8th meeting of Coordinating Committee of the Struve Geodetic Arc

SAINT PETERSBURG, September 12-14, 2018
2018 IS THE ANNIVERSARY YEAR

April 15 - 225 years since the birth date of Vasily Struve

Jubilee 2 rubles silver coin dedicated to the 225 anniversary of Vasily Struve birthdate

June 22 - 235 years since the birth date of Karl Tenner

8th Meeting of Coordinating Committee of the Struve Geodetic Arc
September 12 – 14, 2018, Saint Petersburg, Russia
THE PROJECT FOR POPULARIZATION OF THE RUSSIAN SEGMENT OF THE UNESCO WORLD HERITAGE "STRUVE GEODE蒂IC ARC" ON THE TERRITORY OF THE RUSSIAN FEDERATION
In the Russian Federation there are 2 points of «Struve Geodetic Arc»: "Point Z" and «Mäkiinpäälys Point». Both of them are on Gogland Island in the Gulf of Finland, 180 km from St. Petersburg.

There are 4 points in Norway, 4 in Sweden, 6 in Finland, 3 in Estonia, 3 in Lithuania, 2 in Latvia, 1 in Moldova, 4 in Ukraine, 5 in Belarus.
SMALL BASIS IS THE PLACE FOR THE METROLOGICAL CALIBRATION OF MEASURING GEODETIC INSTRUMENTS USED ON THE STRUVE GEODETIC ARC. IT WAS CARRIED OUT ASTRONOMICAL CONNECTION OF THE CENTERS OF SMALL BASIS WITH ONE OF THE POINTS OF THE STRUVE GEODETIC ARC (DORPAT, TARTU OBSERVATORY) AS WELL.

SMALL BASIS IS LOCATED ON THE TERRITORY OF PULKovo OBSERVATORY. SMALL BASIS CENTERS ARE NOT INCLUDED IN THE STRUVE GEODETIC ARC.

PROMOTERS OF EXPEDITION

RUSSIAN GEOGRAPHICAL SOCIETY

EXPEDITION CENTER OF THE MINISTRY OF DEFENCE

ST. PETERSBURG ASSOCIATION OF GEODESY AND CARTOGRAPHY

PARTICIPANTS, TASKS AND PURPOSES

VOLUNTEERS, MEMBERS OF YOUNG ARMY, CADETS, STUDENTS OF COLLEGES AND UNIVERSITIES, SCIENTISTS, MEMBERS OF PUBLIC ORGANIZATIONS

RESEARCH OF NATURE, ECOLOGY AND HISTORY, INCLUDING GEODESIC

ELIMINATION OF CONSEQUENCES OF ANTHROPOGENIC INTERFERENCE IN THE UNIQUE NATURE OF THE ISLAND OF GOGLAND. THE PRESERVATION OF UNESCO LANDMARKS ON THE ISLAND OF HOGLAND.
PUBLISHING OF THE MATERIALS OBTAINED IN THE RESULT OF EXPEDITIONS

PUBLICATIONS OF RUSSIAN AND FOREIGN SCIENTIFIC ISSUES DEDICATED TO THE STRUVE GEODETIC ARC

QUOTES AND LINKS TO THE ORIGINAL SOURCES (THE WORKS OF VASILY STRUVE AND KARL TENNER)

POPULAR SCIENCE ARTICLES ON THE SUBJECT

DESCRIPTION OF GIFT SOUVENIR PRODUCTS MANUFACTURED BY THE STATES PARTIES TO THE COMMITTEE

PROJECT PARTICIPANTS

CURRENT MEMBERS AND VETERANS OF THE ST. PETERSBURG ASSOCIATION OF GEODESY AND CARTOGRAPHY

REPRESENTATIVES OF FEDERAL REGISTRATION SERVICE FOR ST. PETERSBURG AND THE LENINGRAD REGION

STUDENTS AND FACULTY OF SAINT PETERSBURG STATE UNIVERSITY
SAMPLES OF SOUVENIR PRODUCTS "STRUVE GEODETIC ARC"
MANUFACTURED BY THE STATES PARTIES OF THE COMMITTEE
WORK ON THE STUDY AND PROMOTION OF CULTURAL HERITAGE IN THE RUSSIAN SECTOR OF INTERNATIONAL UNESCO MEMORIAL «STRUVE GEODETIC ARC»

1. Work is being carried out on the first stage of creating an interactive project UNESCO cultural heritage site "Struve Geodetic Arc". The project participants got acquainted with the primary sources, identified the software environment where the development will be carried out and began to deal with the structure of the web service of the interactive map, which will subsequently host materials, photos and video content.

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3. Filmed historical documentary "Polar Meridian". Director – M. Malakhov, film studio – “LENDOC”

Work on the study and popularization of the Struve small basis

The initiative for the extension of the object of UNESCO World Heritage "Struve Geodetic Arc" by including of the Struve small basis located on the territory of the Pulkovo Observatory

- Topographic survey of the Struve small bases was carried out
- The photos of main figures of the bases and surrounded objects were taken for the further construction of photo and video panoramas
- The materials of the investigations will be the base for documentation and serve as a structure for future interactive map “Struve Geodetic Arc”
- Get ready to start project design of Struve small basis in case the decision to include it into the object of World Heritage inside “Struve Geodetic Arc” would be accepted

The general plan of Pulkovo Observatory with applied Struve small basis
THANKS FOR YOUR ATTENTION

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