

The Comparison of Design Options for the Danube-Black Sea Navigation Route by Key Impacts on the Danube Biosphere Reserve Area

No.	Route Options	Designed vessel draft, m	Soil excavation requirement for the DBR area and outer section of Delta		Land conversion requirement in the DBR area, ha: <u>permanent</u> temporary
			During construction, million m ³	During operation, million m ³ /year	
1.	Sluiced channel: Solomonov Branch – Zhebriyansky Bay	7,2	16	0,3	<u>400</u> 500
2.	Sluiced channel: from Ochakiv Branch to Ust-Dunaisk Port	6,25	7	0,6	<u>150</u> 100
3.	Deep-water navigation route along the Ochakiv Arm and Prorva Channel	6,3	21	3	–
4.	Bystre Branch	7,2	3,1	0,5	–
	Best option		4	1	3, 4