

2.5 Ukraine Waterways Assessment

Ukraine has high potential navigable rivers - over 4 thousand km: there are traditional waterways Dnipro - 1,205 km and its tributaries (Desna- 520 km, Pripjat - 60 km) and Dunay - 160 km, Bug - 155 km, and other so-called small rivers. Dnipro River and its major tributaries Desna and Pripjat carried out to 90% of total transport. The remaining 10% are Dunai and other rivers (Desna, Dniester, Southern Bug, Seversky Donets, Ingulets, Vorskla, etc.). Since Ukraine gained independence in 1991, length of river waterways decreased almost twice (from 4 thousand. Km to 2.1 thousand. Km). At the same time the density of river shipping routes reduced 1.75 times; intensity of freight transport - in 4,3 times, and passenger transportation - 7.5 times

The volume of traffic fell to 60 mln. MT in 1990 to 12 mln. MT in 2006, and then - to 5 mln. MT in 2014. Over the past two or three years, inland waterway transportation is only 0.2 - 0.8% of all the cargo traffic. The main categories of goods that are transported via inland waterway – agricultural products (mainly grain), metal products, chemicals.

Company Information

Only few companies operate on rivers. First, it is a private company "Ukrrihflot" <http://ukrrihflot.ua/en/>, declares the presence of about 100 vessels of various types and their ports and other elements of the port infrastructure. The second important market player - Agrocorporation "NIBULON" <http://www.nibulon.com/>. The company owns a private fleet and private river terminals.

Dnipropetrovsk River Port		
Services rendered	Specialization in cargo processing	Main performance parameters
Cargo handling complex (CHC)	Metal products	Throughput capacity 5 700 000 tonnes
Freight-forwarding services	Cast iron	Length of quay 2 500 m
Storage of cargoes	Ferroalloys	16 berths
Storage and processing of grain cargoes:	Dry bulk cargo	Storage areas 69 thous.m ² incl.:
in a silo with a volume of up to 30 thousand tonnes	Packaged cargo	open space – 58 thous.m ² /covered – 11 thous.m ²
in covered grain storage with a capacity of 5 500 m ³	Timber	Navigation period: March – December
Sand mining and sales	Agricultural cargoes	Draft of vessels up to 4 m
Fleet integrated servicing	Mineral-building cargoes	Customs terminal situated within the port area
Maintenance and running repairs for the vessels	Metal scrap	3 railway stations
	Containers	(«Nyzhnodniprovsk-Quay», «Dnipropetrovsk», «Kaidakaska»)
	(stuffing/unstuffing)	Cranes
		25 dockside cranes with a lifting capacity 5-20 tonnes
		3 boom cranes with a lifting capacity 10-36 tonnes
		1 erecting crane with a lifting capacity up to 75 tonnes
		1 heavy-duty crane with a lifting capacity up to 100 tonnes
		7 lift trucks with a lifting capacity of some 1,5 to 3 tonnes
		2 rail weighing scales up to 150 tonnes
		3 truck scales up to 80 tonnes
Zaporizhzhia River Port		
Services rendered	Specialization in cargo processing	Main performance parameters
Cargo handling complex (CHC)	Metal products	Throughput capacity 5 900 000 tonnes
Freight-forwarding services	Cast iron	Length of quay 2 800 m
Storage of cargoes	Ferroalloys	12 berths
Storage and processing of grain cargoes	Dry bulk cargo	Storage areas 82 thous.m ² incl.:
Sand mining and sales	Packaged cargo	open space – 78 thous.m ² /covered – 4 thous.m ²

Fleet integrated servicing	Timber	Navigation period: March – December
Maintenance and running repairs for the vessels	Agricultural cargoes	Draft of vessels up to 4 m
	Mineral-building cargoes	Customs terminal situated within the port area
	Metal scrap	2 railway stations
	Containers	(«Port Velyke Zaporizhzhia», «Zaporizhzhia-1»)
	(stuffing/unstuffing)	Cranes
		30 dockside cranes with a lifting capacity 5-20 tonnes
		2 boom cranes with a lifting capacity up to 36 tonnes
		2 erecting cranes with a lifting capacity 20-32 tonnes
		10 lift trucks with a lifting capacity of some 1,5 to 5 tonnes
		2 rail weighing scales up to 150 tonnes
		3 truck scales up to 60 tonnes
Kherson River Port		
Services rendered	Specialization in cargo processing	Main performance parameters
Cargo handling complex (CHC)	Metal products	Throughput capacity 1 800 000 tonnes
Freight-forwarding services	Cast iron	Length of quay 814 m
Storage of cargoes	Dry bulk cargo	7 berths
Fleet integrated servicing	Timber	Storage areas 23 thous.m ² incl.:
Roadstead board-to-board transshipment	Agricultural cargoes	open space – 20 thous.m ² /covered – 3 thous.m ²
	Metal scrap	Navigation period: Year-Round
		Draft of vessels up to 7 m
		Customs terminal situated within the port area
		1 railway station
		(«Kherson-Port»)
		Cranes
		7 dockside cranes with a lifting capacity 10-20 tonnes
		1 boom crane with a lifting capacity up to 25 tonnes
		4 lift trucks with a lifting capacity of some 1,5 to 5 tonnes
		1 front side lift truck with a lifting capacity up to 6 tonnes
		1 truck scale up to 60 tonnes
Mykolaiv River Port		
Services rendered	Specialization in cargo processing	Main performance parameters
Cargo handling complex (CHC)	Metal products	Throughput capacity 2 200 000 tonnes
Freight-forwarding services	Cast iron	Length of quay 750 m
Storage of cargoes	Ferroalloys	5 berths
Fleet integrated servicing	Agricultural cargoes	Storage areas 32 thous.m ² incl.:
Roadstead «board-on-board» transshipment	Timber	open space – 32 thous.m ²

Grain handling from rail wagons and trucks via grain conveyor	Mineral-building cargoes	Navigation period: Year-Round
		Draft of vessels up to 4,5 m
		through special spacer (barge and floating crane) up to 5,5 m
		in the roadstead up to 8,5 m
		1 railway station
		(«Mykolaiv-Vantazhnyi»)
		Cranes
		12 dockside cranes with a lifting capacity 5-20 tonnes
		3 boom cranes with a lifting capacity 10-36 tonnes
		5 lift trucks with a lifting capacity of some 1,5 to 10 tonnes
		2 front side lift trucks
		2 rail weighing scales up to 150 tonnes
		2 truck scales up to 60 tonnes
Nikopol River Port		
Services rendered	Specialization in cargo processing	Main performance parameters
Cargo handling complex (CHC)	Ferroalloys	Throughput capacity 700 000 tonnes
Storage of cargoes	Metal scrap	Length of quay 300 m
Cargo-passenger service	Mineral-building cargoes	1 berth
		Storage areas 4,2 thous.m ² incl.:
		open space – 4,2 thous.m ²
		Navigation period: March – December
		Draft of vessels up to 3,7 m
		Cranes
		2 dockside cranes with a lifting capacity up to 5 tonnes
		1 truck scale up to 25 tonnes