

Mediterranean and Black Seas Hydrographic Commission
(MBSHC)

STATE HYDROGRAPHIC SERVICE OF GEORGIA



NATIONAL REPORT

20th Meeting of Mediterranean and Black Seas Hydrographic Commission
(MBSHC)

Herceg Novi / Montenegro 4-6 July 2017



NATIONAL REPORT OF GEORGIA

For Mediterranean and Black Seas Hydrographic Commission (MBSHC)

Hydrographic Office / Service:

JULY 2017

“State Hydrographic Service of Georgia” is a national coordinator of the navigation warnings in Georgia. It includes a system of AIDS to Navigation (navigational equipment, flashing and non-flashing navigational marks) located on the coastline. That ensures safe navigation in Georgian jurisdiction.

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

From 2015 Georgia is a full member of IHO.

From 2016 Georgia is a National member of IALA.

1. The Georgian State Hydrographic Service consists of four main Departments:

a) Functions of the Department of Monitoring and Technical Service of navigational marks:

The function of the department is the monitoring and technical service of the floating navigational marks and lighthouses on the ports and the coastal strip of Georgia. Also, equipping the new ports and channels with the appropriate navigational marks with the remote monitoring system for safety of navigation.

b) Functions of the Department of Hydrographic research, correction and cartography:

The function of the department is to hold the bathymetrical surveys, collecting the bathymetric data in ports and observation of the sea depth in the territorial waters of Georgia. As well, making geodesic researches of the Ports and nearby areas for composing and producing of navigational paper and electronic charts.

c) Function of the Synoptic Department:

The function of the Synoptic department is the regular monitoring of weather by local and other meteorological stations and weather forecasting to the vessels and port authorities. As well producing and manufacturing of database and archiving it.

d) Function of the department of NAVTEX.

The functions of the NAVTEX department are to send different telex messages with national 490 kHz. Frequency and providing information to sailors and appropriate services regarding changes (closing of marine areas, warnings, prohibitions etc.). As well, we plan in the nearest future to send the telex messages with international 518 kHz. Frequency.

**VHF DSC, List of Coast Station for Sea Area A1
NAVAREA III**

COUNTRY	MMSI	Position	Range (n. miles)	Status (Associated RCCs)
GEORGIA Batumi MRCC	002130100	41°39'N 041°39'E	30	Operational (State MRCC Georgia)
Batumi Harbor Master Office	002130200	41°39'N 041°39' E	25	Operational (RSC Batumi)
Poti Harbor Master Office	002130300	42°09'N 041°39' E	25	Operational (RSC Poti)
Kulevi Harbor Master Office	002130400	42°16'N 041°38' E	25	Operational (RSC Kulevi)

TIME UT (GMT)	WEATHER BULLETINS	NAVIGATIONAL WARNINGS
01:00	✓	✓
05:00	✓	✓
09:00	✓	✓
13:00	✓	✓
17:00	✓	✓
21:00	✓	✓

Maritime Safety Information (MSI)
NAVAREA III
National Coordinators

COUNTRY	TELEPHONE	FACSIMILE	E-MAIL	OTHER
GEORGIA	+995 0493 278405	+995 0493221772	info@hydrography.ge	-

Station coordinates, Latitude, Longitude 42°07.974'N 41°39.660' E, Radius of the action 250 nautical miles.

2. Existent and new technologies and equipment:

Survey Ships:

- **Hydrographic Vessel for Maintenance and Engineering Processes (DHK-81 Hydrographer, 28m.)**



- **Survey Catamaran for Hydrographic Researches, Equipped with Multibeam Echosounder (GAGRA SURVEY, 9m.)**



