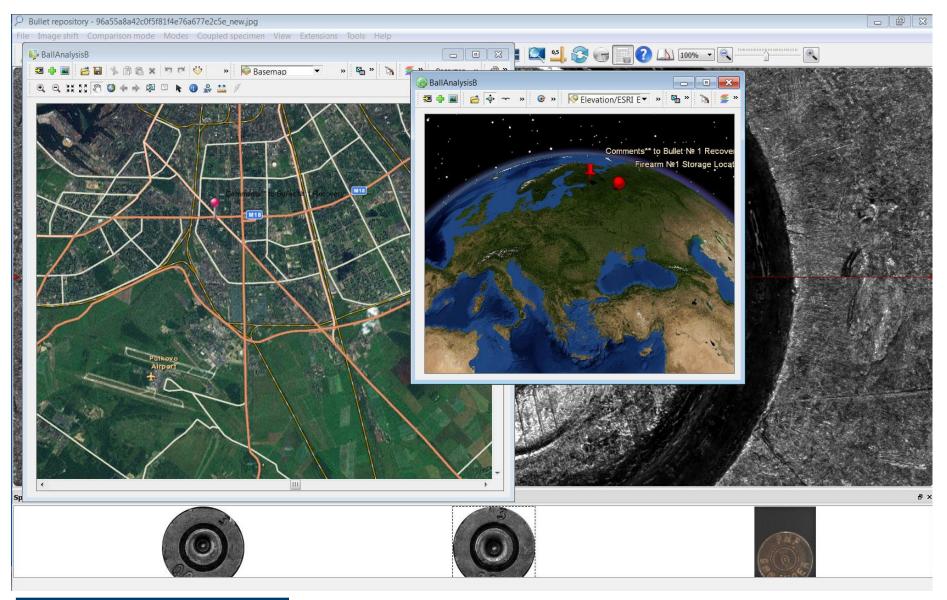


✓ Development of «Guns Explorer», a multi-purpose Analytical Search and Reference Database on firearms based on WEB- technologies



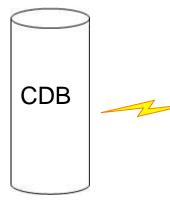
Additional Program Applications

✓ «GIS – Extension»



Libraries of «Audit» Special Programs

"Audit" for the Central Database



"Audit" Special Software:

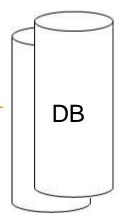
The program assesses the correctness of distribution of images in the database and automatically sorts the images into the classes:

- Images of the same Caliber (D);
- Images with the same Number of Lands/Grooves;
- Images with the same Rifling Twist Direction (left/right);
- Images with the same Twist Angle (α);
- Images with the same Land Width (WIL);

Supported by "GE" the program carries out the recommended sorting into the firearms model groups ("class marks");

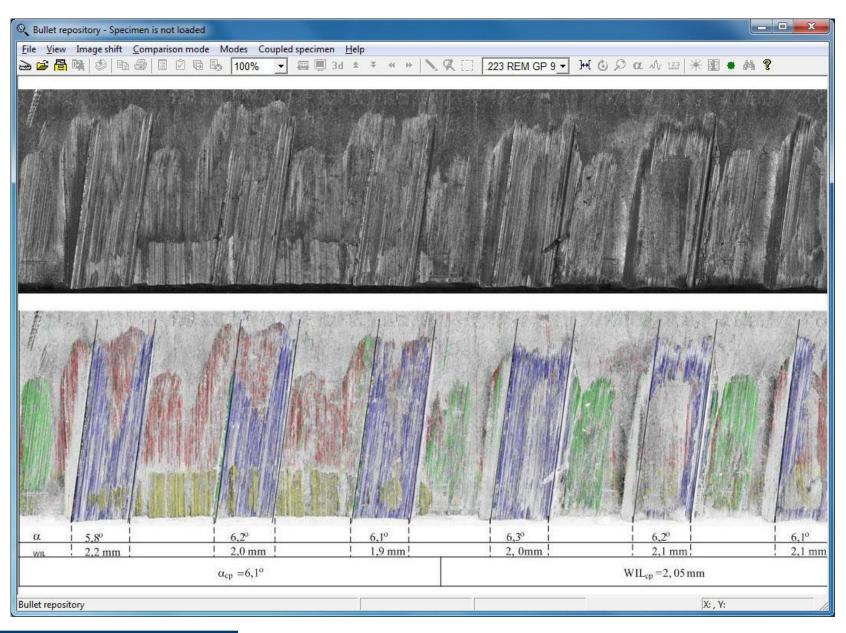
The program carries out the qualitative analysis of scanned images (defocused images, correctness of image stitching (shots and belts), statistics and highlighting of very light and very dark areas on the images).

