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Russian Oil Tracker

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Summary

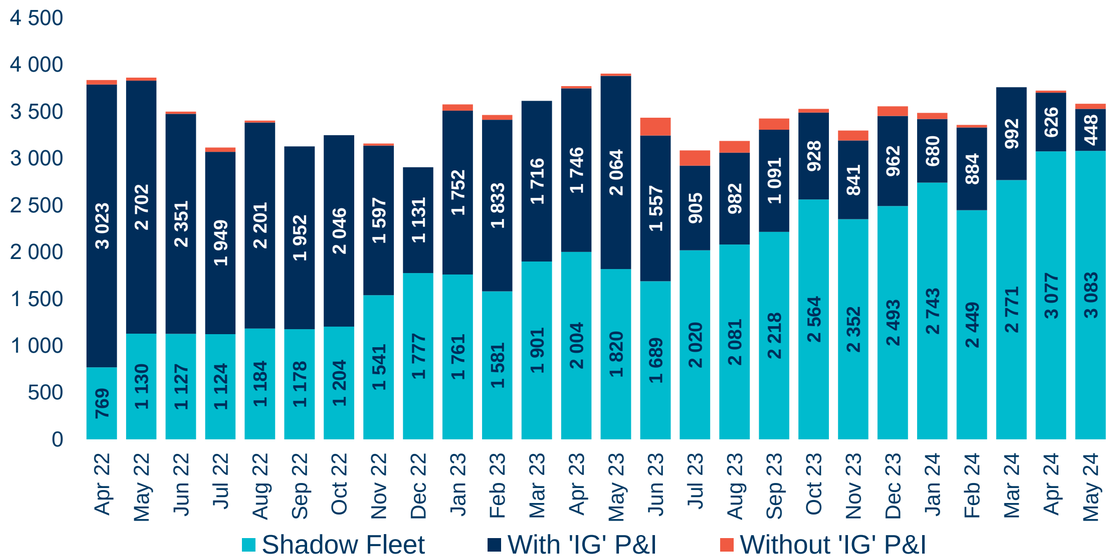
- in May 2024, despite higher oil exports volumes, Russian oil export revenues declined by ~ 0.6 bn (MoM) to $16.8 bn on lower world oil prices
- Russian seaborne oil exports volumes increased by 4% driven by 17% jump in oil products exports MoM amid most refineries' capacities have been restored after successful Ukrainian drones' attacks in January-April. Only 12% of crude but 62% of oil products were shipped with IG P&I insurance coverage.
- KSE Institute estimates 220 loaded Russian shadow fleet tankers left Russian ports and 3 were involved in STS transfers in May 2024, 83% of which were older than 15 years.
- India, the biggest Russian seaborne crude importer, decreased Russian seaborne crude imports by 13% (to 1812 kb/d) in May 2024. Altogether India, China and Turkey were responsible for 95% (-2 p.p. MoM) of Russian crude oil exports in May 2024. Turkey remained top-1 buyer of Russian oil products and top-3 buyer of Russian crude, despite products imports decreased by 11% MoM and by 29% over March. On the contrary, crude exports from Russia to Turkey increased by 120 kb/d or by 42% MoM.
- The US Treasury approach to designate individual vessels removed most of shadow tankers from regular commercial service. As of June 12, 2024, out of 41 sanctioned vessels — 34 have been unloaded and stayed idle, 1 was removed from sanction list, one vessel provides coastal shuttle services violating OFAC’s sanctions but only within the Black Sea. However, some sanctioned tankers that stayed idle started lifting commercial cargoes from Russian ports in April – June. In particular, SCF Primorye completed a voyage from Sheskharis (Russia) to the shores of Malaysia to unload crude to Ocean Hermana. Bratsk loaded Urals product at Sheskharis port in May and as tracking indicates repeats SCF Primorye’s route. In addition, 3 more sanctioned tankers indicated the lifting commercial cargo both from Russian and non-Russian ports.
- In May 2024, Urals FOB Primorsk and Novorossiysk decreased by $7.7/bbl and $7.6/bbl to around $65.3/bbl and 65.6/bbl respectively while ESPO FOB Kozmino decreased by $5.5/bbl to $83.1/bbl The discounts on Urals FOB Primorsk and Novorossiysk to Brent narrowed by $0.6/bbl and $0.5/bbl MoM and were estimated at around $17/bbl. The discount on ESPO FOB Kozmino to Brent narrowed by $2.6/bbl to $4.4/bbl in May. All premium products were traded well bellow the price cap, but discounted products continued trading significantly above the price cap in May 2024.
- According to KSE Institute modelling, in the base case with current oil price caps and status quo of sanctions but their stronger enforcement, revenues will reach to $177 bn and $141 bn in 2024 and 2025 respectively compared to $218 bn and $188 bn in 2022 and 2023 respectively. If the discount on Russian oil is widened to $40/bbl compared to Brent forecast prices, revenues will fall to $148 bn and $79 bn in 2024 and 2025 respectively. However, in case of weak sanctions enforcement, Russian oil revenues could increase to the robust $198 bn and $186 bn in 2024 and 2025 respectively.

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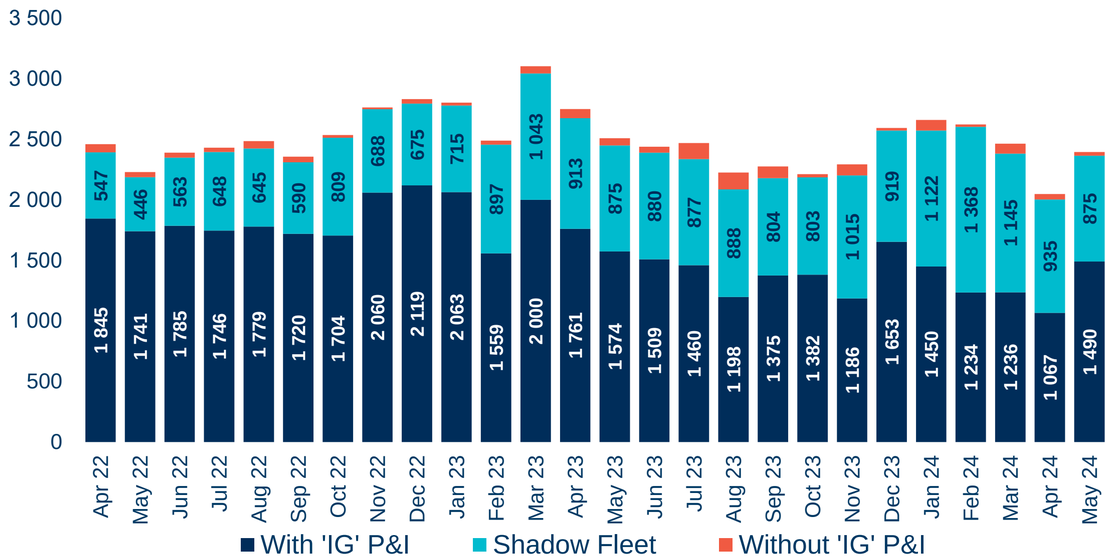
Russian seaborne oil exports volumes increased by 4% in May 2024. Only 32% of Russian oil exports were shipped by IG insured tankers

- In May 2024 Russian seaborne oil exports increased by 3.6% MoM but were 6.8% lower YoY.
- Shipments of seaborne crude oil decreased by 3.8% MoM in May 2024 while products exports were 17.0% higher MoM amid most refineries' capacities have been restored after successful Ukrainian drones' attacks in January-April.
- Overall Russian reliance on Western maritime services is estimated at 32%, as only 12% of crude oil but 62% of oil products were shipped by tankers with International Group (IG) P&I insurance coverage in May 2024.