- **Moto Navy HONDA BF40D (PSOU 4.55m.)**



- **NAVTEX STATION**



3. Service is equipped with:

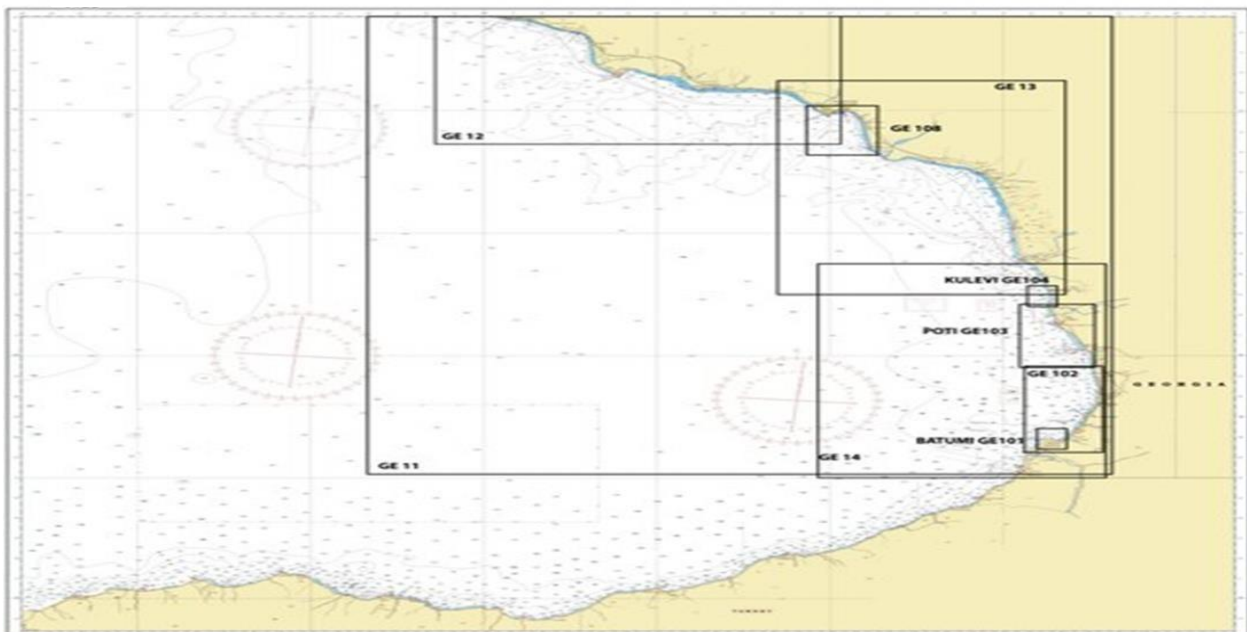
- a) *GPS-Hemisphere R-110 Base-Rover*
- b) *GPS-Trimble Base-Rover (RTK)*
- c) *Side-scan sonar SSS 100K/600K*
- d) *Single-Beam Echosounder Odom MK-III*
- e) *Multibeam Echosounder Reason Seabat 7125*
- f) *Tachometer GEB222*
- g) *Leica Viva GNSS GS08 plus Receiver*
- h) *Leica Viva TS11*

4. Programs:

- a) *D-kart Editor*
- b) *D-kart Publisher*
- c) *D-kart Inspector*
- d) *D-kart Archive*
- e) *Hypack*
- f) *PDS-2000*
- g) *Arc GIS*

5. New Charts & Updates:

a) National Paper Charts:

