



NATURA 2000 - STANDARD DATA FORM

For Special Protection Areas (SPA),
Proposed Sites for Community Importance (pSCI),
Sites of Community Importance (SCI) and
for Special Areas of Conservation (SAC)

SITE **BG0001502**
SITENAME **Otmanli**

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1. SITE IDENTIFICATION

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1.1 Type B	1.2 Site code BG0001502
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1.3 Site name

Otmanli

1.4 First Compilation date 2012-07	1.5 Update date 2015-07
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1.6 Respondent:

Name/Organisation:	Ministry of Environment and Water, "National Nature Protection Service" Directorate
Address:	Sofia Maria Luiza Blvd. 22 1000 Sofia
Email:	r.dimova@moew.government.bg

Date site proposed as SCI:	2013-11
Date site confirmed as SCI:	No data
Date site designated as SAC:	No data
National legal reference of SAC designation:	No data

Explanation(s):	Adopted by Council of Ministers Decision No. 660/01.11.2013 (promulgated SG 97/2013).
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2. SITE LOCATION

2.1 Site-centre location [decimal degrees]:

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Longitude

27.5287

Latitude

42.4418

2.2 Area [ha]:

8.83

2.3 Marine area [%]

100.0

2.4 Sitelength [km]:

0.0

2.5 Administrative region code and name

NUTS level 2 code
Region Name

BGZZ	Extra-Regio
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2.6 Biogeographical Region(s)

Marine (100.0
Black Sea %)

3. ECOLOGICAL INFORMATION

3.1 Habitat types present on the site and assessment for them

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Annex I Habitat types						Site assessment			
Code	PF	NP	Cover [ha]	Cave [number]	Data quality	A B C D	A B C		
						Representativity	Relative Surface	Conservation	Global
1110B			8.83		G	A	B	C	C

PF: for the habitat types that can have a non-priority as well as a priority form (6210, 7130, 9430) enter "X" in the column PF to indicate the priority form.

NP: in case that a habitat type no longer exists in the site enter: x (optional)

Cover: decimal values can be entered

Caves: for habitat types 8310, 8330 (caves) enter the number of caves if estimated surface is not available.

Data quality: G = 'Good' (e.g. based on surveys); M = 'Moderate' (e.g. based on partial data with some extrapolation); P = 'Poor' (e.g. rough estimation)

3.2 Species referred to in Article 4 of Directive 2009/147/EC and listed in Annex II of Directive 92/43/EEC and site evaluation for them

Species					Population in the site						Site assessment			
Group	Code	Scientific Name	S	NP	Type	Size		Unit	Cat.	Data quality	A B C D	A B C		
						Min	Max		C R V P		Pop.	Cons.	Isol.	Glob.
F	4125	Alosa immaculata			p			i	C	P	C	C	C	C
F	4127	Alosa tanaica			p			i	C	P	D	C	C	C
M	1351	Phocoena phocoena			p			p	C	P	C	C	C	C
M	1349	Tursiops truncatus			p			p	C	P	C	C	C	C

Group: A = Amphibians, B = Birds, F = Fish, I = Invertebrates, M = Mammals, P = Plants, R = Reptiles

S: in case that the data on species are sensitive and therefore have to be blocked for any public access enter: yes

NP: in case that a species is no longer present in the site enter: x (optional)

Type: p = permanent, r = reproducing, c = concentration, w = wintering (for plant and non-migratory species use permanent)

Unit: i = individuals, p = pairs or other units according to the Standard list of population units and codes in accordance with Article 12 and 17 reporting (see [reference portal](#))

Abundance categories (Cat.): C = common, R = rare, V = very rare, P = present - to fill if data are deficient (DD) or in addition to population size information

Data quality: G = 'Good' (e.g. based on surveys); M = 'Moderate' (e.g. based on partial data with some extrapolation); P = 'Poor' (e.g. rough estimation); VP = 'Very poor' (use this category only, if not even a rough estimation of the population size can be made, in this case the fields for population size can remain empty, but the field "Abundance categories" has to be filled in)

3.3 Other important species of flora and fauna (optional)

Species					Population in the site				Motivation					
Group	CODE	Scientific Name	S	NP	Size		Unit	Cat.	Species Annex		Other categories			
					Min	Max		C R V P	IV	V	A	B	C	D
I		Cerastoderma glaucum					i	V						X
I		Diogenes pugilator					i	C						X
I		Mytilaster lineatus					i	C						X
I		Upogebia pusilla					i	P			X		X	
P		Zannichellia palustris					shoots	C						X
P		Zostera marina					shoots	C					X	
P		Zostera noltii					shoots	C			X			X
F		Zosterisessor ophiocephalus					i	C						X