Russian seaborne crude oil exports, kb/d



Exports of Russian oil products, kb/d



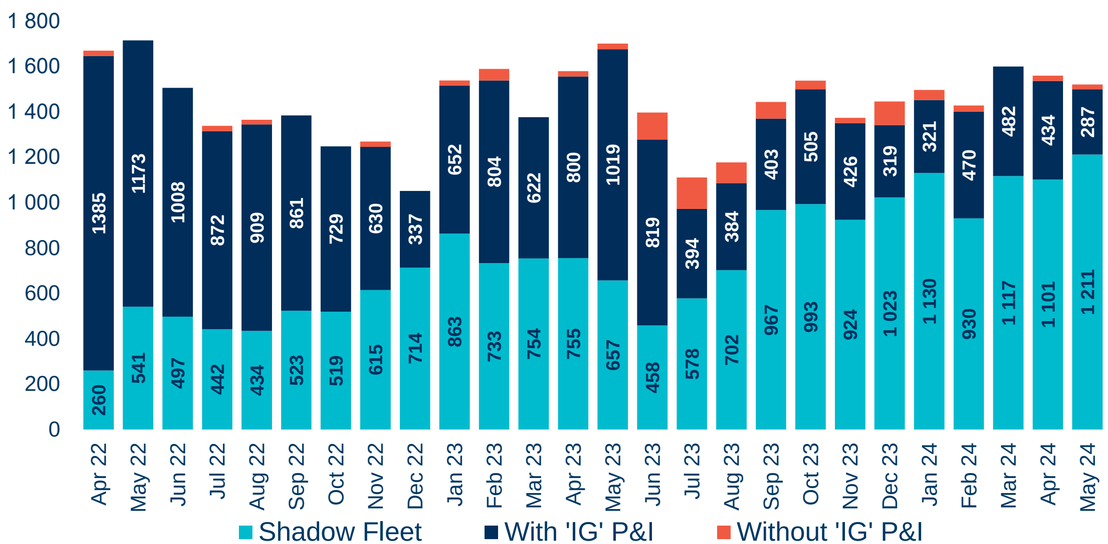
Shadow fleet: *tankers affiliated with jurisdictions outside sanctions coalition and lacking "IG" P&I insurance.* ***With "IG" P&I:*** *tankers affiliated with jurisdictions of sanctions coalition and outside coalition and with "IG" P&I insurance.* ***Without "IG" P&I:*** *tankers affiliated with jurisdictions of sanctions coalition but lacking "IG" P&I insurance.* Source: Kpler, Equasis, P&I Club webpage, KSE Institute estimates

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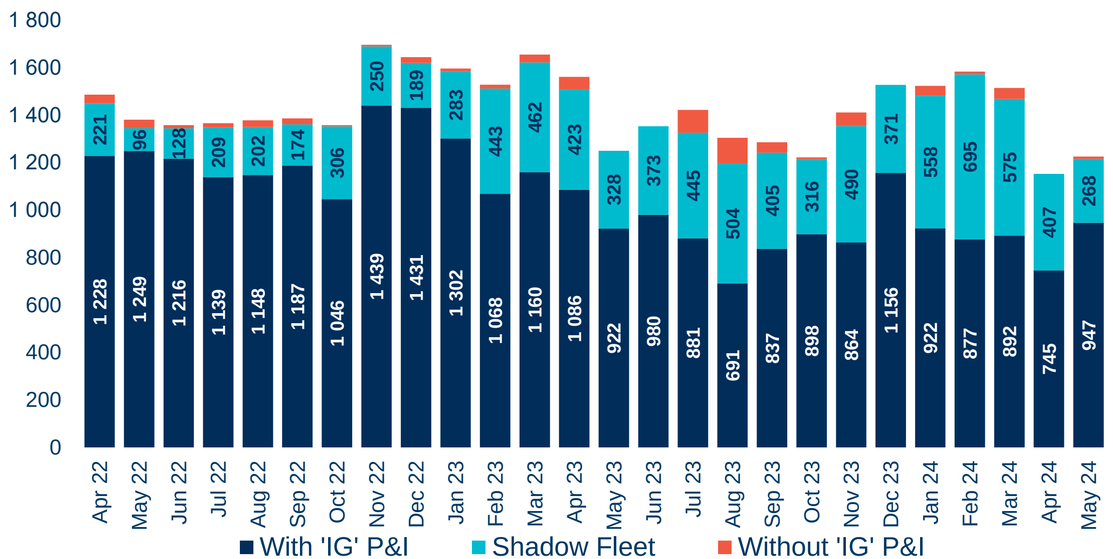
45% of crude & oil products were shipped by IG insured tankers from Baltic Sea ports in May 2024

- In May 2024, the exports of crude oil from Baltic ports decreased by 2.5% MoM and were 10.6 % lower YoY.
- The exports of oil products from Baltic ports increased by 6.3% MoM but were 2.0% lower YoY.
- 19% of crude oil and 77% of oil products were shipped by tankers with IG P&I insurance in May compared to 28% and 65% respectively in April 2024.

Russian crude oil exports from Baltic Sea ports, kb/d



Exports of Russian oil products from Baltic Sea ports, kb/d



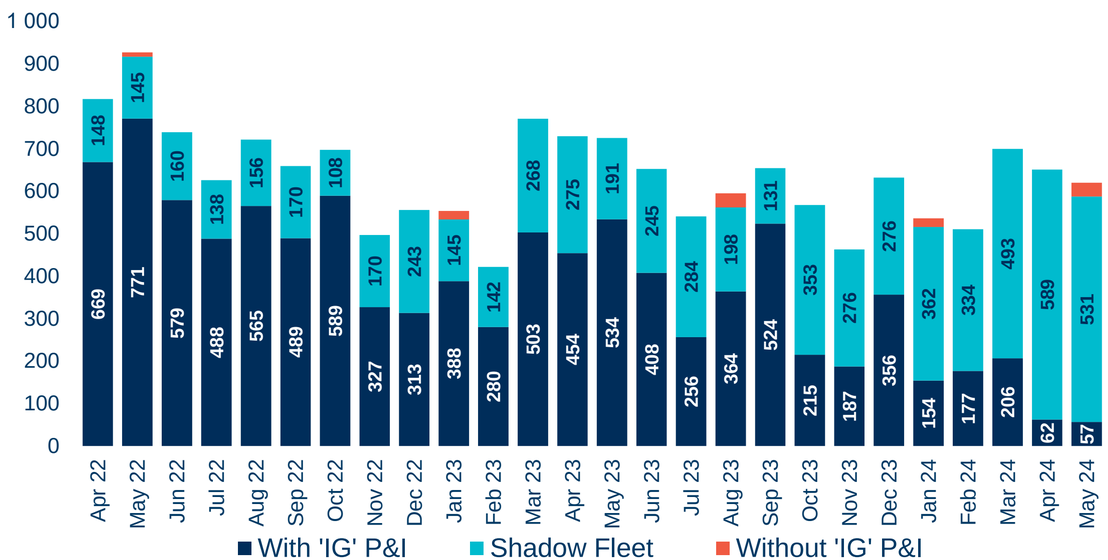
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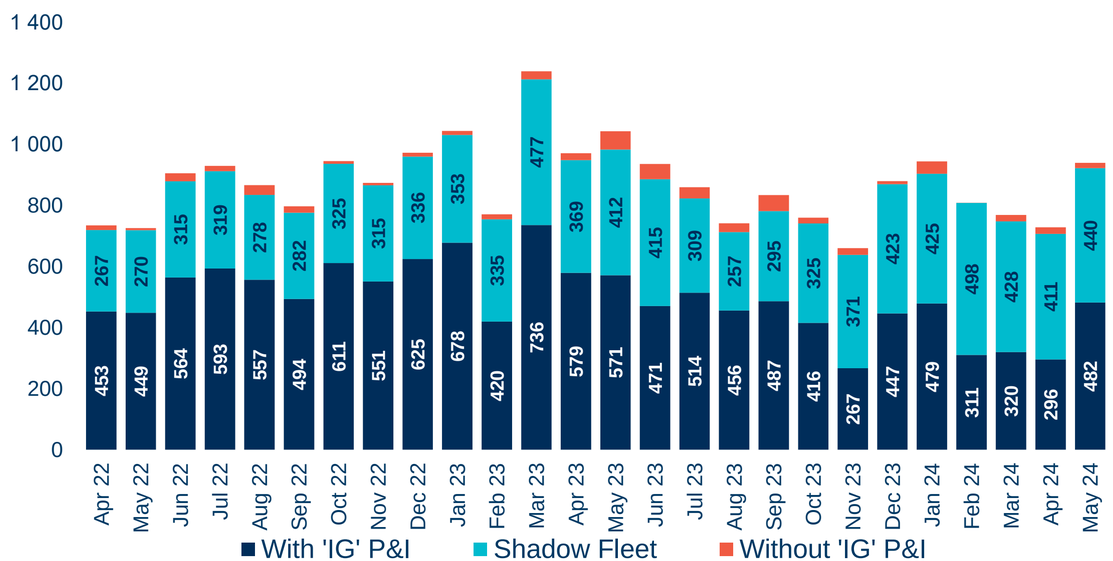
35% of crude & oil products were shipped by IG insured tankers from Black Sea ports in May 2024