"Audit" for several databases when synchronizing them

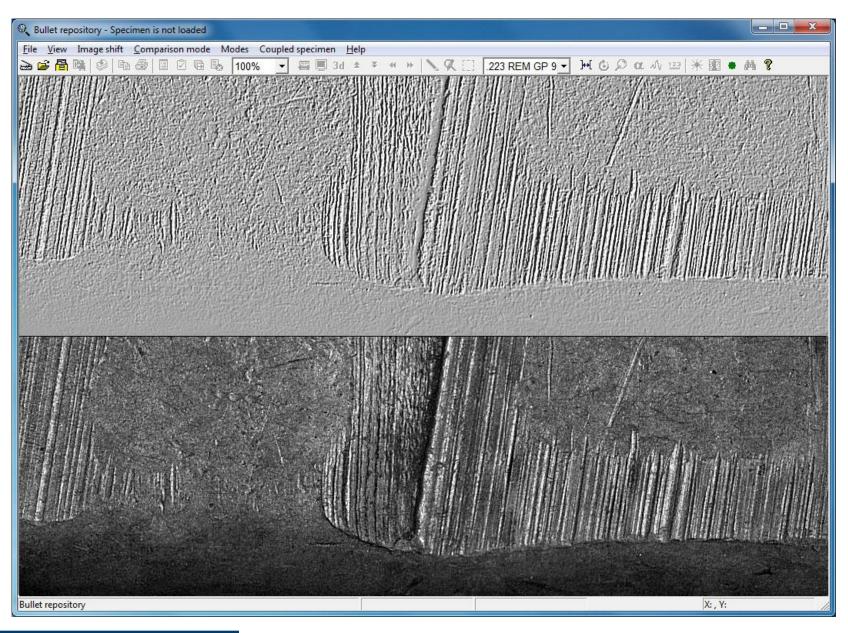


Help in Expert's work

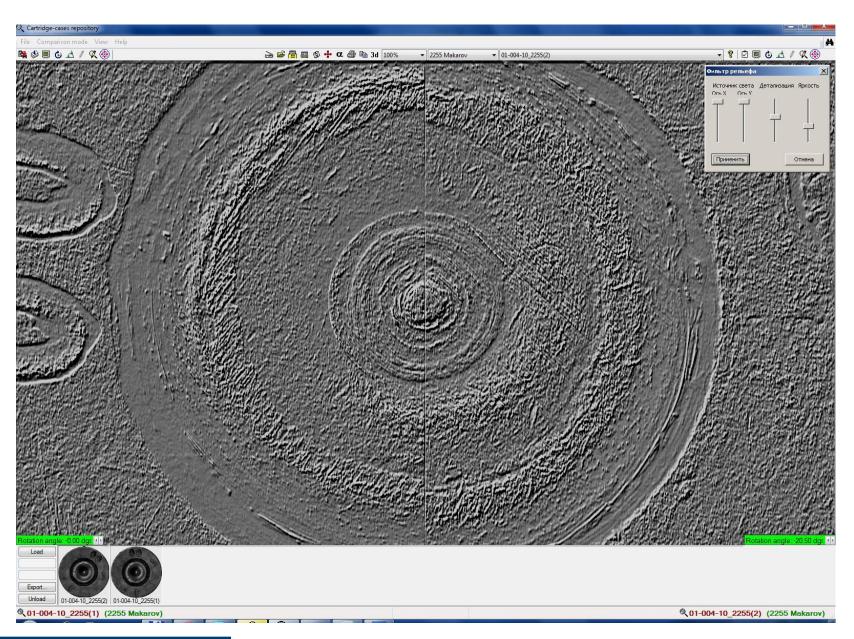
«Striation Highlighting» Filter



«Surface Relief» Filter

