

**National Report to the Baltic Sea Hydrographic Commission
POLAND**

Executive summary

1. Hydrographic Office / Service:
AS In the IHO Yearbook

2. Surveys:

Coverage of new surveys:

Gulf of Gdansk

HELCOM Routes – Route DWP-02, DWP-03

New technologies and /or equipment: NONE

New ships: NONE

Problems encountered: NONE

3. New charts & updates:

ENCs:

45 cells in official service. The ENCs are systematically updated.

One new cell is being compiled.

ENC Distribution method: through Primar-Stavanger.

RNCs:

Not produced

INT charts updates:

2005: 1289, 1290, 1297

2006: 1296, 1298, 1299

2007: 1288

National paper charts:

Updates:

2005: 71, 261, 262, 263, 499;

2006: 39, 41, 65, 75, 81;

2007: 63, 64, 68, 69, 128, 155, 156;

New charts:

2006: 495, 496, 497;

2007: 301 (replacing 253 & 254), 1501 (general).

Other charts including pleasure craft charts:

2005 & 2006: 3020, 3021, 3022 (in co-operation with BSH)

Problems encountered: NONE

4 New publications & updates:

New Publications:

Supplement № 3 to the Polish Sailing Directions – Coast of Poland, Ed. 2006,

Hydrographic Revue, Ed. 2006, 2007,

List of Radio Signals № 532, Ed. 2005;

Updated publications:

List of Lights № 521, Ed. 2006

List of Lights № 522, Ed. 2006

List of Lights № 523, Ed. 2005

List of Radio Signals № 531, Ed. 2005

Promulgation of Marine Safety Information in the Polish Area of Responsibility № 541,
Ed. 2006

Catalogue of Charts and Nautical Publications № 552, Ed. 2007

Notices to Mariners – weekly edition

Means of delivery: paper

Problems encountered: NONE

5. MSI

Existing broadcasting infrastructure: Coast Radio Stations (MF and VHF)

New infrastructure meeting the GMDSS requirements: None – NAVTEX messages promulgated through the Baltic Coordinator - Subarea NAVAREA I

Master Plan: see Annex 8

Problems encountered: none

6. S-55

Latest update - see Tables (Annex 1-7)

7. Capacity Building

It is envisaged that in the next few years, a concept of a National System of the Marine Geospatial Information will be developed.

8. Oceanographic activities

General – The Maritime Branch of the Institute of Meteorology and Water Management of Gdynia is the organization responsible for oceanographic activities. Digital forecast of water temperature, salinity, currents, sea level, and ice for the Southern Baltic are based on the HIROMB model.

GEBCO/IBC's activities:

Tide gauges network - two automated stations measuring water level were deployed in Ustka and Gdansk in November 2004 within the framework of the EU funded PAPA Project.

New equipment - a new Ship-of-Opportunity (SOOP) equipment was installed onboard Stena Nordica ferry plying the Gdynia and Karlskrona route. Funded by the Baltic Sea Regional Project (BSRP), the equipment measures water temperature, salinity, oxygen, fluorescence, and can collect samples of water for further analysis.

Problems encountered: NONE

9. Other activities

Participation in IHO Working Groups

BSHC and working groups created within the Commission (Monitoring Group, Group for the Seawater Level, BSICC)

PRIMAR-Stavanger – PSAC and the Technical Experts Working Group

IMO – NAV Subcommittee

Meteorological data collection – The Maritime Branch of the Institute of Meteorology and Water Management of Gdynia is the organization responsible for weather forecast covering five areas of the Baltic Sea: western, southern, southeastern, central, and northern. The Institute maintains a network of weather stations along the Polish coast and collects data captured during meteorological measurements taken by commercial and research vessels.

Geospatial studies – In the immediate years, it is planned that a concept of a National System of the Marine Geospatial Information will be developed.

Environmental protection – The Maritime Branch of the Institute of Meteorology and Water Management of Gdynia is the organization responsible for the environmental monitoring along the Polish area of the Baltic Sea (HELCOM Combine).

Astronomical observations – NONE

Magnetic/Gravity surveys – NONE

International etc.