- The exports of crude oil from Black Sea ports decreased by 4.7% MoM and were 14.5% lower YoY in May 2024
- The exports of oil products from Black Sea ports soared by 29.0% MoM but were still 9.9% lower YoY
- 9% of crude oil and 51% of oil products were shipped by tankers with IG P&I insurance in May 2024 compared to 10% and 41% respectively in April 2024

Russian crude oil exports from Black Sea ports, kb/d



Exports of Russian oil products from Black Sea ports, kb/d



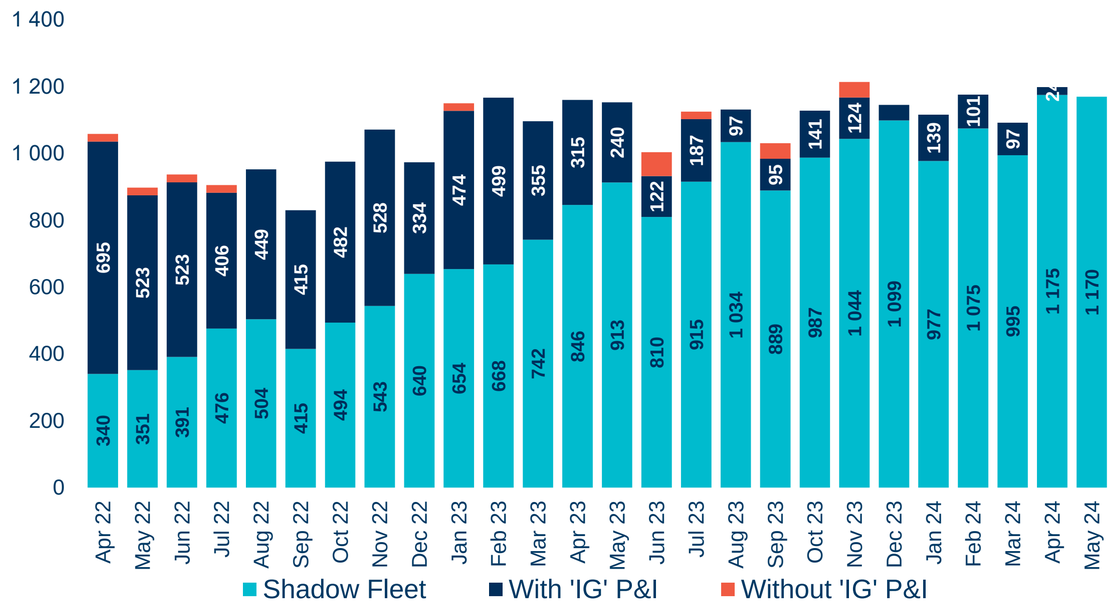
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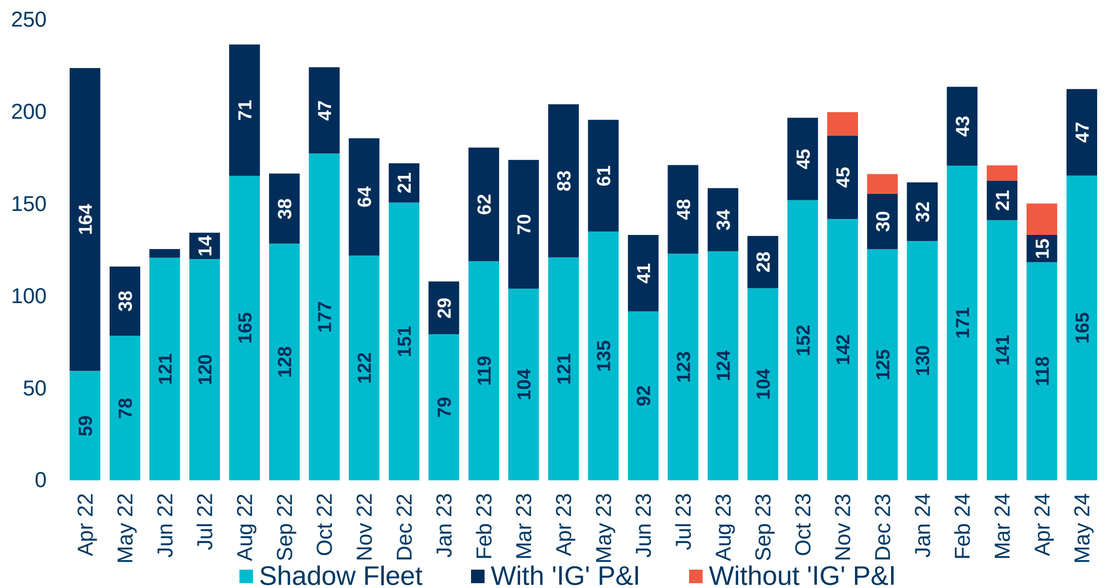
IG insured tankers shipped no crude from Pacific Ocean ports in May 2024

- In May 2024, the exports of crude oil from Pacific Ocean ports decreased by 2.4% MoM but were 1.5% higher YoY.
- The exports of oil products from Pacific Ocean ports increased by 41.4% MoM and by 8.6% YoY
- No crude oil but 13% of oil products were shipped by tankers with IG P&I insurance in May 2024 compared to 2% and 10% respectively in April 2024

Russian crude oil exports from Pacific Ocean ports, kb/d



Exports of Russian oil products from Pacific Ocean ports, kb/d



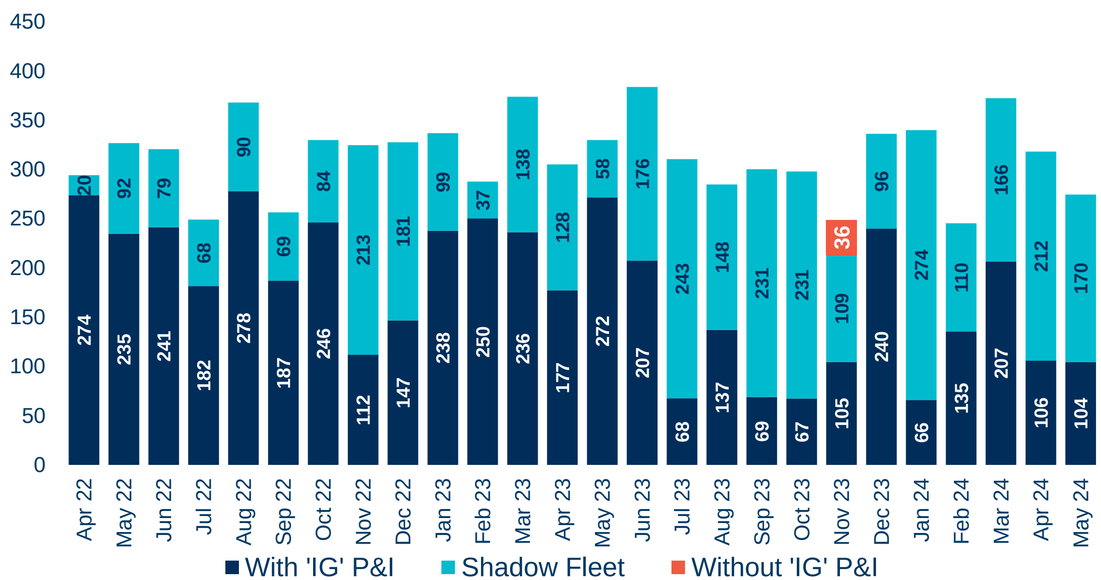
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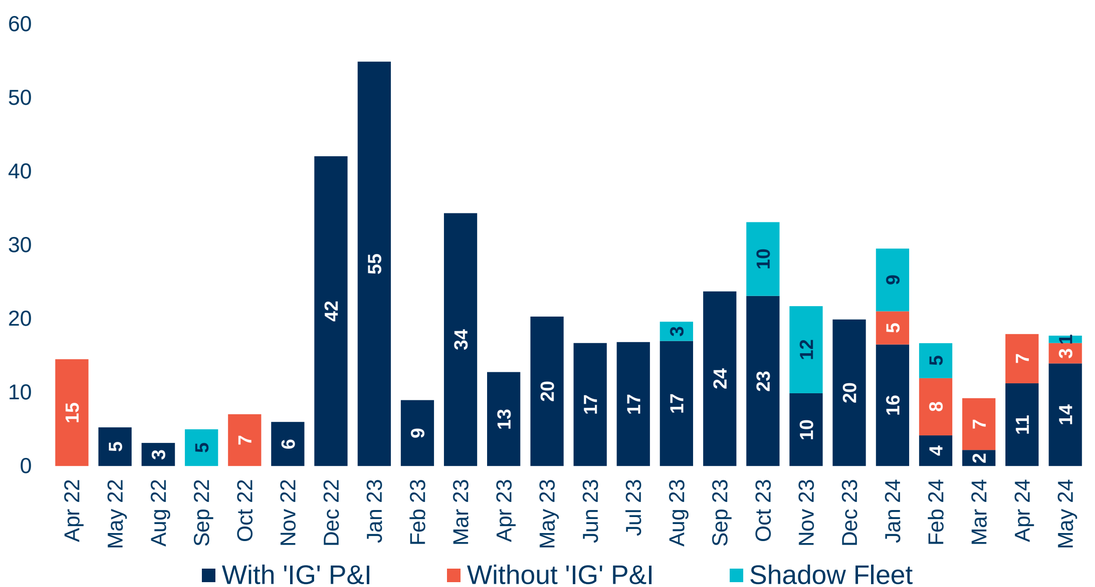
40% of crude oil and oil products were shipped by IG insured tankers from Arctic Ocean ports in May 2024