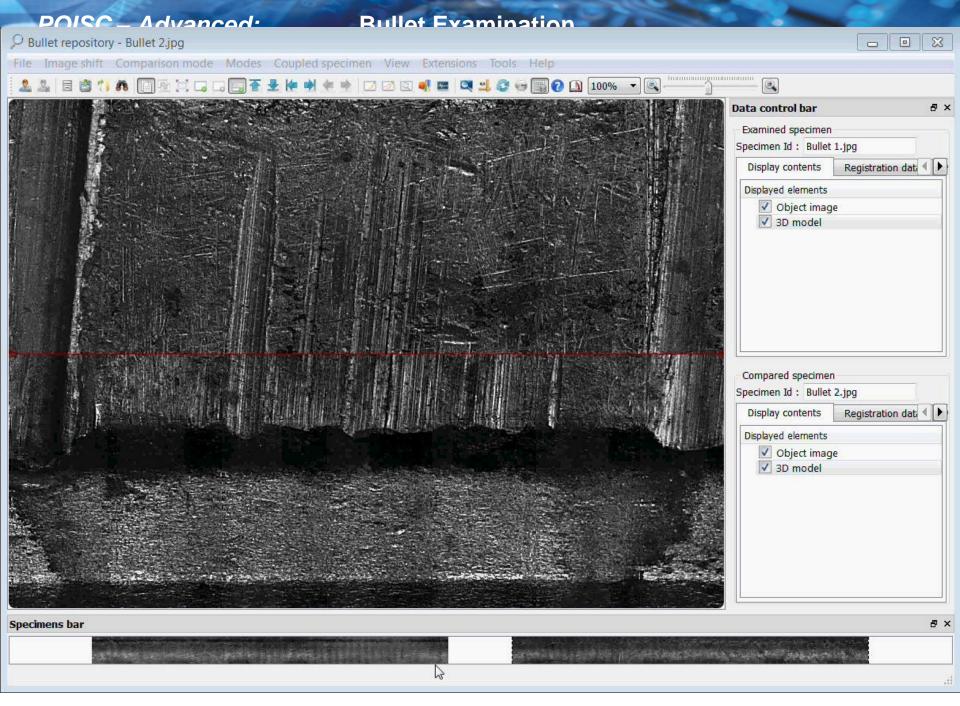


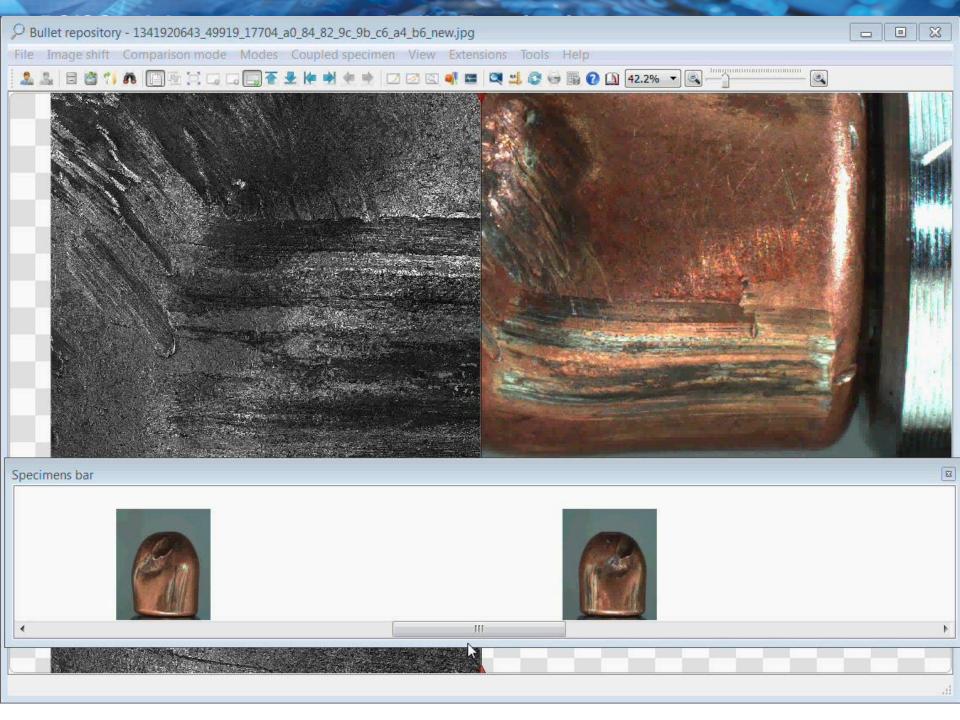
«Surface Relief» Filter

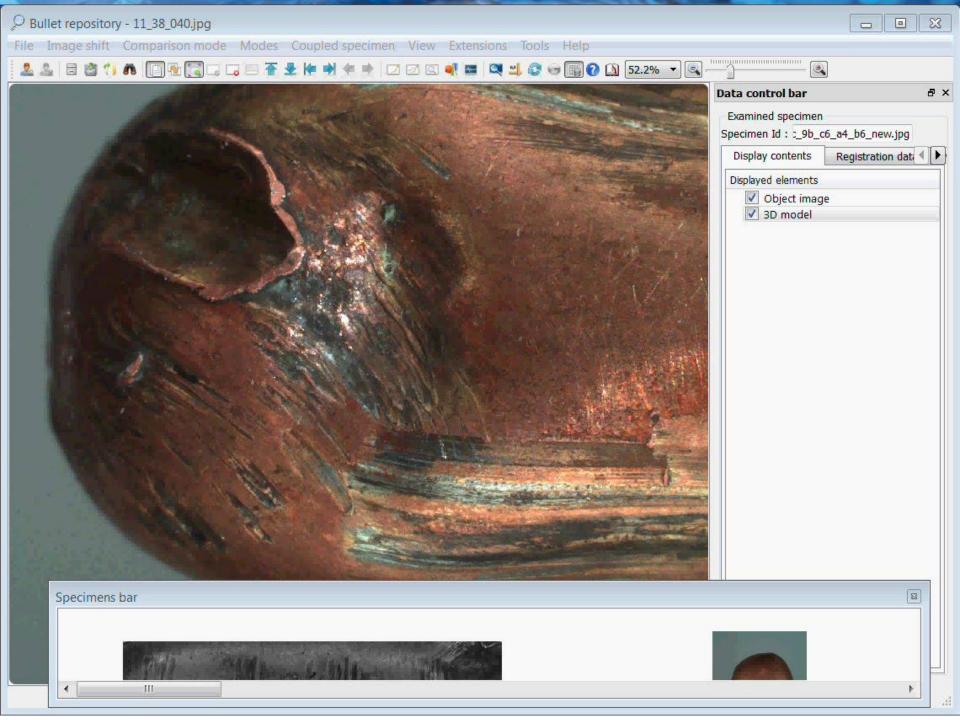


POISC - Advanced

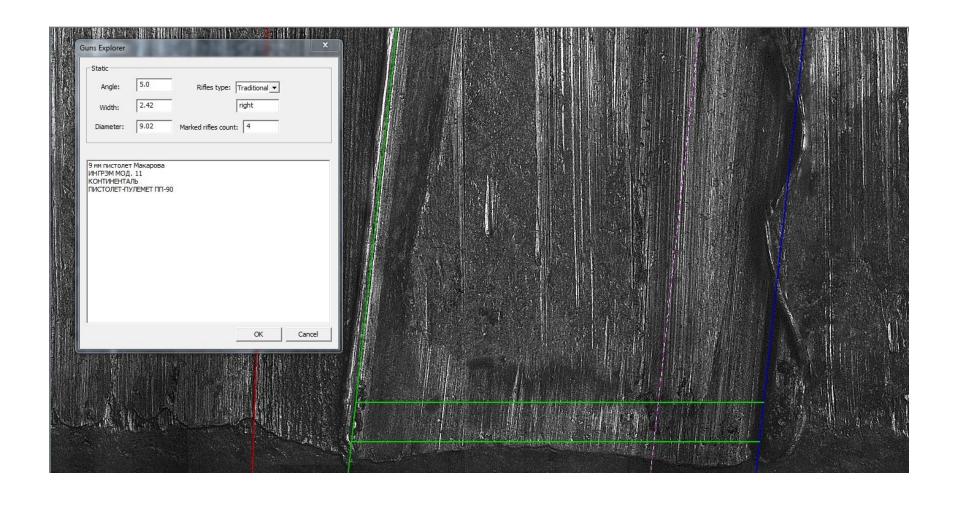


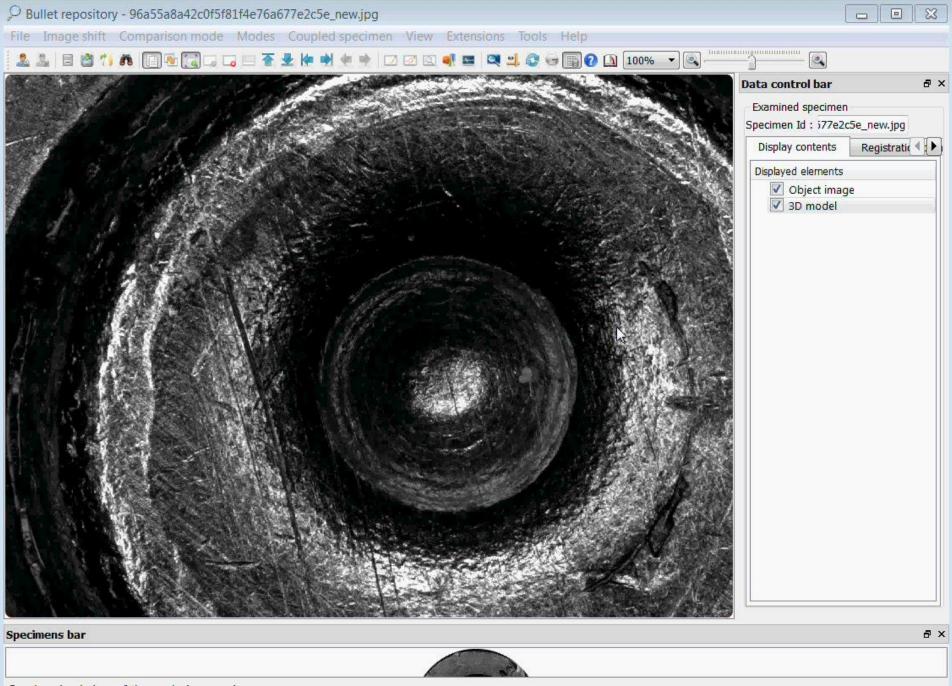


