

GEORGIAN STATE HYDROGRAPHIC SERVICE



21st Meeting of Mediterranean and Black Seas Hydrographic Commission (MBSHC)

NATIONAL REPORT OF GEORGIA

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Cadiz, Spain

1. Hydrographic Service:

General

The State Hydrographic Service of Georgia (SHSG) is a national hydrographic office established within the framework of the Ministry of Economy and Sustainable Development of Georgia.

State Hydrographic Service of Georgia is a national coordinator of the navigational warnings in Georgia. It includes a system of AIDIS to Navigation and in the territorial waters. That ensures safe navigation in Georgian jurisdiction.

Georgia is a member of International Maritime Organization (IMO) and a signatory to the Safety of Life at Sea Convention (SOLAS). In general there is awareness in Georgia on the obligations of Regulations 4 and 9 of SOLAS Chapter V, which places an obligation on contracting Governments to arrange for the collection, compilation, dissemination and maintenance of all information required for safe navigation. Therefore, Georgia is required to collect and publish Maritime Safety Information (MSI), arrange for hydrographic surveys to be undertaken, and nautical charts and publications to be compiled and published and for these documents to be maintained.

From 2015 Georgia is a full member of IHO.

From 2016 Georgia is a National member of IALA.

The main tasks of **GSHS** are as follows:

Georgian State Hydrographic Service fully provides safety of navigation in its responsibility area, in accordance with the international organizations IALA and IHO requirements.

Under Georgian jurisdiction there are about 25 540 sq. km. of maritime territory.

The total length of Georgian Coastline is about 175 km.

There are five ports in Georgian Territory, they are:

- A) Port of Batumi
- B) Port of Poti
- C) Port of Kulevi
- D) Port of Abkhazia
- E) Port of Anaklia (the port is in the construction process).

2. Surveys

2.1 Coverage of new surveys

Hydrographic Researches, Correction and Cartography Department operates in the framework of SHSG. The department carries out hydrographic surveying of port areas, channels, approaches and offshore waters for subsequent use of the findings with the aim of issuing and updating of nautical charts and informing mariners on changes in navigational circumstances.

In accordance with its Statute SHSG carries out on a regular basis hydrographic surveys in water areas of all Georgian ports (except occupied Abkhazia, where there is no access for SHSG). Hydrographic surveys have been carried out by SHSG in compliance with its Statute (Regulations for the Service).

During 2017-2018 has been updated with Multibeam bathymetry data of Georgia, their approaches and anchorage areas.

Sea ports:

Poti Sea port; Batumi Sea Port; Small port of Batumi; Supsa Port; Kulevi Port; Anaklia Port. Processing of Poti Sea Port southern mole bathymetric data; Batumi Spoil ground area; Batumi Sea Port Berths and Small Port.

During 2017 -2018 Total Surveyed area is approximately 230 sq. km.

3. New charts and updates

During 2017-2018 the whole portfolio of paper and electronic charts was updated.

SHSG has a cooperation Agreement with Turkey for co-production of the INT 3808.

Done and Published new paper charts: GE105, scale 1:100 000 and GE100, scale 1:50 000.

3.1 ENCs

10 ENCs have been planned and produced for the area of responsibility of State Hydrographic Service of Georgia, 4 of them are available through the PRIMAR.

INT NO	PROD	SCALE	MAIN TITLE	CHART LIMIT			
GE 3103300	GE	300 000	Georgian Coast Sarp to Leselidze	43°24'N	41°30.5'N	38°40'E	41°55'E
GE 410110	GE	10 000	Batumi Port with Approaches	41°37.6'N	41°42.39'N	41°36.57'E	41°41.4'E
GE 410325	GE	22 000	Poti Port with Approaches	42°00.5'N	42°12.89'N	41°33.0'E	41°45.4'E
GE 510420	GE	20 000	Kulevi Port with Approaches	42°11'N	42°18'N	41°31.4'E	41°42'E

3.1.1. ENC distribution method

Distribution Agreements with PRIMAR.

3.2 National paper charts

The following paper charts have been published. The datum in all charts is WGS84.

INT_NO	PROD	NAT_NO	SCALE 1:	MAIN_TITLE	CHART_LIMITS			
					LIMIT_S	LIMIT_N	LIMIT_W	LIMIT_E
3871	GE	GE 101	10 000	BATUMI PORT WITH APROACHES	41°37.60'N	41°42.39'N	41°36.57'E	41°41.40'E
			5 000	A- BATUMI PORT	41°38.70'N	41°39.18'N	41°38.53'E	41°39.50'E
3872	GE	GE 102	50 000	GEORGIAN COAST FROM RIVER SUPSA TO RIVER TSOROKHI	41°35.40'N	42°01.50'N	41°24.50'E	41°49.83'E
3873	GE	GE 103	25 000	POTI PORT WITH APROACHES	42°00.50'N	42°12.98'N	41°33.00'E	41°45.40'E
			10 000	A-POTI PORT	42°08.90'N	42°10.98'N	41°37.88'E	41°39.92'E
3876	GE	GE 104	20 000	KULEVI PORT WITH APROACHES	42°11.00'N	42°18.00'N	41°31.40'E	41°42.00'E
			5 000	A-PORT KULEVI	42°16.38'N	42°16.60'N	41°37.78'E	41°38.54'E
			5 000	B-CHANEL KULEVI	42°16.50'N	42°17.00'N	41°37.10'E	41°37.86'E
	GE/TR	GE 100	50 000	PORT HOPA TO RIVER CHOROKHI	42°16.50'N	42°17.00'N	42°17.00'N	42°17.00'N
---	GE	GE 11	300 000	GEORGIAN COASTLINE SARP TO LESELIDZE	41° 23.00'N	41°37.00'N	41°13.00'E	41°38.00'E
---	GE	GE 105	100 000	FROM PORT BATUMI TO RIVER ENGURI	42°28.00'N	41°37.00'N	41°57.00'E	41°10.00'E