- Crude oil exports from Arctic Ocean ports decreased by 13.7% MoM and 16.8% YoY
- The exports of oil products from Arctic Ocean is insignificant as Russia ships predominantly crude from these ports
- 38% of crude oil was shipped by IG insured tankers in May 2024 (5 p.p. increase MoM)

Russian crude oil exports from Arctic Ocean ports, kb/d



Exports of Russian oil products from Arctic Ocean ports, kb/d



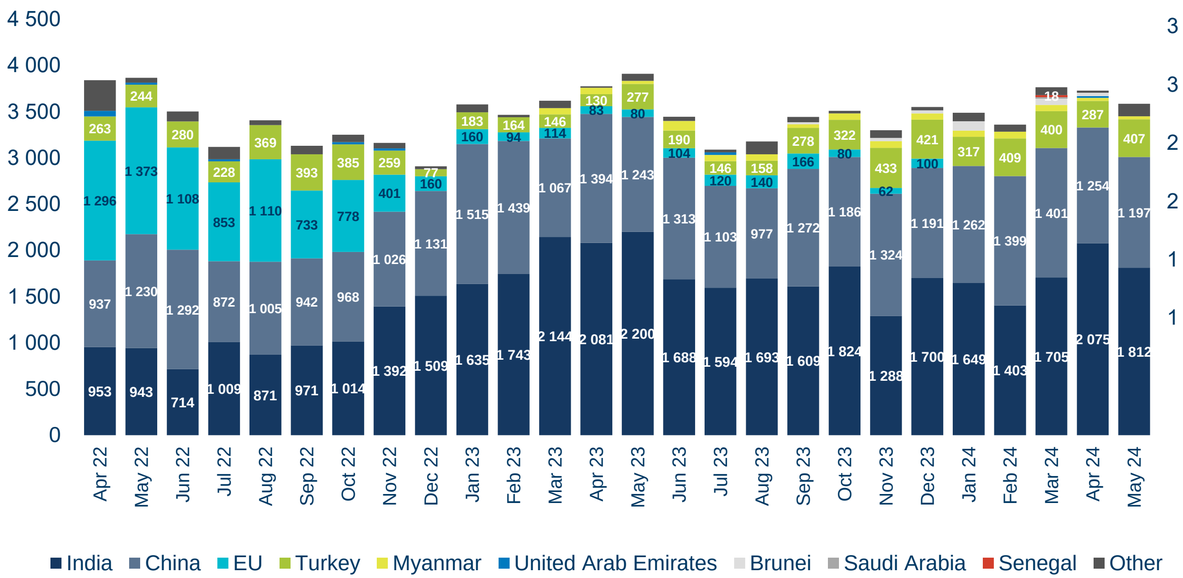
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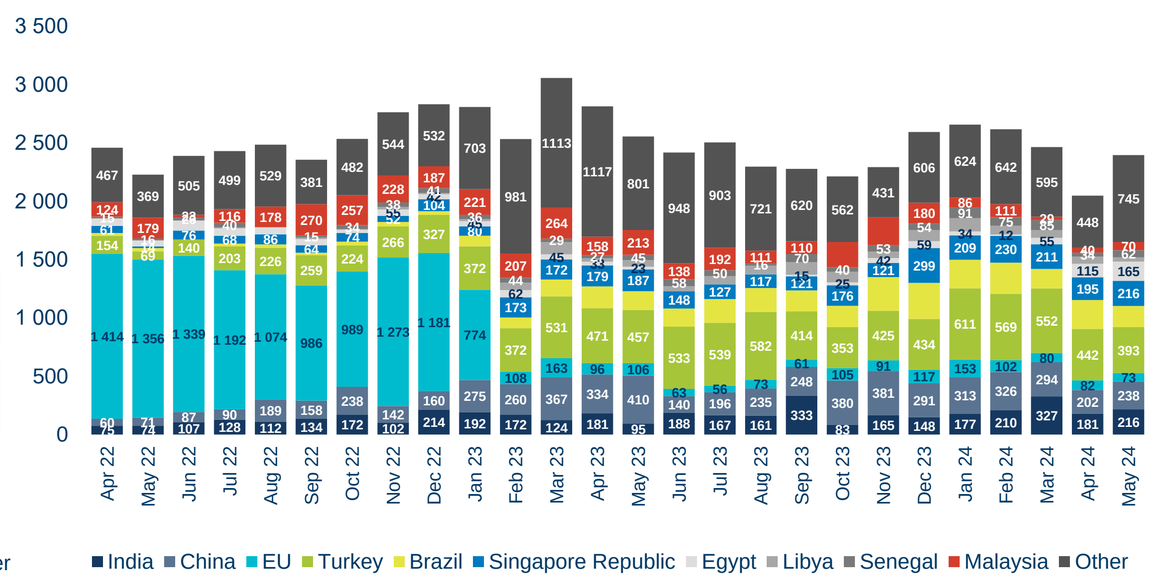
India remains the biggest Russian seaborne crude importer, Turkey tops the list of oil product buyers

- In May 2024, India decreased Russian seaborne crude imports by 13% (to 1812 kb/d) but remained the top-1 buyer in the list of Russian seaborne crude importers. China, the second biggest buyer, decreased its imports by 5% (to 1197 kb/d).
- Altogether India, China and Turkey were responsible for 95% (-2 p.p. MoM) of Russian crude oil exports in May 2024
- Meanwhile Turkey remained top-1 buyer of Russian oil products, their imports decreased by 49 kb/d or 11% MoM while the decline of imports over March amounted to 29%. On the contrary, crude exports from Russia to Turkey increased by 120 kb/d or by 42% MoM.

Russian seaborne crude oil exports by countries, kb/d



Russian oil products exports by countries, kb/d



Source: Kpler, KSE Institute estimates

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Stream Ship Management Fzco topped the list of ten biggest shippers for a third consecutive month sanctioned by the OFAC Oil Tankers Scf Mgmt Fzc started transferring tankers to its management (please see the March 2024 issue of Russian Oil Tracker for details).

Only Olympic Shipping & Management and Dynacom Tankers Management Ltd from Greece remained in the list of top ten Russian crude shippers despite the risk of being sanctioned by the US Treasury for carrying Russian crude sold above the price cap. 8 of other top 10 shippers of Russian crude were represented by shippers registered either in the UAE, China or Russia

Russian crude oil exports by ship managers

Mar 24			Apr 24			May 24		
Ship manager	**Volume, kb/d**	**%**	**Ship manager**	**Volume, kb/d**	**%**	**Ship manager**	**Volume, kb/d**	**%**
Other	2 425	64%	Other	2148	58%	Other	2091	58%
UAE.Stream Ship Management Fzco	281	7%	UAE.Stream Ship Management Fzco	774	21%	UAE.Stream Ship Management Fzco	569	16%
UAE.Oil Tankers Scf Mgmt Fzco	242	6%	China.Sunne Co Ltd	149	4%	China.Prominent Shipmanagement Ltd	178	5%
China.Prominent Shipmanagement Ltd	181	5%	UAE.Alqutb Alshamali Marine Srvs	119	3%	UAE.One Moon Marine Services Llc	135	4%
UAE.One Moon Marine Services Llc	133	4%	Greece.Dynacom Tankers Management Ltd	105	3%	China.Sunne Co Ltd	120	3%
Greece.Dynacom Tankers Management Ltd	103	3%	China.Sino Ship Management Co Ltd	99	3%	Greece.Olympic Shipping & Management	113	3%
China.Sunne Co Ltd	95	3%	Greece.Stealth Maritime Corp Sa	78	2%	China.Sino Ship Management Co Ltd	95	3%
UAE.Alqutb Alshamali Marine Srvs	85	2%	Vietnam.Ovtrans Petrol Transport	70	2%	China.Shang Shipping Ltd	73	2%
China.Shang Shipping Ltd	77	2%	Moldova.Adel Ship Management Srl	68	2%	UAE.Alqutb Alshamali Marine Srvs	71	2%
Russia.Rosnefteflot Jsc	71	2%	China.Prominent Shipmanagement Ltd	59	2%	Russia.Rosnefteflot Jsc	71	2%
China.Sino Ship Management Co Ltd	71	2%	Greece.Eurotankers Inc	58	2%	Greece.Dynacom Tankers Management Ltd	69	2%
Total	**3 763**	**100%**	**Total**	**3727**	**100%**	**Total**	**3585**	**100%**

Source: Kpler, Equasis, KSE Institute estimates

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On the contrary to crude shipments, Greek companies continued keeping top positions in Russian oil products shipments as 4 top spots in the list of biggest shippers were occupied by Greek companies in May 2024.

