Contracting maintenance services

Contracting of dredging activitites on the Bulgarian section of the Danube River

rkm 610 - rkm 374.100

- According to an agreement between MTITC and EAEMDR a common public procurement procedure was implemented in 2017, as a result of which a contract for implementation of maintenance dredging actitivties was signed in February 2018
- Contracting authorities both MTITC and EAEMDR; contractor
 Cosmos Shipping Ltd.
- Contract value about 4 Mn EUR

- Contract duration:
- up to 36 months or
- till the financial resources (contract value) are exhausted,

which of the two circumstances occurs earlier

 the contract is concluded with a delayed execution (acc. to art. 114 of Public procurement law) – dredging is assigned upon necessity and if resources are available

The contractor starts the implementation of dredging activities in 10 days after written notice from EAEMDR with defined dredging area and deadline for implementation

Attachments to the written notice:

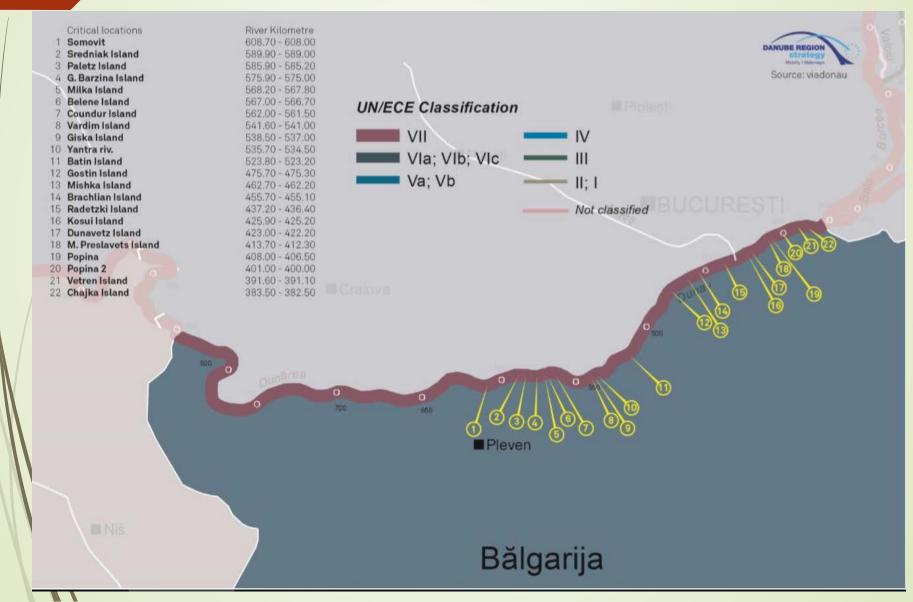
dredging project, prepared by EAEMDR, containing explanatory note, dredging plan and scheme of deposition area

The explanatory note contains the following information:

- Detailed information about the hydrographic measurements, implemented by EAEMDR before assigning the dredging (methods and equipment used, meteorological conditions during the measurement period)
- Dredging plan with information for the dredging area, including a drawing with defined width and depth of the designed fairway and information for the deposition area

- The design dredging quantity is determined in a volume, calculated from the difference between the measured actual depths below LNWL and the required depth below LNWL – 300 cm
- Final hydrographic measurements and executive drawing for identification of quantities and assessment of the work – by EAEMDR not later than 10 days after dredging is finished
- Payment is made after acceptance of the actual dredging works with delivery and acceptance protocol with attached hydrographic schemes, executive drawings, report for identification of quantities and quality of the dredging works