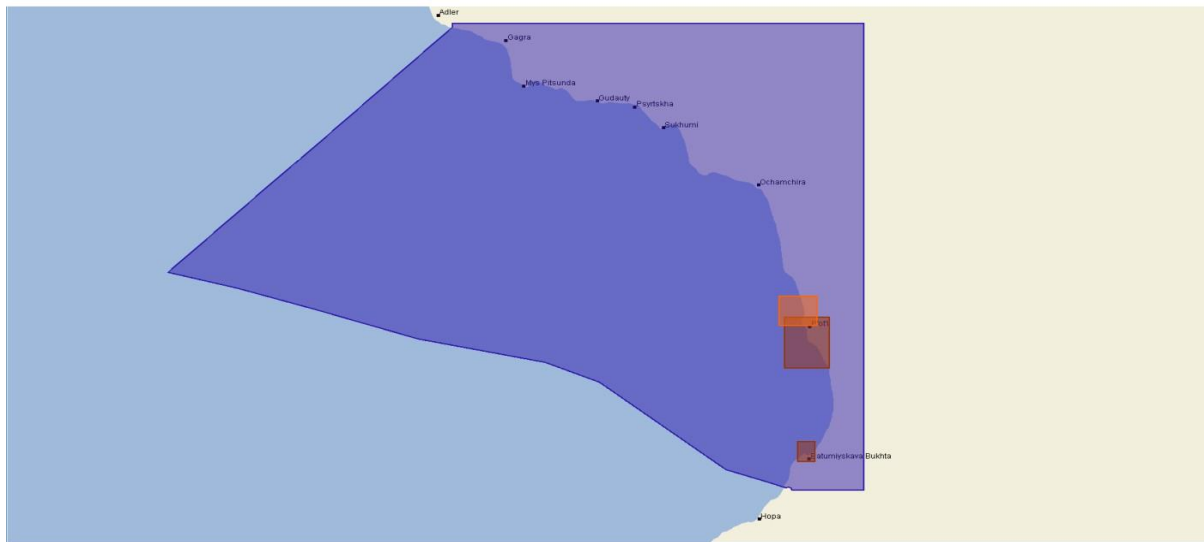


Paper Chart Catalogue

INT_NO	PROD	NAT_NO	SCALE 1:	MAIN_TITLE	CHART_LIMITS			
3871	GE	GE 101	10000	Batumi Port with Approaches	41°37.6'N	41°42.39'N	41°36.57'E	41°41.4'E
3871A	GE	GE 101A	5000	A-Batumi Port	41°38.7'N	41°39.18'N	41°38.53'E	41°39.5'E
3873	GE	GE 103	25000	Poti Port with Approaches	42°00.5'N	42°12.98'N	41°33.0'E	41°45.4'E
3873A	GE	GE 103A	10000	A-Poti Port	42°08.9'N	42°10.98'N	41°37.88'E	41°39.92'E
3875	GE	GE 108	25000	Sokhumi Port with Approaches	42°54'N	43°01'N	40°53.6'E	41°05.9'E
3875A	GE	GE 108A	10000	A-Sokhumi Port	43°58.3'N	43°00.3'N	40°58.2'E	41°03.1'E
3876	GE	GE 104	20000	Kulevi Port with Approaches	42°11'N	42°18'N	41°31.4'E	41°42'E
3876 A	GE	GE 104A	5000	A-Port Kulevi	42°16.38'N	42°16.8'N	41°37.78'E	41°38.54.E
3876 B	GE	GE 104B	5000	B-Chanel Kulevi	42°16.5'N	42°17.0'N	41°37.1'E	41°37.86'E
3872	GE	GE 102	50000	Georgian Coast, From River Supsa to River Tsorokhi	41°35.4'N	42°01.5'N	41°24.5'E	41°49.83'E
	GE	GE 11	300000	Georgian Coast Line Sarp to Leselidze	43°24'N	41°30.5'N	38°40'E	41°55'E
3808	GE/TR	GE 10	300000	Port Ochamchira to Port Tirebolia	40°52.0'N	42°48.0'N	038°40.0' E	042°10.0' E

b) ENCs:

10 ENC's have been planned and produced for the area of responsibility of State Hydrographic Service of Georgia, 4 of them are available through the PRIMAR:



Available ENC's

INT NO	PROD	SCALE	MAIN Title	Chart Limits			
GE 3103300	GE	300 000	Georgian Coast Sarp to Leselidze	43°24'N	41°30.5'N	38°40'E	41°55'E
GE410110	GE	10 000	Batumi Port with Approaches	41°37.6'N	41°42.39'N	41°36.57'E	41°41.4'E
GE410325	GE	22 000	Poti Port with Approaches	4200.5'N	4212.89'N	4133.0'E	4145.4'E
GE510420	GE	20 000	Kulevi Port with Approaches	42°11'N	42°18'N	41°31.4'E	41°42'E