Five out of ten biggest shippers of Russian oil products were Greek companies in May while both the UAE and Turkey were represented by two companies in the list

Russian oil products exports by ship managers

Mar 24			Apr 24			May 24		
Ship manager	**Volume, kb/d**	**%**	**Ship manager**	**Volume, kb/d**	**%**	**Ship manager**	**Volume, kb/d**	**%**
Other	1 627	66%	Other	1499	73%	Other	1768	74%
Turkey.Modern Gemi Isletmeciligi As	125	5%	Greece.Minerva Marine Inc	130	6%	Greece.Ims Sa	107	4%
UAE.Oil Tankers Scf Mgmt Fzco	122	5%	Greece.Ims Sa	87	4%	Greece.Eastern Mediterranean Maritime	87	4%
Greece.Ims Sa	100	4%	UAE.Fornax Ship Management	65	3%	Greece.Marine Trust Ltd-Mai	65	3%
Greece.Minerva Marine Inc	91	4%	Kuwait.Arab Maritime Petroleum Trans	54	3%	Greece.Dynacom Tankers Management Ltd	63	3%
Greece.Spring Marine Management Sa	89	4%	Greece.Eastern Mediterranean Maritime	49	2%	UAE.Fornax Ship Management	62	3%
Greece.Sea Trade Marine Sa	86	3%	Greece.Spring Marine Management Sa	47	2%	Greece.Minerva Marine Inc	53	2%
Greece.Eastern Mediterranean Maritime	69	3%	Greece.Stealth Maritime Corp Sa	34	2%	UAE.Bpt Shipping Co Llc	51	2%
Greece.Thenamaris Ships Management	62	3%	Seychelles.Jubilee Waves Corp	31	2%	Panama.Vintage Ventures 1 Inc	49	2%
Greece.Product Shipping & Trading Sa	50	2%	India.Eastern Euro Ship Management	30	1%	Turkey.Besiktas Likid Tasimacilik	49	2%
UAE.Breath Shipping Services Llc	43	2%	India.Rhine Marine Services Pvt Ltd	29	1%	Turkey.Tokyo Gemi Isletmeciligi As	41	2%
Total	**2 464**	**100%**	**Total**	**2055**	**100%**	**Total**	**2395**	**100%**

Source: Kpler, Equasis, KSE Institute estimates

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The share of Russian crude oil exports by shadow fleet increased by 3% to 86% in May 2024

- Russian crude oil exports by shadow fleet changed little MoM in May but its share in total crude shipments increased by additional 3 p.p. to 86%
- Stream Ship Management Fzco (UAE) was responsible for 18% of Russian crude shipments by shadow fleet in May. SIx Chinese companies from the top-10 list were responsible for 19% of Russian crude shipments by the shadow fleet

Russian crude oil exports by shadow fleet, kb/d

Mar 24			Apr 24			May 24		
Ship manager	**Volume, kb/d**	**%**	**Ship manager**	**Volume, kb/d**	**%**	**Ship manager**	**Volume, kb/d**	**%**
Other	1528	55%	Other	1588	52%	Other	1673	54%
UAE.Stream Ship Management Fzco	281	10%	UAE.Stream Ship Management Fzco	774	25%	UAE.Stream Ship Management Fzco	569	18%
UAE.Oil Tankers Scf Mgmt Fzco	242	9%	China.Sunne Co Ltd	149	5%	China.Prominent Shipmanagement Ltd	178	6%
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UAE.One Moon Marine Services Llc	133	5%	China.Sino Ship Management Co Ltd	99	3%	China.Sunne Co Ltd	120	4%
China.Sunne Co Ltd	95	3%	Vietnam.Ovtrans Petrol Transport	70	2%	China.Sino Ship Management Co Ltd	95	3%
UAE.Alqutb Alshamali Marine Srvs	85	3%	Moldova.Adel Ship Management Srl	68	2%	China.Shang Shipping Ltd	73	2%
Russia.Rosnefteflot Jsc	71	3%	China.Prominent Shipmanagement Ltd	59	2%	UAE.Alqutb Alshamali Marine Srvs	71	2%
UAE.Almuhit Alhadi Marine Services	56	2%	China.Intercon Marine Shanghai Co	51	2%	Russia.Rosnefteflot Jsc	71	2%
China.Hong Kong Hanyuan Shipping Co	50	2%	China.Merluza Group Ltd	50	2%	China.Intercon Marine Shanghai Co	50	2%
China.Intercon Marine Shanghai Co	50	2%	Marshall Islands.Odine Marine Inc	50	2%	China.Wealthy Carrier Ltd	48	2%
Total	**2771**	**100%**	**Total**	**3077**	**100%**	**Total**	**3083**	**100%**

Source: Kpler, Equasis, P&I Club webpage, KSE Institute estimates

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In May 2024 Russian oil products exports by shadow fleet declined by 61 kb/d or 6% while its share in total oil products shipments decreased by 9% to 37%

- Russia shipped 875 kb/d or around 37% of its oil products exports by shadow fleet in May 2024
- Emirati Fornax Ship Management topped the list of Russian oil products exports by the shadow fleet for a second consecutive months with a share of 7%. The other top shippers in the list were represented by three Turkish and Chinese companies, one more Emirati company, one ship manager registered in Panama and one in Seychelles

Russian oil products exports by shadow fleet, kb/d

Mar 24			Apr 24			May 24		
Ship manager	**Volume, kb/d**	**%**	**Ship manager**	**Volume, kb/d**	**%**	**Ship manager**	**Volume, kb/d**	**%**
Other	645	56%	Other	658	70%	Other	579	66%
Turkey.Modern Gemi Isletmeciligi As	125	11%	UAE.Fornax Ship Management	65	7%	UAE.Fornax Ship Management	62	7%
UAE.Oil Tankers Scf Mgmt Fzco	122	11%	Seychelles.Jubilee Waves Corp	31	3%	Turkey.Cape Gemi Isletmeciligi As	35	4%
UAE.Breath Shipping Services Llc	43	4%	India.Eastern Euro Ship Management	30	3%	UAE.Breath Shipping Services Llc	29	3%
UAE.Oceanlink Maritime Dmcc	33	3%	Russia.Rosewood Shipping Llc	27	3%	Panama.Amber Shipping Inc	28	3%
UAE.Fornax Ship Management	33	3%	UAE.Vroom Marine Ventures Fze	23	2%	Seychelles.Reef Marine Inc	26	3%
Turkey.Global Tankers Ltd-Abb	32	3%	Turkey.Sand Gemi Isletmeciligi As	22	2%	China.Stellar Ocean Ltd	26	3%
Marshall Islands.Pagos Shipping & Marine Inc	31	3%	Seychelles.Zenith Shipping Inc-Sey	22	2%	Turkey.Tokyo Gemi Isletmeciligi As	24	3%
Vietnam.Hung Phat Maritime Trading	30	3%	UAE.Arctictransit Maritime Ltd	22	2%	China.Shanghai Future Ship Mgmt Co	23	3%
Seychelles.First Light Marine Corp	26	2%	Marshall Islands.Pablo Union Shipping Inc	21	2%	China.Shanghai Legendary Ship Mgmt	22	3%
Kyrgyzstan.Munai Invest Llc	25	2%	China.Octans Dorne Ltd	21	2%	Turkey.White Tankers Gemi Islet	22	2%
Total	**1145**	**100%**	**Total**	**942**	**100%**	**Total**	**875**	**100%**