10. Conclusions

**Annex 1
Basic Data**

Maritime Nation/Area	Nation or Area Code	Region ID	Nation or Area (N or A)	EEZ (sq km x 1000)	Length of Coastline (km)	Data for S-55 Edition No.	Latest Update	IHO Member State
Poland	PL	EU	N	33.2	524.0	1	Apr-07	Y

**Annex 2
Hydrographic Resources**

Maritime Nation/Area	Hydrographic Surveying Vessels				Hydr. Staff		Positioning Methods		
	> 100 m	50 m ... 100 m	25 m ... 50 m	< 25 m	Specialists	Assistants	Long > 40 km	Medium 5-40 km	Short Range
Poland		2		6	14	12	DGPS	DGPS,	DGPS RTK

**Annex 3
Status of Hydrographic Surveys**

Maritime Nation/Area	Data Y/N?	State of Hydrography d<50m			State of Hydrography 50m<d<200m			State of Hydrography d>200m		
		% adequate	% resurveyed	% unsurveyed	% adequate	% resurveyed	% unsurveyed	% adequate	% resurveyed	% unsurveyed
Poland	Y	50	50	0	30	70	0	0	0	0

**Annex 4
Cartographic Resources**

Maritime Nation/Area	Cartographic staff			Chart printed how?			Converting	Max. sheet
	Cartographers	Draft persons	Printers	B and W	Colour	Other	To A0 (Y/N)	Size (mm x mm)
Poland	4	5	0		X		Y	1100 x 770

**Annex 5
Charts**

Maritime Nation/Area	Chart Publisher	<300,000 Schemed	<300,000 Published	101,000... 300,000 Schemed	101,000... 300,000 Published	25,000... 100,000 Schemed	25,000... 100,000 Published	> 25,000 Schemed	>25,000 Published	Others
Poland		1	7	1	23		19		4	

**Annex 6
Nautical Publication**

Maritime Nation/Area	Charts	Catalogue	NtM	Nav Warn.	Sail. Dir.	Lists of Lights	Radio Signals	Sym. and Abbr.	Tide Tables	Other
	Y/N?	Y/N?	Y/N?	Y/N?	Y/N?	Y/N?	Y/N?	Y/N?	Y/N?	Y/N?
Poland	Y	Y	Y	Y	Y	Y	Y	Y	N	Y

**Annex 7
Total**

Maritime Nation/Area	Total Charts		Total Cart Staff	Total Hydr Staff	Vessel Capacity Indicator	Sum Naut Publ	Hydrogr Rating	Cartogr Rating	Combined Rating
	Schemed	Published							
Poland	2	53	10	26	75	8	2,5	2,9	5,4

**ANNEX 8
GMDSS / Master Plan - Poland**

NAV/ MAT Area	Country	VHF DSC Coast Station A1								RCC Associated
		Type	Name	MMSI	Position	Range (NM)	Status of implementation	Purpose (SD/PS)	Watch hours on CH 70	
I	Poland	Main	Witowo Radio	002610210	54°32,29'N 016°32,12'E	-	Operational	SD	24hrs	MRCC Gdynia
		Monitor	Świnoujście		53°55,02'N 014°15,29'E	20				
			Grzywacz		53°57,13'N 014°30,10'E	35				
			Kolowo		53°20,03'N 014°40,37'E	40				
			Kołobrzeg		54°10,33'N 015°33,26'E	25				
			Barzowice		54°28,25'N 016°30,19'E	30				
			Rowokół		54°39,22'N 017°12,42'E	35				
			Rozewie		54°49,52'N 018°20,02'E	25				
			Gdynia Okseywie		54°32,50'N 018°32,10'E	30				
			Krynica Morska		54°24,16'N 019°30,30'E	20				
			MF DSC Coast Station A2							
		Type	Name	MMSI	Position	Power (kW)	Status of implementation	Purpose (SD/PS)	Watch hours on 2187,5 kHz	
		Main	Witowo Radio	002610210	54°32,29'N 016°32,12'E	1	Operational	SD	24hrs	