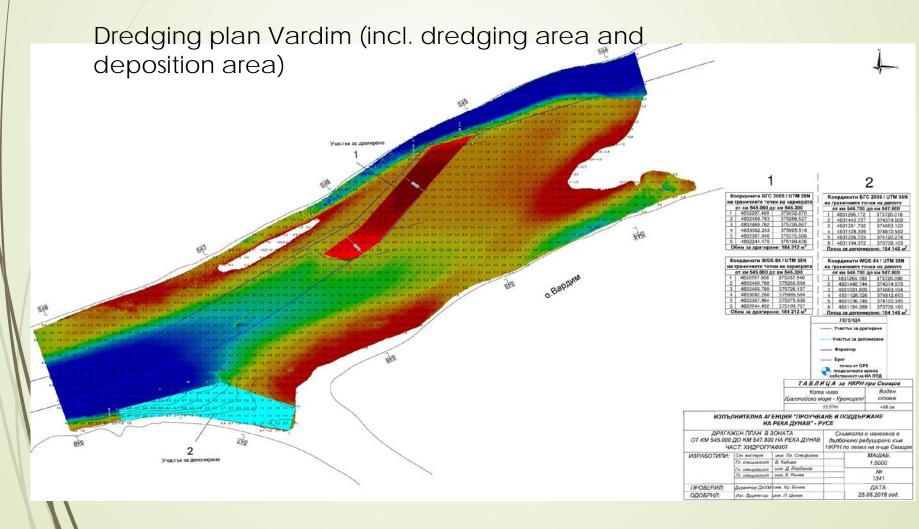
Critical locations in BG



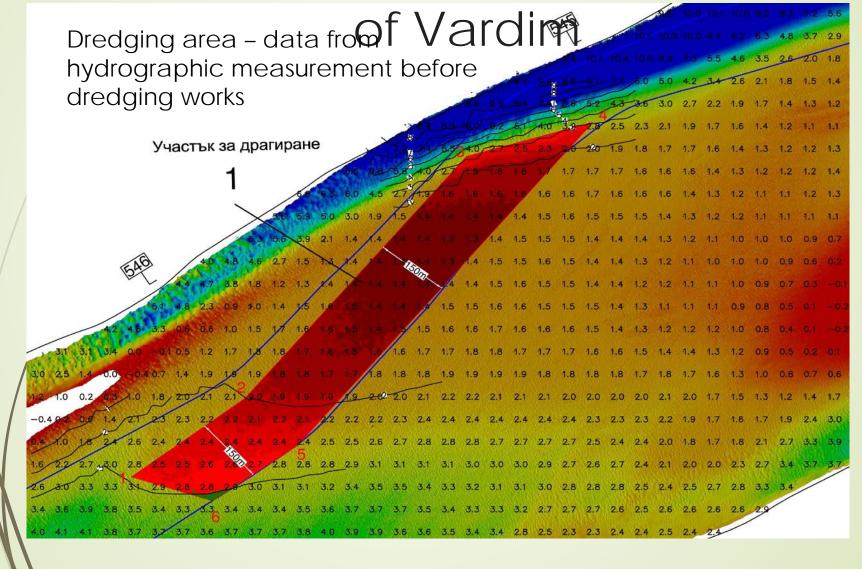
- Location of dredging works area of Vardim island (rkm 545.000 – rkm 547.800)
- Hydrographic measurement before dredging works –
 15-17 May 2018, conducted by EAEMDR
- Duration of dredging works 2-14 June 2018
- Quantity of dredged material 101 011 m³
- Equipment used 2 self-propelled suction dredgers capacity 580 m³/2 hours for the smaller dredger 1800 m³/4 hours for the bigger dredger