Group: A = Amphibians, B = Birds, F = Fish, Fu = Fungi, I = Invertebrates, L = Lichens, M = Mammals, P = Plants, R = Reptiles

CODE: for Birds, Annex IV and V species the code as provided in the reference portal should be used in addition to the scientific name

S: in case that the data on species are sensitive and therefore have to be blocked for any public access enter: yes

NP: in case that a species is no longer present in the site enter: x (optional)

Unit: i = individuals, p = pairs or other units according to the standard list of population units and codes in accordance with Article 12 and 17 reporting, (see [reference portal](#))

Cat.: Abundance categories: C = common, R = rare, V = very rare, P = present

Motivation categories: **IV, V:** Annex Species (Habitats Directive), **A:** National Red List data; **B:** Endemics; **C:** International Conventions; **D:** other reasons

4. SITE DESCRIPTION

4.1 General site character

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Habitat class	% Cover
N01	100.0
Total Habitat Cover	100

Other Site Characteristics

Otmanli Bay is located in the southern part of the water body BG2BS000C008, Bourgas Bay < 30m. The habitat is located near the site BG0000242 Zaliv Chengene skele and is characterized by mixed communities of seagrasses of the genera Zostera and Zannichellia on sand-shell substrate. The coverage is spread in the depth range from 1 to 5.5 (6) meters and at places their distribution is patchy. In summer water transparency is 2-3m, maximum up to 4 meters and the salinity – about 15 ‰. The area is characterized by eutrophic conditions of the aquatic environment, due to the proximity of the city of Burgas.

4.2 Quality and importance

Zostera marina is included in the Red Data Book of Republic of Bulgaria as endangered species (EN) of the IUCN categories, also in the list of the Berne Convention. The presence of Upogebia pusilla is noted - endangered species listed in the Black Sea Red Data Book. The underwater meadows are the structure defining habitat for the marine site and are still in relatively good condition. This marine site covers approx. 30% of the underwater seagrass meadows in the southern Black Sea coastal zone of Bulgaria. Their existence is threatened by the proximity of heavily anthropologically affected area.

4.3 Threats, pressures and activities with impacts on the site

The most important impacts and activities with high effect on the site

Negative Impacts			
Rank	Threats and pressures [code]	Pollution (optional) [code]	inside/outside [i o b]
M	C01.01	X	b
H	D03.01.04	X	o
M	D03.01.03	X	o
H	E03.02	X	o
M	F02.01		b
L	F02.03		b
M	H01.03	N	b
L	G01.01		b
L	H01.08	N	o
M	I01		b
H	G05.03		i
M	J02.11.01		o
M	F05		b
M	F02.02		b
L	E03.01	X	o
H	H01.01	X	b
M	K04.02		i
L	M02.01		i
H	H03	X	b

Rank: H = high, M = medium, L = low

Pollution: N = Nitrogen input, P = Phosphor/Phosphate input, A = Acid input/acidification,

T = toxic inorganic chemicals, O = toxic organic chemicals, X = Mixed pollutions

i = inside, o = outside, b = both

Positive Impacts			
Rank	Activities, management [code]	Pollution (optional) [code]	inside/outside [i o b]
L	U		b

4.4 Ownership (optional)

Type	[%]	
Public	National/Federal	100
	State/Province	0
	Local/Municipal	0
	Any Public	0
Joint or Co-Ownership	0	
Private	0	
Unknown	0	
sum	100	

4.5 Documentation

Proposal and description of the site made by D. Deyanova, S. Klayn, D. Berov, V. Karamfilov - Institute of Biodiversity and Ecosystem Research, BAS / 2 Gagarin Str., 1113 Sofia / diana_deyanova@yahoo.com; V. Todorova - Institute of Oceanology, BAS / 1-vi May Str. 40, 9000 Varna / vtodorova@io-bas.bg Documents: V. Todorova et al., 2012. Report on implementation of grant Contract No. 7976 / 04.04.2011, between EMEPA and the Institute of Oceanology. Project: "Expansion of the Natura 2000 ecological network in the Bulgarian Black Sea marine area to overcome the moderate insufficiencies regarding marine habitats 1110 "Sandbanks which are slightly covered by sea water all the time" and 1170"Reefs"and species 4125 Alosa immaculata, 1349 Tursiops truncatus and 1351 Phocoena phocoena and partial filling of scientific reserve for habitat 1180 " Submarine structures made by leaking gases" and species 1349 Tursiops truncatus in accordance with the conclusions from the Marine Black Sea Seminar, Brindisi, 15 June 2010". Fund of IBER-BAS, IO-BAS. G. Hiebaum et al. 2010. Implementation report of project: Ecological status of ecosystems on the Bulgarian Black Sea coast and relation to the structure and condition of the communities of macroalgae and sea grasses (g. Cystoseira and g. Zostera). NSF D0012/218/08, fund of IBER-BAS.