4. New publications & updates

SHSG currently has been issued in two language (Georgian/English):

- Notices to Mariners (NtMs) are issued when necessary and periodically publish every month.
- List of Light and Aids to navigation in the waters of Georgia.
- Navigational Regime (that includes Sailing Rules in Georgian waters).

5. MSI

5.1 Existing infrastructure for transmission

SHSG is also responsible for MSI. Currently there is national NAVTEX Service in Georgia and MSI service through NAVAREAIII Coordinator for international shipping is established. Local and Coastal Warnings are disseminated via VHF Radio through voice communication.

Currently it has been established in Georgia the National NAVTEX Service on national frequencies; the establishment of international NAVTEX Service it is undergoing. However Coastal Warnings are disseminated via VHF radio.

MSI service through NAVAREA III Coordinator for international shipping is established via email. SHSG apply for B1 code to IMO NAVTEX Panel for international NAVTEX Service. Broadcasting of coastal warning in English via NAVTEX at frequencies 490 kHz.

6. C-55

2019 update as follows:

Status of hydrographic survey of all navigable waters, including internal waters, inside to the limits of the EEZ:

Survey coverage, where:

A = percentage which is adequately surveyed.

B = percentage which requires re-survey at larger scale or to modern standards.

C = percentage which has never been systematically surveyed.

	A	B	C
Depths <200m	5.5	30	60
Depths >200m	5	100	95

7. Capacity Building

During from October 2 to October 5, 2017 Engineer of state Hydrographic Service of Georgia has completed an official Teledyne training course for ENC production with Caris S-57 composer. Trainings were held in Istanbul, Turkey. Organized by international Hydrographic Organization.

During from November 27 to December 1, 2017 Cartographer of State Hydrographic Service has participated in the workshop on Technical aspects of Maritime Boundaries, which was organized by international Hydrographic Organization. Trainings were held in Istanbul, Turkey.

7.1 Domestic training

GSHS personnel did not attend any domestic training courses.

7.2 Foreign training

During July 12 to November 30 2018, Surveyor of State Hydrographic Service of Georgia has completed practical and theoretical requirements for the S-5 Cat. B Hydrographic Survey program recognized by the FIG/IHO/ICA International Board on standards of competence for hydrographic Surveyors and Nautical cartographers TRDC Hydrographic Survey.

During September 19 to 27, 2017 Director of the SHSG has completed the fellowship program on training for ocean observation and Hydrographic Surveying (Policy-manager) organized by the Korea International cooperation Agency and the Korea Hydrographic Agency under the International Cooperation program of the government of Korea.

On November 30, 2018 Director of SHSG Mr. Revaz Babilua has completed a course in accordance with the IALA approved training program required for an Aton Manager.

7.3 Status of national, bilateral, multilateral or regional development projects with hydrographic component

Memorandum of understanding between the Korea Hydrographic and Oceanographic Agency (KHOA) and the State hydrographic Service of Georgia, in the field of hydrographic Survey and Cartography.

Memorandum of understanding between the Ministry of National Defence of Romania and Ministry of Economy of Georgia concerning cooperation in the fields of hydrography, oceanography and cartography.

Memorandum of understanding (MOU) between the Directorate General of Lighthouses and Lightships (DGLL), Ministry of Shipping, Government of the Republic of India and The Director of LEPL State Hydrographic Service of Georgia, Government of Georgia.

8. Activities

Participation in IHO Working Groups.

During 2017-2018 SHSG take part in activities conducted by MBSH, BSWG and hosted IHO CB Technical experts visit in Georgia.

9. Conclusions

State hydrographic Service of Georgia is the national hydrographic office established and regulated in the framework of Ministry of Economy and Sustainable development of Georgia.

The main goal of the service is ensuring safe navigation in the maritime responsibility zone of Georgia which is fulfilled by teamwork of different divisions.

Division of Hydrographic Survey, Cartography and correction performs hydrographic and geodesic survey in accordance with IHO standards, produces and distributes paper and electronic navigational charts.

SHSG is not allowed to carry hydrographic Survey at the territory of Abkhazia due to the conflict and in accordance with Georgian Law on occupied territories.

Division of Technical Service and monitoring of navigational marks provides maintenance and inspection of floating and landmark stations, provide their control through GPS monitoring system, operates and modernizes lighthouses of Georgia. Provides development of ATON systems in conformity with the IALA requirements.