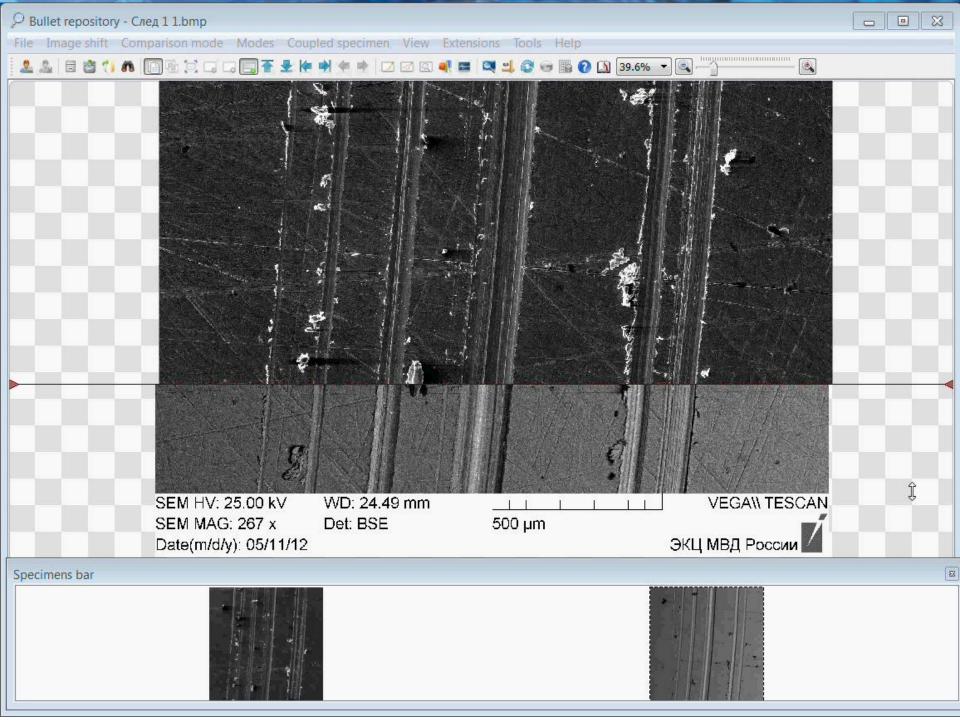


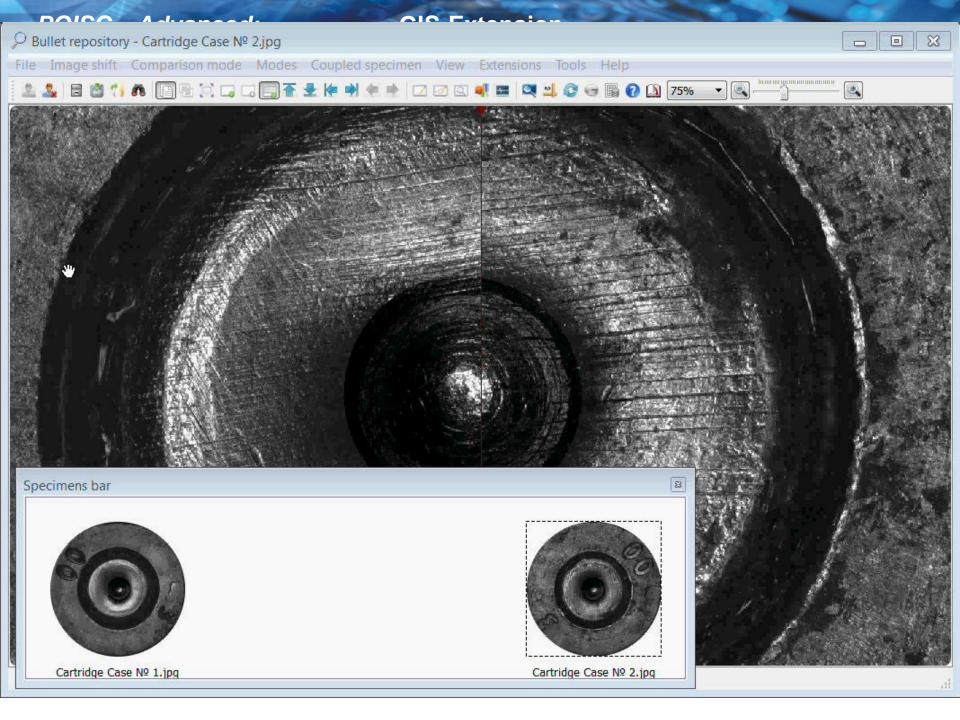


Request to «Guns Explorer»





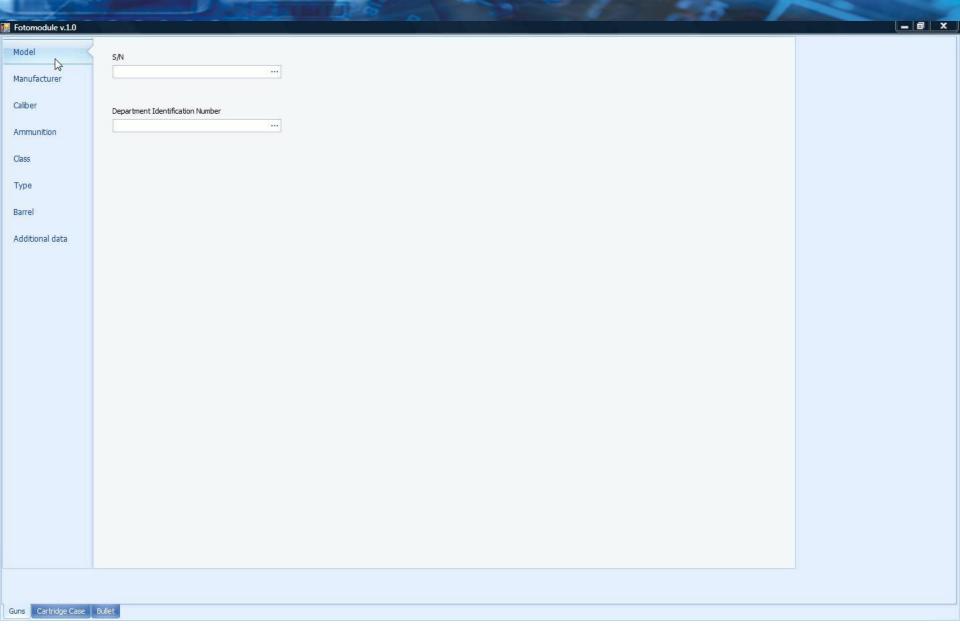




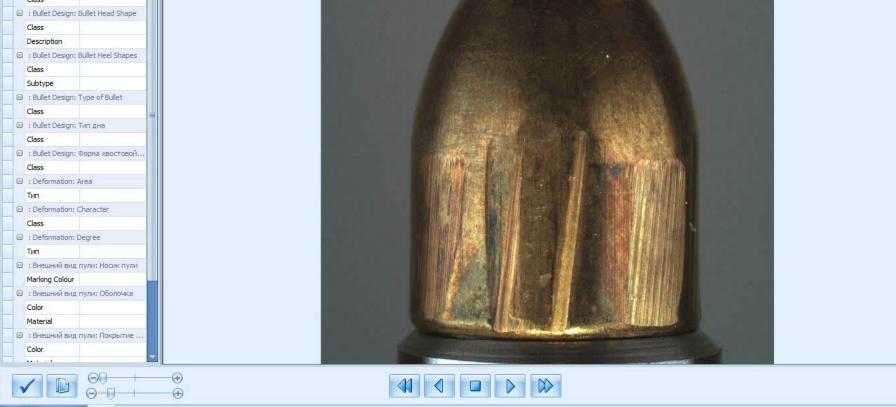
«POISC Photo-Module»