Link(s): <http://natura2000.moew.government.bg/Home/ProtectedSite?code=BG0001502&siteType=HabitatDirective>

5. SITE PROTECTION STATUS (optional)

5.1 Designation types at national and regional level:

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Code	Cover [%]	Code	Cover [%]	Code	Cover [%]
BG00	100.0				

5.2 Relation of the described site with other sites:

designated at national or regional level:

Type code	Site name	Type	Cover [%]
BG23	Park "Rosenets"	/	

5.3 Site designation (optional)

Rosenets Park: The Park is about 55 hectares and is covered by forest, around which goes an asphalt road. The place is known as a recreational area with beaches and forests.

6. SITE MANAGEMENT

6.1 Body(ies) responsible for the site management:

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Organisation:	Basin Directorate for Water Management in the Black Sea Region – Varna
Address:	33 Aleksandar Dyakovich Str., Varna 9000
Email:	bdvarna@bsbd.org

Organisation:	Regional Inspectorate of Environment and Water – Burgas
Address:	67 Perushtitsa Str., hc "Lazur", floor 3, P.O. box 219, Burgas 8000
Email:	riosvbs@unacs.bg

Organisation:	Ministry of Environment and Water
Address:	22 Maria Luiza Blvd., Sofia 1000
Email:	nnps@moew.government.bg

6.2 Management Plan(s):

An actual management plan does exist:

<input type="checkbox"/> Yes
<input type="checkbox"/> No, but in preparation
<input checked="" type="checkbox"/> No

6.3 Conservation measures (optional)

Measures against physical impacts on habitats 1110 include: - ban on the extraction of sand, gravel, stones; - prohibiting burial of habitats subject of protection under dredge disposals; - ban on sealing of habitat subject of protection with permanent structures, including artificial underwater reefs and islands; - prohibition of conducting actions associated with interference in hydrological processes leading to significant changes in temperature regime, salinity, currents and wave effects; - ban on the use of bottom trawling and dredging equipment, including sucking dredgers; - prohibition of prospecting, exploration and exploitation of natural resources in zone "A" of the Black Sea coast under Black Sea Coast Development Act; - prohibition of the introduction of solid waste. Measures against chemical impacts include: - prohibiting the discharge of untreated wastewater, the quantity and quality of treated waters must meet the requirements for individual emission limits specified in the discharge permit issued in accordance with the requirements of the Water Act ; - prohibition on introduction of hazardous substances - synthetic, non-synthetic and radionuclides. Necessary measures against selective fishing and collection of species: - Ban on commercial and recreational fishing of fish and molluscan aquatic organisms with the following appliances, tools, accessories and devices - explosives, poisonous and intoxicating substances, electric current and other equipment stunning the fish, bottom trawling and dredging equipment, firearms, jigging; - Ban on commercial fishing of sand mussels *Donacilla cornea*, *Donax trunculus*, *Chamelea gallina* and decapods *Upogebia pusilla* and *Callinassa candida*; - Prohibition of picking, collecting, cutting, uprooting or otherwise destroying the specimens of sea grass species *Zostera marina*, *Z. noltii*, *Zannichellia palustris*, *Potamogeton pectinatus* in their natural range; - Measures against invasive alien species: -Deliberate introduction into the marine environment of alien species is prohibited; - Prohibited reballasting of ships in

the aquatory of the SCI. For prevention appropriate assessment under art. 6 of the Habitats Directive is needed for the following projects and investment proposals: - the construction of harbors and port installations; - shore reinforcement and shore protection constructions (dikes, jetties, breakwaters); - prospecting, exploration and exploitation of natural resources; - prospecting, exploration and exploitation of oil, natural gas and unconventional hydrocarbons; - construction of oil and gas pipelines; - facilities for the production of electricity by wind power; - farming of fish and shellfish aquatic organisms; - underwater or floating constructions for tourist purposes. In order to control the status and effectiveness of conservation management measures regular monitoring of the conservation status of habitats and species populations should be carried out.

7. MAP OF THE SITES

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INSPIRE ID:

Map delivered as PDF in electronic format (optional)

Yes No

Reference(s) to the original map used for the digitalisation of the electronic boundaries (optional).