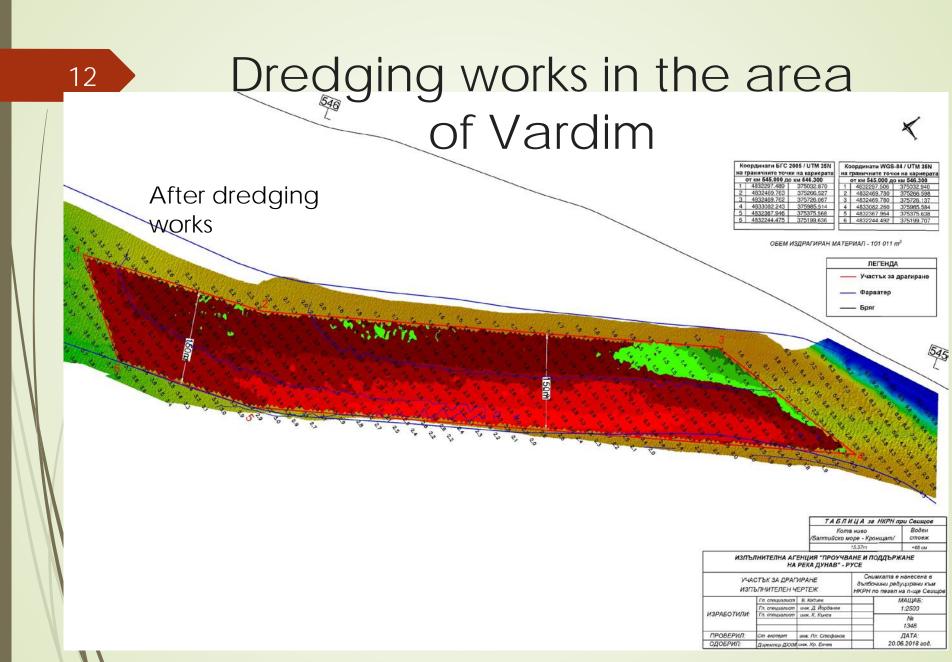






Dredging works in the area

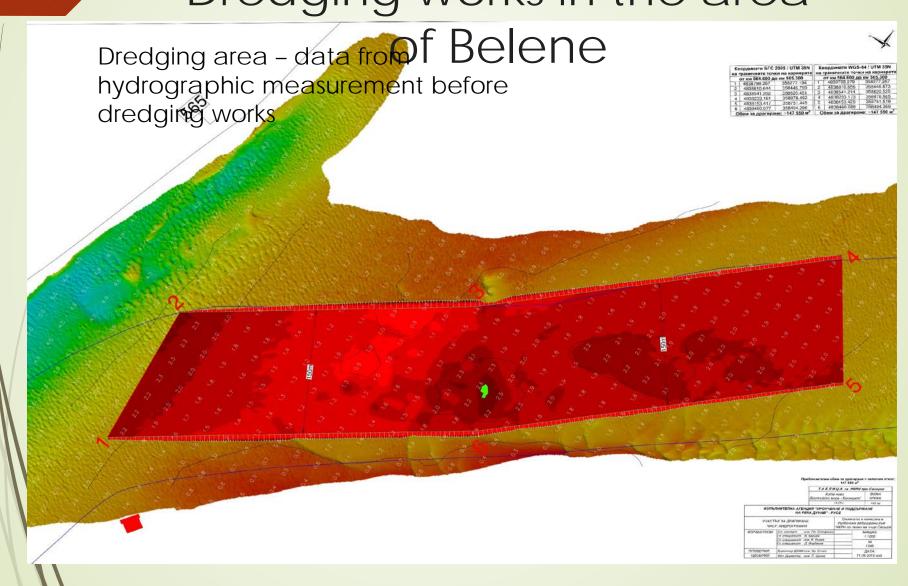


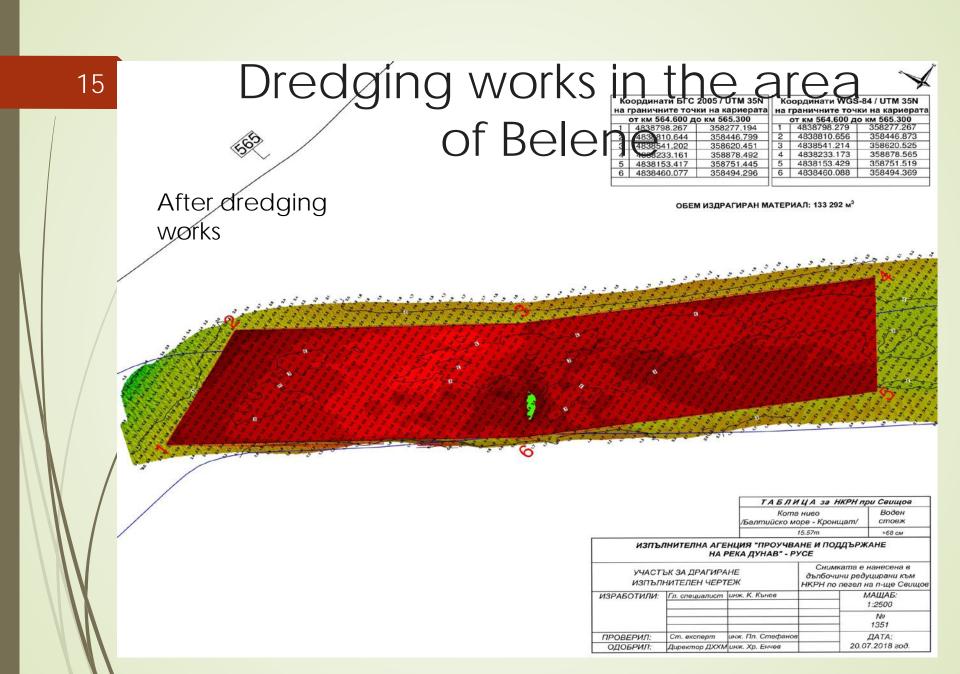


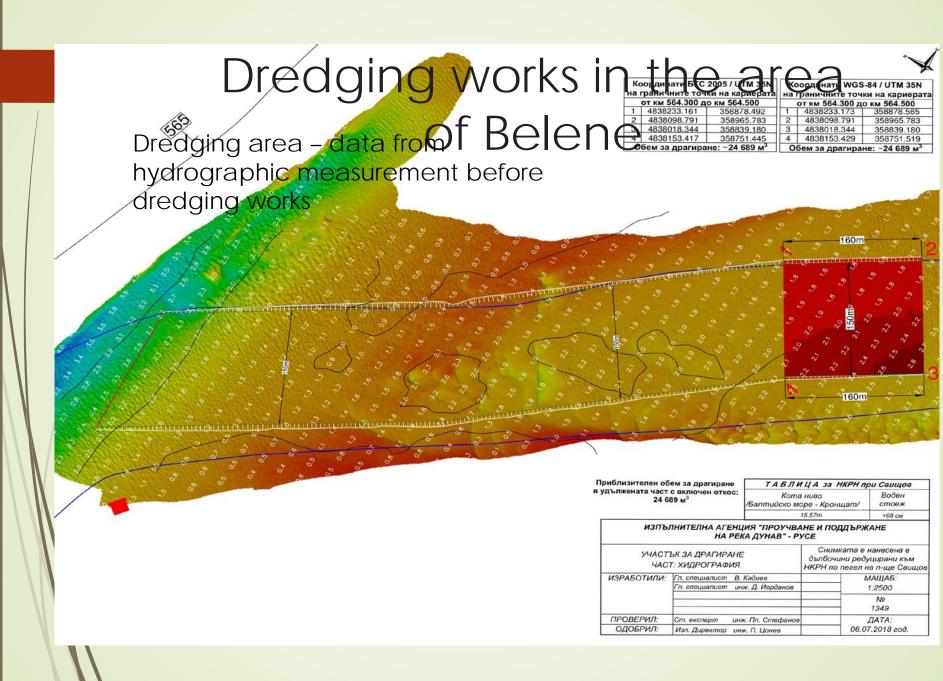
Dredging works in the area of Belene

- Location of dredging works area of Belene island: rkm 564.600 – rkm 565.300
 - rkm 564.300 rkm 564.500
- Hydrographic measurement before dredging works: 6-7 June 2018, conducted by EAEMDR
 - 26-27 June 2018, conducted by EAEMDR
- Duration of dredging works
 - -/18 June till 9 July 2018
 - 10-13 July 2018
- Quantity of dredged material
 - rkm 564.600 rkm 565.300 133 292 m³
 - rkm 564.300 rkm 564.500 22 347 m³

Dredging works in the area







After dredging

works

Dredging works in the area (Координати БГС 2005 / UTM 35N на граничните точки на кариерата от км 564.300 до км 564.500 от км 564.300 до км 564.500 от км 564.300 до км 564.300 от км 564.300 до км 564.500 от км 564.300 до км 5