«POISC Photo-Module»: Example of Form Completion on Firearm Model



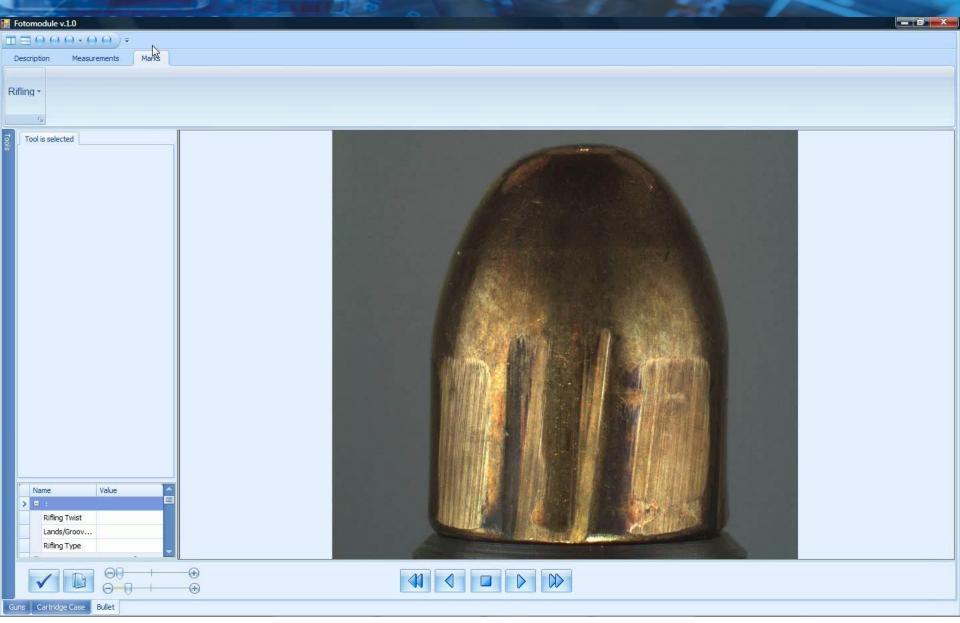
Description of Bullet «POISC Photo-Module»: _ 0 X Fotomodule v.1.0 TE000-00 = Description Measurements B Description of Bullet Appearance Bullet Design Deformation Bullet Constructor Value > 😑 : Bullet Design: Bearing portion of . : Bullet Design: Bulet Seating Meth. Class Description Subtype Class



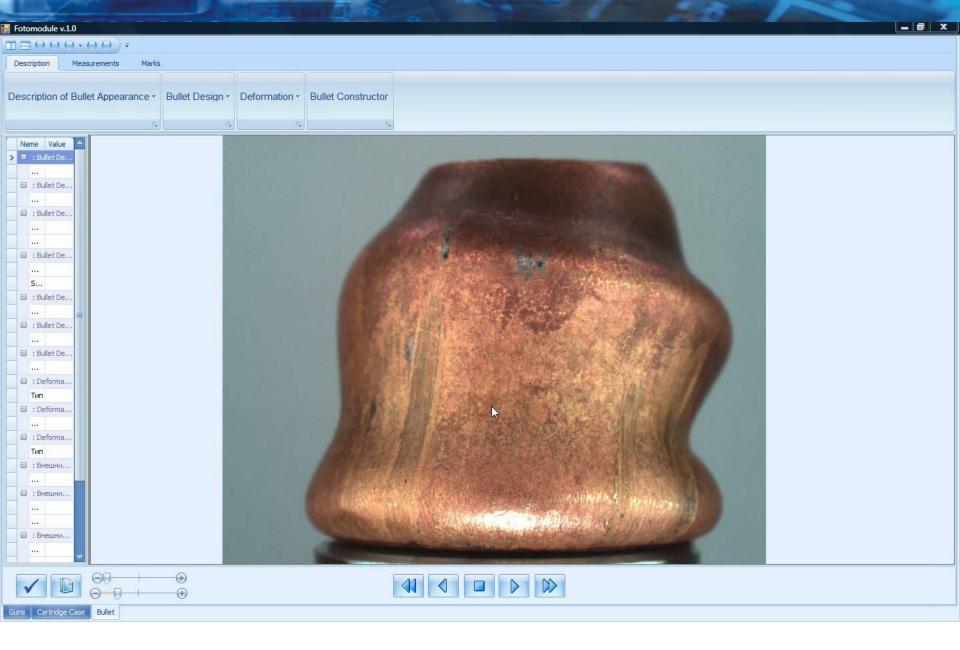


Measuring of Bullet «POISC Photo-Module»: _ 0 X Fotomodule v.1.0 TERROR - 00 = Description Measurements Tool is selected Symbols Value > 😑 : Angle of a secant ogive curve : Bevel angle of a bullet boat tail (a) : Bevel angle of a circumferential s... ☐ : Bevel angle of a nose ☐ : Bullet diameter ☐ : Cannalure width ☐ : Diameter of a blunt tip ☐: Diameter of a boat tail ☐ : Diameter of a cannelure

«POISC Photo-Module»: Measuring of Impressions



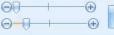
«POISC Photo-Module»: Examination of Deformed Bullets



«POISC Photo-Module»: **Mode of Compassion** Fotomodule v.1.0 TE000-00 = Description Measurements Marks B Description of Bullet Appearance + Bullet Design + Deformation + Bullet Constructor Name Value > 😑 : Bullet De. : Bullet De. : Bullet De. 😑 : Bullet De. ... S... : Bullet De. 🖹 : Bullet De. : Bullet De. ☐ : Deforma. Тип ☐ : Deforma. ☐ : Deforma... Тип 😑 : Внешни... 😑 : Внешни... ... 😑 : Внешни..