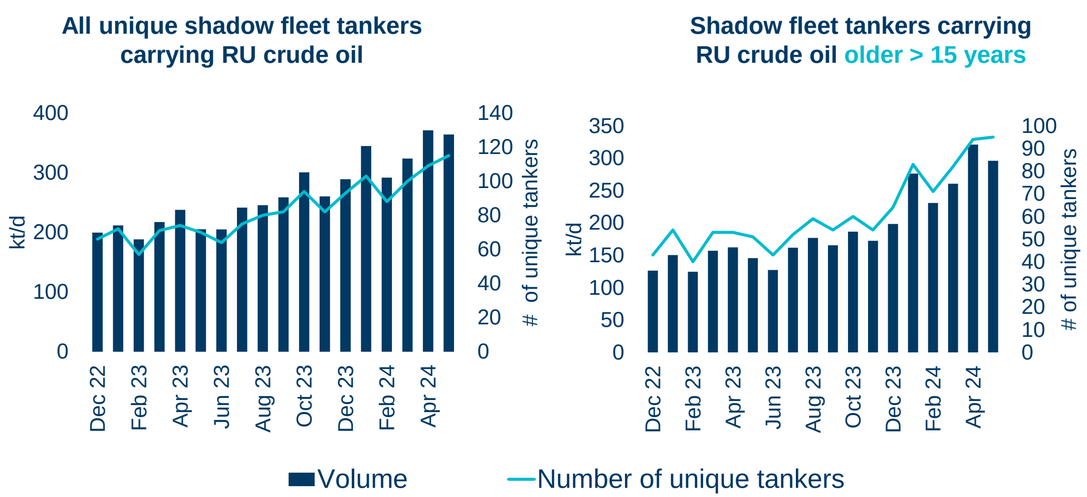
Source: Kpler, Equasis, P&I Club webpage, KSE Institute estimates

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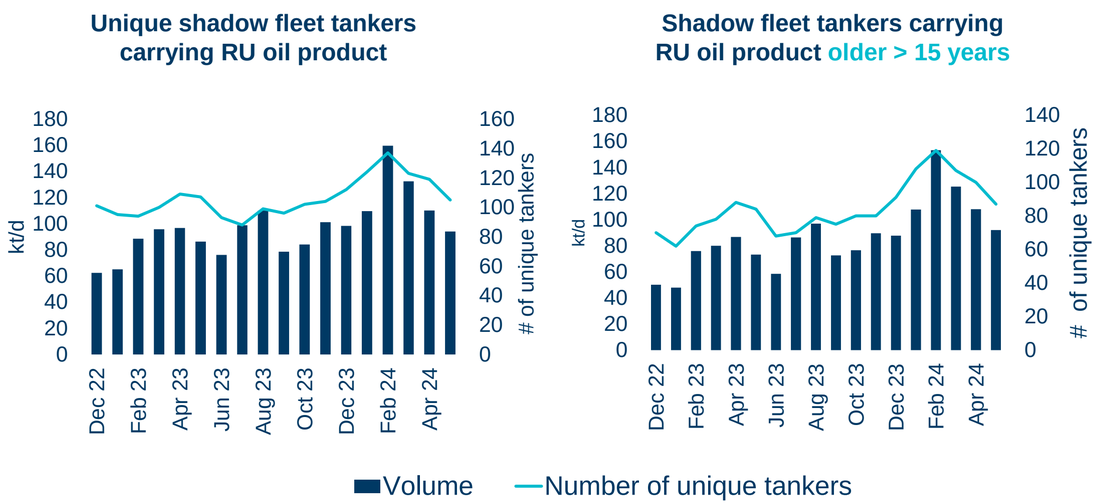
The total number of Russian shadow fleet tankers carrying crude and oil products from Russian ports decreased by 8 tankers and is estimated at 220 in May 2024

- Russian oil exporters increased the number of shadow fleet tankers carrying crude from Russian ports by 6 to 115 tankers in March 2024, while 83% of them were older than 15 years.
- The number of shadow fleet tankers carrying Russian oil products from Russian ports decreased by 14 to 105 in March 2024, while 83% of them were older than 15 years.
- Having moved into the shadow, the tankers are not likely to be properly maintained and operated increasing the probability of environment catastrophe for which Russia will refuse to pay.

Crude oil



Oil products



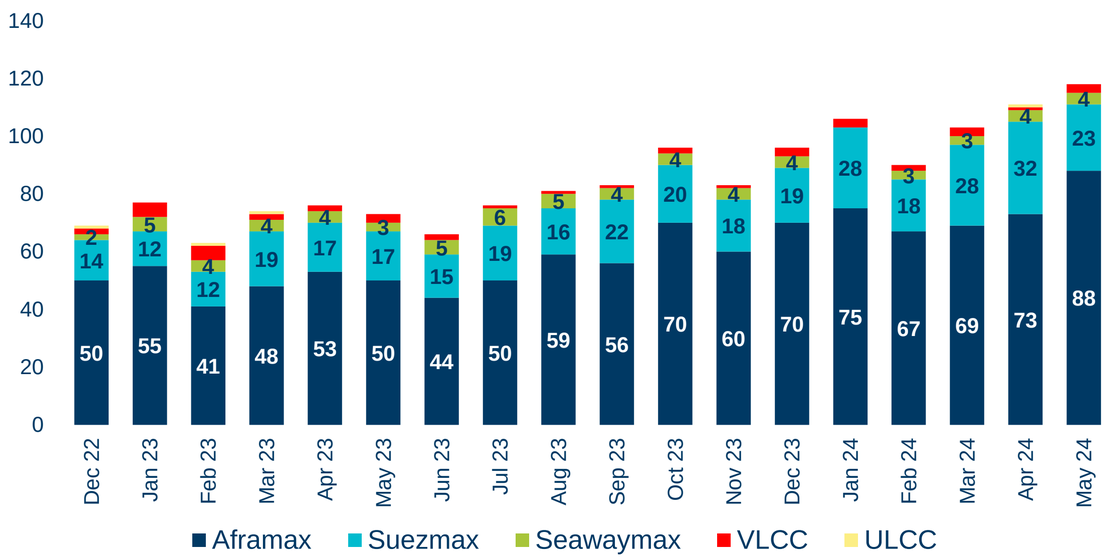
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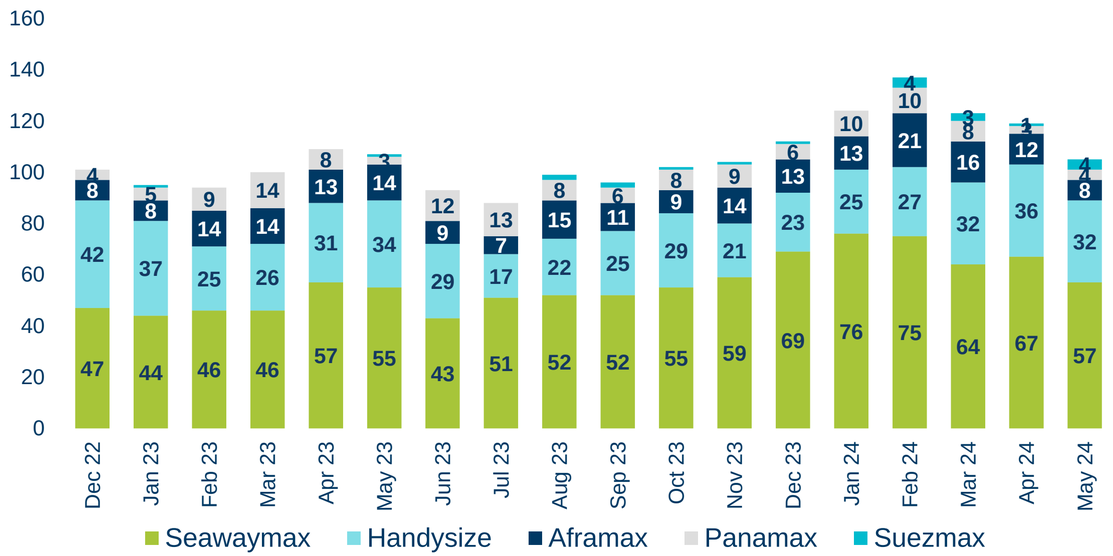
Aframax and Seuzmax are the core of Russian shadow fleet carrying crude while Seawaymax, Handysize and Aframax form the Russian shadow fleet carrying oil products.