4838153.429

ОБЕМ ИЗДРАГИРАН МАТЕРИАЛ: 22 347 м³

Contract /
, 5 (b
2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
3 3 4 5 5 7 8 7 5 4 5 5 6 5 6 5 6 5 6 5 6 5 6 5 6 5 6 5

ТАБЛИЦА за НКРН пр	ои Свищов	
Кота ниво	Воден	
/Балтийско море - Кронщат/	стоеж	
15.57m	468 CM	

изпъ		ЕНЦИЯ "ПРОУЧВА РЕКА ДУНАВ" - Р		ДЪРЖАНЕ
УЧАСТЪК ЗА ДРАГИРАНЕ ИЗПЪЛНИТЕЛЕН ЧЕРТЕЖ			Снимката е нанесена в дълбочини редуцирани към НКРН по пегел на п-ще Свищов	
ИЗРАБОТИЛИ:	Гл. специалист	инж. К. Кънев		МАЩАБ: 1:2500
				№ 1352
ПРОВЕРИЛ:	Ст. експерт	инж. Пл. Стефанов		ДАТА: 20.07.2018 год.
ОДОБРИЛ:	Директор XXM	инж. Хр. Енчев		

Results

Based on hydrographic measurements the following results are achieved at both dredging sites:

- Depth more than 3m at LNWL
- Width 150 m
- Curve radius 1000 m

The fairway was deepened with more than 100 cm.

Thank you for your attention!

Hristo Enchev

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