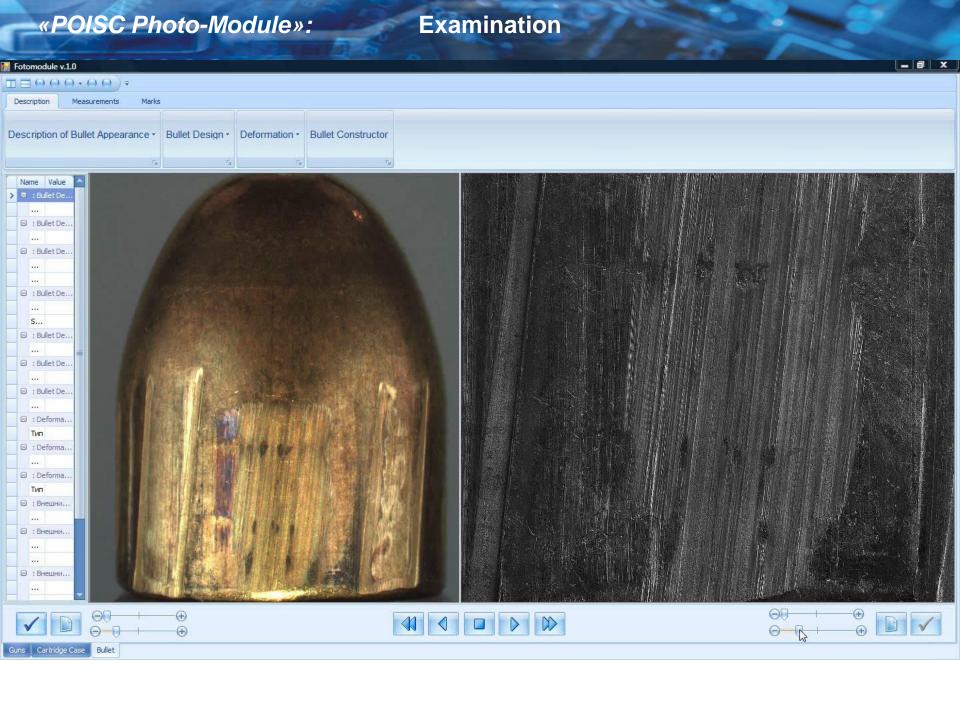




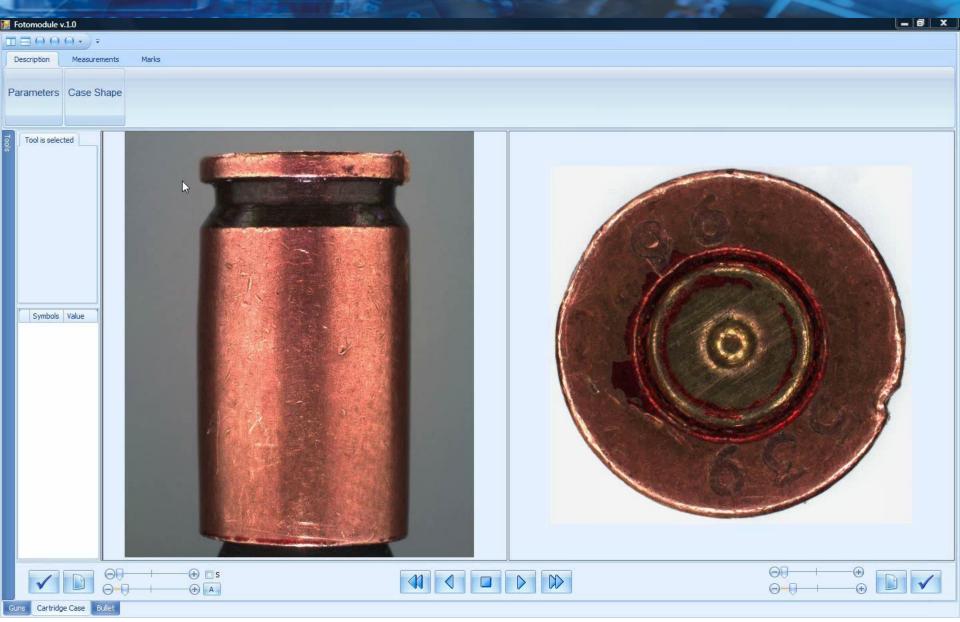








«POISC Photo-Module»: Operation with Cartridge Case



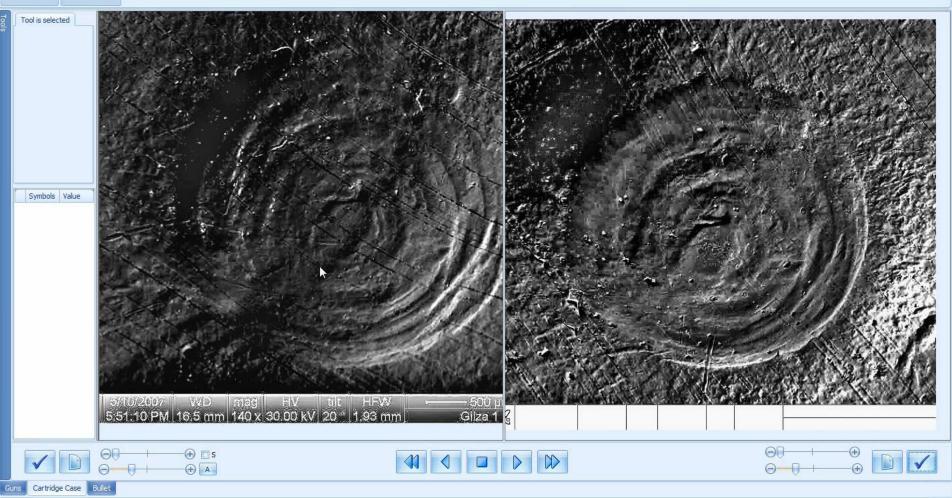
«POISC Photo-Module»: Mode of Description and Measuring