Total Russian shadow fleet carrying oil and oil products is estimated at 223 tankers – 220 left Russian ports and 3 VLCC involved in STS transfers[1] in May 2024

Structure of Russian shadow fleet carrying crude oil, number of unique tankers



Structure of Russian shadow fleet tankers carrying oil products, number of unique tankers



[1] Note: VLCC and ULCC are too large to load at Russian ports and are loaded trough STS transfers in the sea

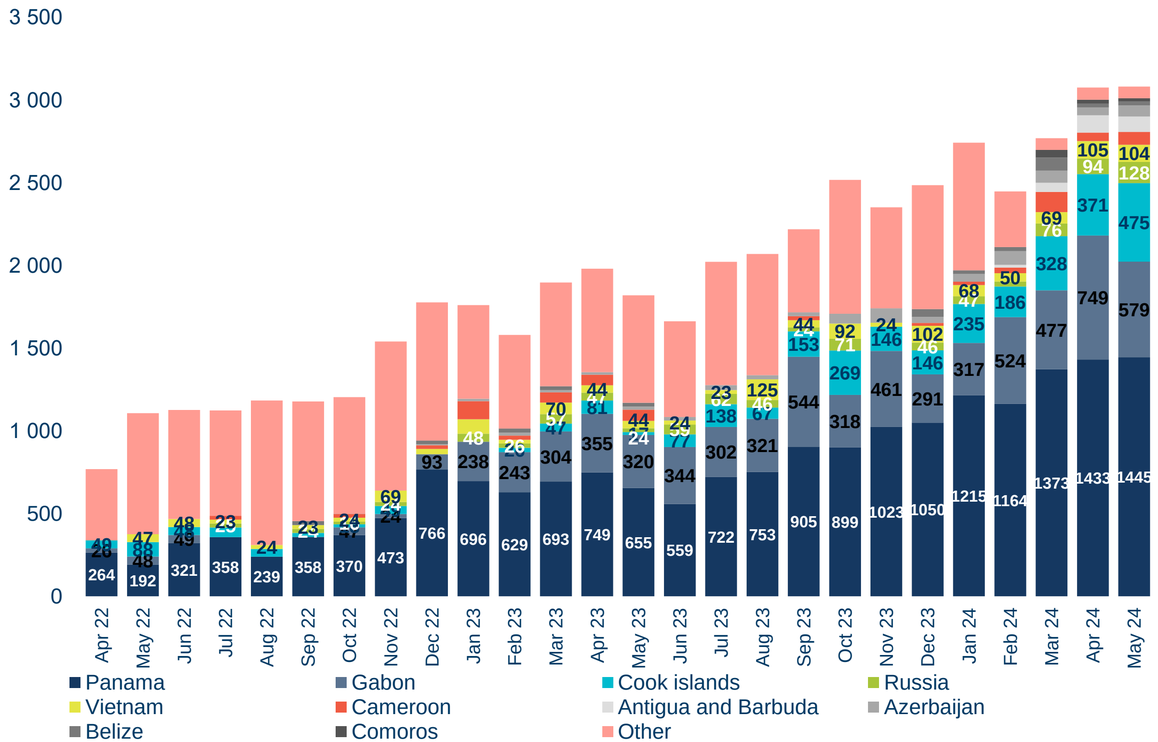
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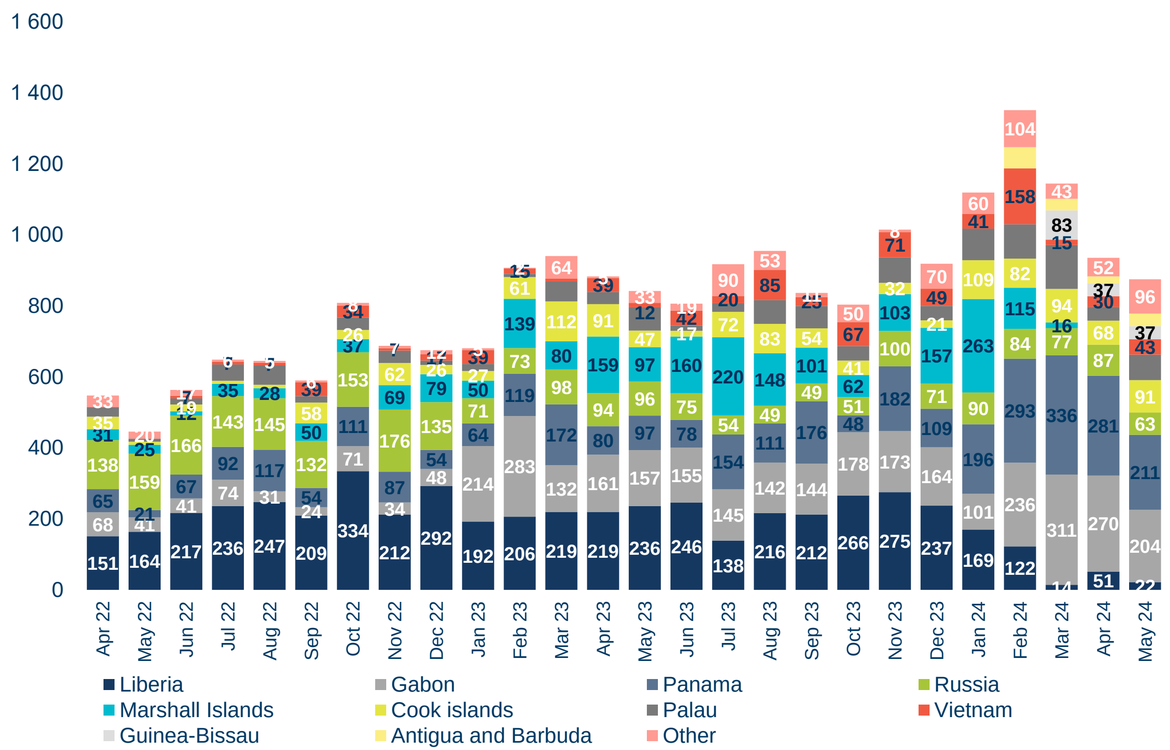
The top-3 flags of Russian shadow fleet vessels carrying both crude and products oil are Panama, Gabon and Cook Islands.

Shadow oil tankers with flags of Antigua and Barbuda, Comoros, and Guinea-Bissau started loading in Russia for the first time in 2024, while tankers with Liberia flags that kept a leading positions in 2023 stopped loading in Russian ports since March 2024.

Russian crude oil exports by shadow fleet by flag, kb/d



Russian oil products exports by shadow fleet by flag, kb/d



Source: Kpler, Equasis, P&I Club webpage, KSE Institute estimates

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As of June 12, 2024, the US Treasury sanctions on 41 vessels carrying out Russian crude sold above the price cap removed most tankers from regular commercial service but in April – June some tankers started lifting commercial cargoes from Russian ports

- 35 from the list stayed idle and had no scheduled voyages.
- Scf Primorye (IMO: 9421960) has already completed voyages with Russian oil;
- Belgorod and Bratsk (IMO: 9412359, 9411020) started voyages with Russian oil but have not completed them by the time of report release;
- Sensus and La Pride (IMO: 9296585, 9274616) have lifted non-Russian crude and oil products.

Vessel's name	IMO	OFAC decision time	Location (12 June 2024)
Scf Primorye	9421960	12.10.2023	Completed a voyage from Sheskharis (Russia) to the shores of Malaysia to unload crude to Ocean Hermana, IMO 9286229 during 24.04 - 03.06.2024. The tanker didn't load oil since October after it has been sanctioned by the US Treasury
Kazan	9258002	16.11.2023	Ballast at Japan Sea
Ligovsky Prospect	9256066	16.11.2023	Ballast at Japan Sea
Kareliya	9306782	16.11.2023	Ballast at Japan Sea
Kotlas	9299719	01.12.2023	Ballast at Baltic Sea
Viktor Bakaev	9610810	01.12.2023	Ballast at Black Sea
Avril	9322839	01.12.2023	Ballast at Mediterranean Sea
Sanar 15	9777670	20.12.2023	Loaded, actively transporting oil within the Black Sea.
Hs Esberg	9410894	18.01.2024	Ballast near Sri Lanka
Hs Buraq	9381732	18.01.2024	Ballast at East China Sea
Hs Everett	9410870	18.01.2024	Ballast at East China Sea
Hai Ii	9259599	18.01.2024	Ballast at Japan Sea
Mona	9314818	18.01.2024	Ballast at Japan Sea
Nellis	9322267	18.01.2024	Ballast at Japan Sea
Pictor	9322827	18.01.2024	Ballast at Japan Sea
Bettle	9323338	18.01.2024	Ballast at Japan Sea. Planned voyage from Yeosu on June 19, 2024
Hs Glory	9249087	18.01.2024	Ballast at Mediterranean Sea
Hs Legend	9381744	18.01.2024	Ballast at Mediterranean Sea
Kruger	9412995	18.01.2024	Ballast at Mediterranean Sea
Sara Ii	9301615	18.01.2024	Ballast at Mediterranean Sea
Sensus	9296585	18.01.2024	On June 5, 2024, loaded Gasoline products near Tripoli Lebanon from the vessel Kriti Captain, final destination unknown.

