

**Year of 2008.**  
**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 – Traffic Separation Scheme Slupska Bank

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.

ENC Distribution method: through Primar-Stavanger.

RNCs:

Not produced

INT charts updates:

2005: 1289, 1290, 1297;

2006: 1296, 1298, 1299;

2007: 1288;

2008: 1288, 1021.

National paper charts:

Updates:

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

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

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

2008: 67, 113, 127, 255, 256, 257, 258, 259, 269, 270.

New charts:

2006: 495, 496, 497;

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

2008: NONE.

Other charts including pleasure craft charts:

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

2007 & 2008: 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, 2008

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. 2007

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

Symbols, Abbreviations, Terms used on charts № 551 (INT 1), 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)

IHO S-55: Poland		Updated		28 June 2007		INT Region		E	
Status of Hydrographic Surveys						A1/A2 = % adequately surveyed 0-200m / >200m B1/B2 = % requiring re-survey at larger scale or to modern standards 0-200m / >200m C1/C2 = % which has never been systematically surveyed 0-200m / >200m			
A1	A2	B1	B2	C1	C2	Comment			
40		60		0		1. Contributes to the HELCOM harmonised re-survey programme. 2. Bottom sediment shifts in the maintained fairways.			
Status of Nautical Charting						A = % covered by INT Charts, B = % covered by RNC, C = % covered by ENC			
Offshore passage/Small		Landfall Coastal passage/Medium		Approaches Ports/Large		Comment			
A	B	C	A	B	C	A	B	C	
100	0	100	100	0	100	100	0	100	
Status of Maritime Safety Information									
Local Warning			Coastal Warning			Port Information		NAVAREA Warning	
YES			YES			YES		YES Through Navarea 1 Baltic Sea Sub-area Coordinator	
Master Plan		Area A1		Area A2		Area A3		NAVTEX	
YES		YES		YES		NO		YES Through Baltic Sea Sub-area Coordinator	
						SafetyNET			
						NO			

## 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 are published routinely on the web page of Department of Oceanography and Baltic Monitoring of IMWM MB.

GEBCO/IBC's activities:

Tide gauges network – the data from four automated stations measuring sea level in Ustka, Gdansk, Wladyslawowo and Darlowo are transmitted routinely to IMWM's data base and are presented at the web page of IMWM. The data from other coastal stations are collected manually.

New equipment – a new Ship-of-Opportunity (SOOP) equipment has been installed and implemented into routine operation onboard Stena Nordica ferry plying the Gdynia and Karlskrona route. The equipment measures continuously water temperature, salinity, oxygen concentration and saturation, fluorescence at 2 m depth and collects samples of water for further analysis of nutrients and chlorophyll at selected 6 locations along cruise route.

Problems encountered: - some problems with data transmission from automated sea level stations occurred due to technical reasons.

## 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 marine environmental monitoring of the Polish Exclusive Economical Zone of the Baltic Sea in accordance with HELCOM Combine.

The Regional Inspectorates for Environmental Protection are responsible for environmental monitoring within 1 NM zone along Polish coastal zone in accordance with Water Framework Directive of EP.

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	Aug-08	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		5	14	12	DGPS	DGPS,	DGPS RTK

**Annex 3  
Status of Hydrographic Surveys**

Maritime Nation/Area	Data	State of Hydrography d<50m			State of Hydrography 50m<d<200m			State of Hydrography d>200m		
	Y/N?	% adequate	% resurvey	% unsurveyed	% adequate	% resurvey	% unsurveyed	% adequate	% resurvey	% 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	5	4	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	8	4	21	1	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	6	52	9	26	212,5	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 Oksywie		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	