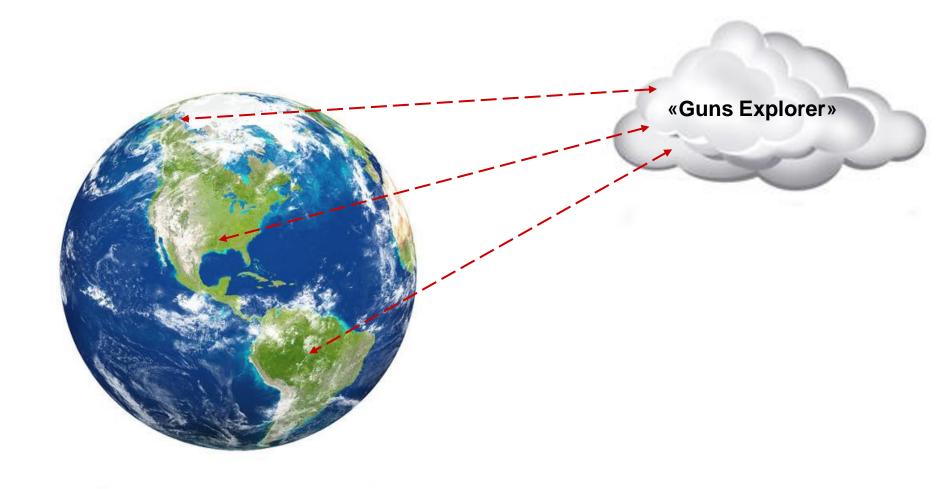


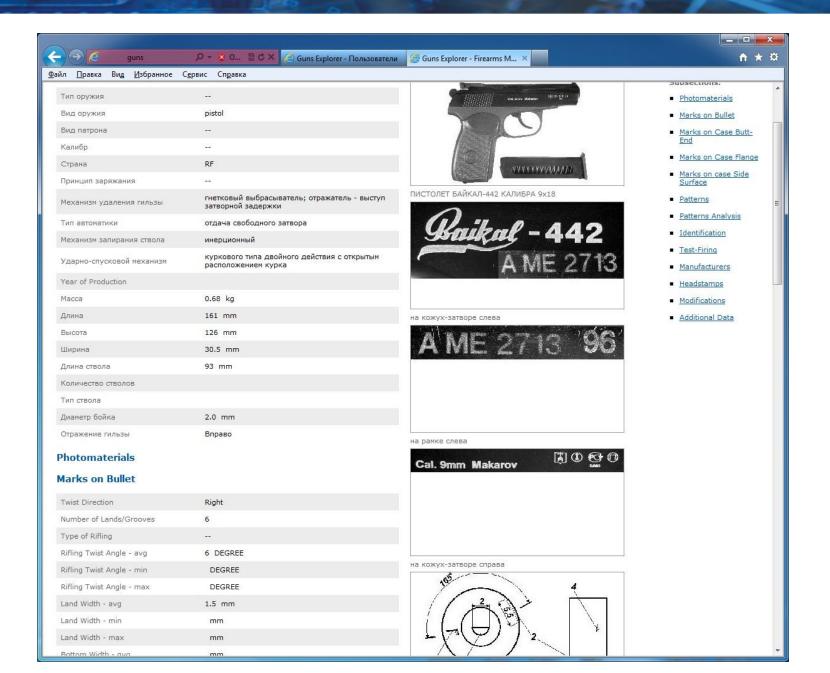
«POISC Photo-Module»: **Mode of Measuring** Fotomodule v.1.0 DB000--Marks Description Parameters Case Shape Tool is selected B Symbols Value S A

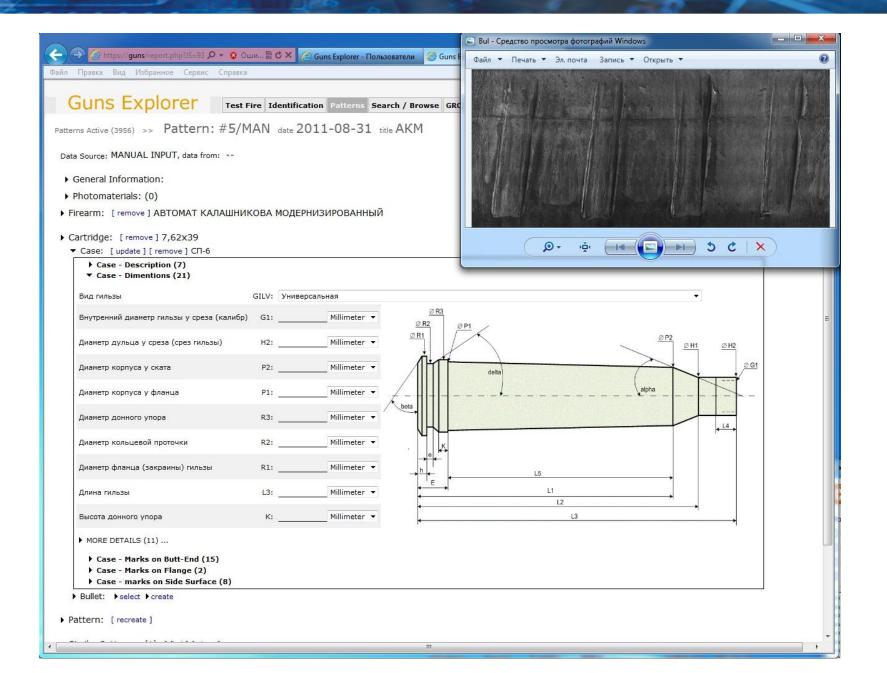
«POISC Photo-Module»: Mode of Measuring _ 0 X Fotomodule v.1.0 □□□□□•)= Marks Description Parameters Case Shape Tool is selected Symbols Value

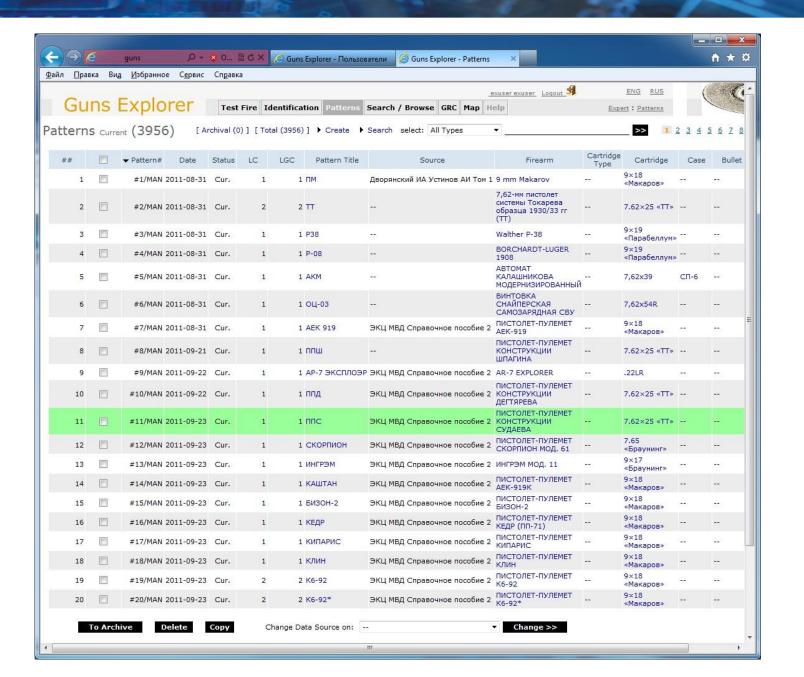
Image Obtained on Microscope «POISC Photo-Module»: _ 0 X Fotomodule v.1.0 TE (. () =) = Parameters Case Shape Symbols Value