6. Staff Trainings and Capacity Building:

- *Two employees of Hydrographic Survey, Cartography and Correction Department took training Courses in the "Intellect Center" in Maritime Navigational field of Cartography for the upgrading of the qualification, in Tbilisi.*
- *Two employees of the Hydrographic Survey, Cartography and Correction Department took training Courses in ARC GIS in Tbilisi, in Consulting Center "Geographic."*
- *Two employees of the Hydrographic Survey, Cartography and Correction Department took training Courses in D-kart Editor and D-kart Publisher about programs, Training Center in Norway "JEPPERSEN NORWAY".*
- *One employee of the Hydrographic Survey, Cartography and Correction Department attended IMO-IHO Regional Training in Hydrographic Service and Hydrographic Governance (Constanta-Romania, November 2014)*
- *Four employees of the NAVTEX STATION staff took the training of restricted operator for GMDSS (ROC) course in Romania at 2015.*
- *One employee Department of Monitoring and Technical Service of Navigational Marks took training course in China MSA IALA.*
- *One employee of the Hydrographic Survey, Cartography and Correction Department took training 8th course in Hydrographic Data Processing and Marine Cartography (Category B).*
- *One employee of the NAVTEX STATION staff took the course of IHO-MSI. The training course took place in Istanbul / Turkey.*
- *11 employees of the Synoptic Department took training course in Hydrometeorology and became the specialists certified by Scientific Research Group of the State Ecology University of Ukraine.*

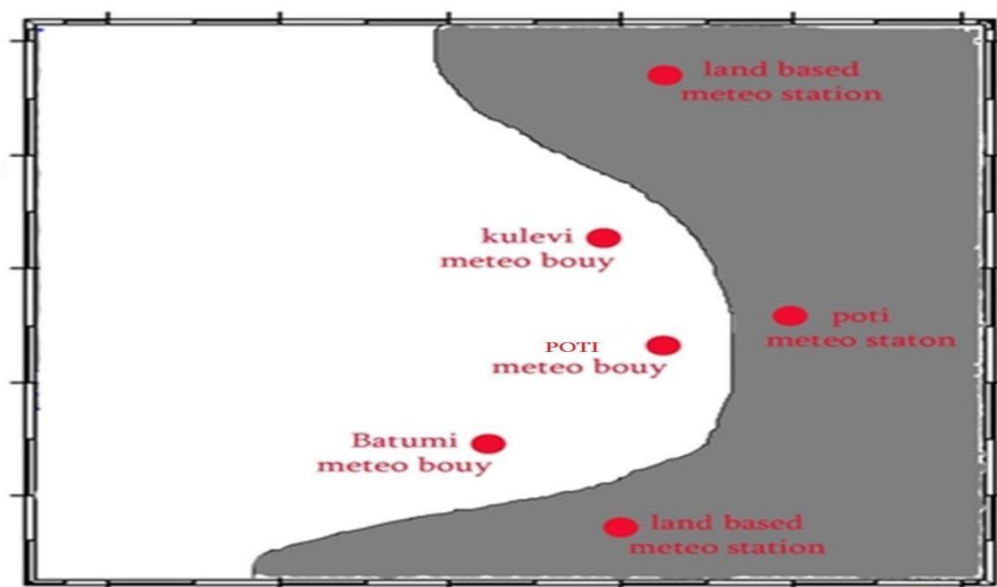
7. Publications with paper Form.

New Publications:

<i>Type</i>	<i>Title</i>
<i>NP</i>	<i>Navigation Regime</i>
<i>NP</i>	<i>Notices to Mariners</i>

8. Supply with Meteorological Data

State Hydrographic Service of Georgia has improved meteorological data mining, a new Meteo buoy has installed in the Port of Batumi, Port of Poti and Kulevi Port. Land-based weather station has been installed in Port of Batumi, Port of Poti and in Anaklia. Weather forecast and current Meteorological data normally is transferred four times a day, but in special cases as many times as required.



Notifications also are extending by means to the coordinator of NAVARIA III.

9. Other activities:

GSHS was participating in the following IHO events since 10th BASWG meetings:

- *17th MBSHC Conference.*
- *18th MBSHC Conference.*
- *19th MBSHC Conference. (IRCC – International Regional Coordination Committee).*
- *10th BASWG Conference.*
- *11th BASWG Conference.*
- *12th BASWG Conference.*
- *13th BASWG Conference.*
- *17th Conference of the International Hydrographic Bureau.*
- *18th Conference of the International Hydrographic Organization.*
- *5th EIHC, Monaco.*
- *IALA Diplomatic Conference.*
- *1st Session of the IHO Assembly, Monaco.*

10. Future Plans:

- *Tide Gauge (Mareograph)*
- *Multibeam Echo sounder, Seabat T-50.*
- *Big Hydrographic Vessel*
- *Training courses*
- *Publish new charts*