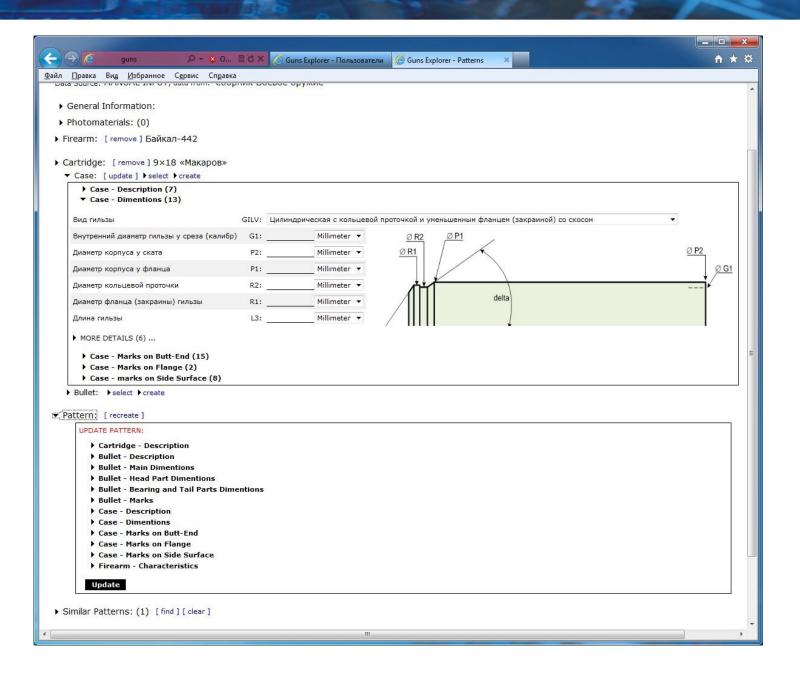


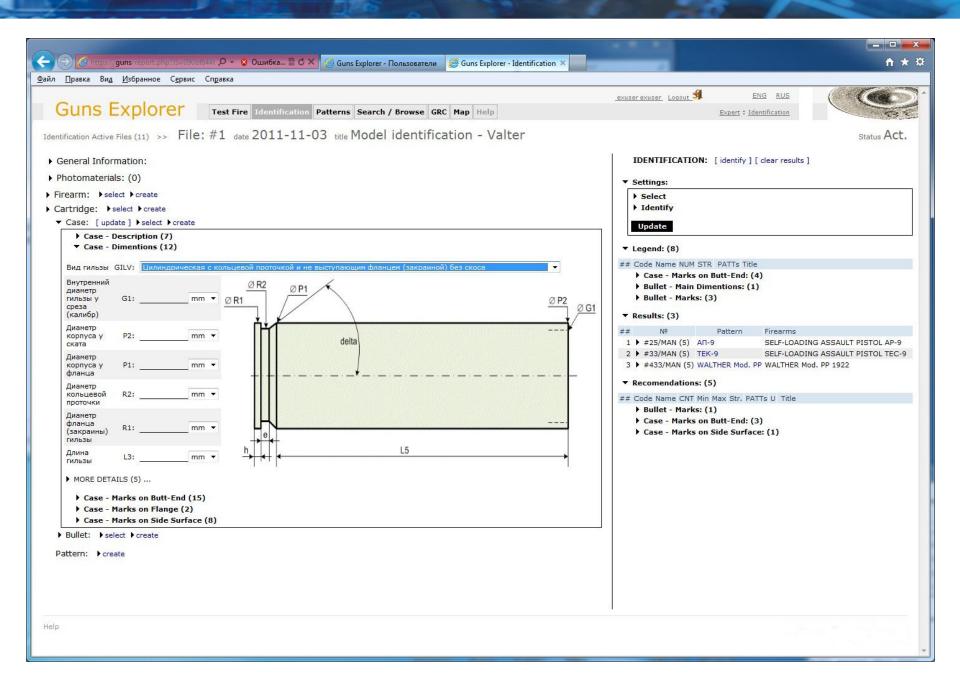




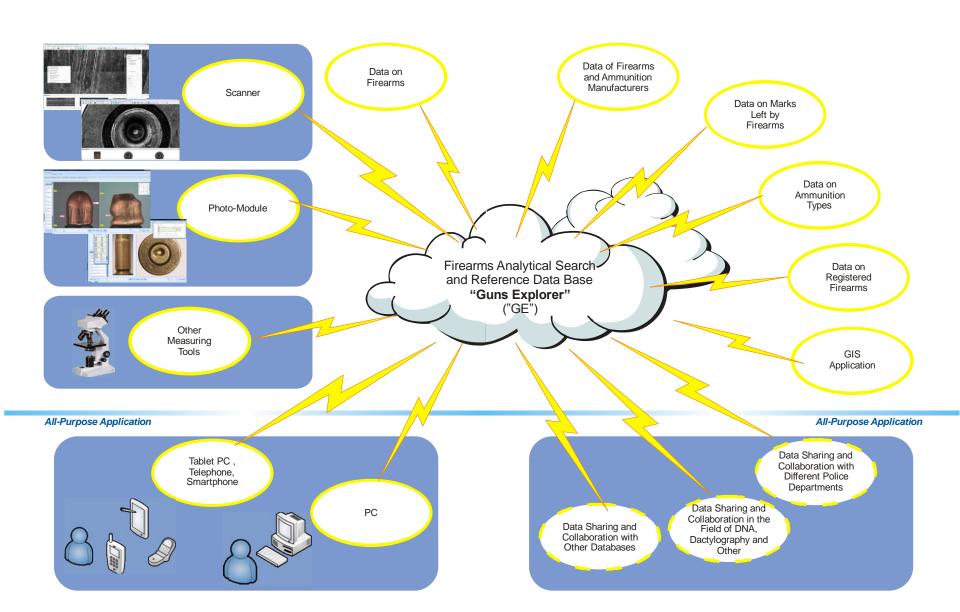








Structure of Interaction



Thank you for your kind attention!

SBC Co. Ltd.

Saint Petersburg, Russia

e-mail: com@sbc.spb.ru / stels@sbc.spb.ru

http://www.sbc.spb.ru