Vessel's name	IMO	OFAC decision time	Location (12 June 2024)
La Pride	9274616	18.01.2024	Scheduled loading of Mexican crude products at the East Coast Mexican port on June 21, 2024
Hs Star	9274446	18.01.2024	Partially loaded, drifting at Yellow Sea
Apus	9299745	18.01.2024	Partially loaded, drifting at Arabian Sea
Aristo	9327413	18.01.2024	Partially loaded, drifting at Mediterranean Sea
Ns Leader	9339301	08.02.2024	Ballast at Black Sea
Georgy Maslov	9610793	23.02.2024	Ballast at Baltic Sea
Anatoly Kolodkin	9610808	23.02.2024	Ballast at Black Sea
Nevskiy Prospect	9256054	23.02.2024	Ballast at Black Sea
Kaliningrad	9341067	23.02.2024	Ballast at Black Sea
Krasnoyarsk	9312896	23.02.2024	Ballast at Black Sea
Sakhalin Island	9249128	23.02.2024	Ballast at East China Sea
Krymsk	9270529	23.02.2024	Ballast at Japan Sea
Liteyny Prospect	9256078	23.02.2024	Ballast at Japan Sea
Antarktika	9413559	23.02.2024	Ballast at Japan Sea
Ns Consul	9341093	23.02.2024	Ballast at Japan Sea
Ns Lion	9339313	23.02.2024	Ballast at Japan Sea
Kemerovo	9312884	23.02.2024	Ballast at Baltic Sea
Belgorod	9412359	23.02.2024	Makes a voyage from Sheskharis (Russia) to China, during 05.06 - 28.06.2024
Bratsk	9411020	23.02.2024	On May 21, 2024, loaded Urals at Sheskharis port, final destination is unknown but tracking indicates it repeats SCF Primorye route.
Vasily Lanovoy	9621601	01.05.2024	Ballast at Baltic Sea

Source: Kpler

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Despite EU/G7 sanctions Russia new tankers come to Russia to ship its oil exports every month

14 newcomer tankers that did not ship Russian oil exports in January 2023-April 2024 were loaded in Russian ports in May 2024.

- 6 of these newcomers are a part of the the shadow fleet, from which Zambra and Arabela transported Venezuelan oil in 2022-2023;
- While 8 are a part of the ‘white (legitimate) fleet:
  - 5 are managed by EU/G7 companies;
  - 3 are managed by non-EU/G7 companies but possessed IG P&I insurance

Group	IMO	Vessel's name	Build	Type of tanker	IG' P&I Insurance	Ship manager/Commercial manager	Registered Owner	ISM Manager	Flag
Shadow fleet	9175078	Zambra	1999	Suezmax	-	China.Stellar Ocean Ltd	China.Zambra Shipping Group Ltd	China.Stellar Ocean Ltd	Panama
	9253313	Arabela	2003	Aframax	-	Seychelles.Oasis Bloom Corp	Seychelles.Oasis Bloom Corp	Azerbaijan.Anchor Elite Shipmanagement	Cook islands
	9266853	Nereus Sophia	2004	Aframax	-	China.Ocean Coral Ship Management	China.Meghan Group Ltd	China.Ocean Coral Ship Management	Panama
	9275658	Purdue Stellar	2004	Panamax	-	China.Great Times Shipping Ltd	China.Great Times Shipping Ltd	China.Shanghai Followsea Shipping Co	China
	9330472	Thorin	2007	Aframax	-	Seychelles.Noble Sphere Corp	Seychelles.Noble Sphere Corp	Azerbaijan.Marine Guardian Shipmanagement	Cook islands
	9866392	Vostochny Prospect	2023	Aframax	-	Russia.Sovcomflot	Russia.Sovcomflot	Russia.Scf Tm Ltd	Russia
EU/G7 managers with "IG' P&I	9814430	Saturn Moon	2020	Suezmax	Gard	United Kingdom.Zodiac Maritime Ltd	United Kingdom.Krultif Shipping Inc	United Kingdom.Zodiac Maritime Ltd	Liberia
	9853400	Aldebaran	2019	Aframax	Gard	Greece.Eurotankers Inc	Greece.Castellina Tankers Co Sa	Unknown	Liberia
	9278492	World Trader I	2004	Product Tanker	Japan P&I Club	Greece.Sea Trade Marine Sa	Greece.Trinity Maritime Development	Greece.Sea Trade Marine Sa	Panama
	9378864	Gladiator	2008	Suezmax	Northstandard	Greece.Dynacom Tankers Management Ltd	Greece.Tourel Ltd	Greece.Tourel Ltd	Liberia
	9772943	Sea Garnet	2017	Suezmax	Northstandard	Greece.Pantheon Tankers Management	Greece.Uranus Marine Inc	Greece.Pantheon Tankers Management	Marshall Islands
Not EU/G7 managers with 'IG' P&I	9696565	Sti Finchley	2014	Product Tanker	Britanniapandi	Monaco.Scorpio Commercial Management	Monaco.Sti Finchley Shipping Co Ltd	India.Scorpio Marine Management	Marshall Islands
	9298662	Mule	2005	Panamax	Thelondonclub	Turkey.Tokyo Gemi Isletmeciligi As	Turkey.Renz Maritime & Trading Inc	India.Rm Ship Management Pvt Ltd	Barbados
	9312080	Norsign Wave	2006	Product Tanker	West Of England	Turkey.Imza Marine Denizcilik As	Turkey.Calista Shipping Co	Turkey.Imza Marine Denizcilik As	Panama

Source: Kpler, Equasis, P&I Club webpage

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In December 2023 – May 2024, Russia used at least 14 tankers of the VLCC class or above for STS operations

- 13 out of these 14 tankers (except Onrim) carried Iranian or Venezuelan crude in 2022-2024 using STS operations, according to Kpler;
- None of these tankers is either managed or owned by a company from either EU or G7 country;
- Only 2 tankers out of 14 posses IG P&I insurance,
- 2 tankers have no flag, the other 12 have flags of non-EU/G7 countries;

IMO	Name	DWT	Type	Build	Flag	IG' P&I insurance	Ship manager/Commercial manager	Registered owner	ISM Manager	Volumes of STS operations, bbl
9237785	Nireta	316 476	VLCC	2003	Panama	None	Marshall Islands. Ocean Tranquillity Ltd	Marshall Islands. Ocean Tranquillity Ltd	China. Shining Gem Ltd	739 176
9230969	La Balena	298 330	VLCC	2001	Djibouti	None	Seychelles. Trident Agility Ltd	Seychelles. Trident Agility Ltd	Turkey. Sisalana Technik Ltd	664 462
9237072	Ligera	299 222	VLCC	2002	Djibouti	None	Seychelles. Trident Liberty Ltd	Seychelles. Trident Liberty Ltd	Turkey. Sisalana Technik Ltd	492 862
9315082	Erecter	301 021	VLCC	2008	Hong Kong, China	West of England	British Virgin Islands. Typical Profit Ltd	British Virgin Islands. Typical Profit Ltd	China. Lucky Ascend Ship Mgmt Ltd	430 080
9222455	Marbella	281 050	VLCC	2000	Panama	West of Englan	Philippines. Cardona Ship Management Servs	Philippines. Blue History Marine Inc	Unkown	419 868
9286073	Rolin	308 829	VLCC	2005	Vietnam	None	Vietnam. Vietmy Trans Co Ltd	Vietnam. Vietmy Trans Co Ltd	Vietnam. Vietmy Trans Co Ltd	328 269
9410234	Afrodita I	318 325	VLCC	2009	Not Known	None	Panama. Aqua Prime Inc	Panama. Aqua Prime Inc	India. Marine Max Ship Managemeneta	299 592
9283801	Jadear	299 868	VLCC	2004	Panama	None	China. Haijie Shipping Ltd	China. B&C Lines Ltd	China. Haijie Shipping Ltd	270 595
9288875	Mur	320 473	ULCC	2005	Comoros	None	Marshall Islands. Mur Shipping Inc	Marshall Islands. Mur Shipping Inc	China. Acacia Ship Management Ltd	247 458
9263227	Lake 2	299 079	VLCC	2003	Panama	None	Marshall Islands. Lake Shipping & Marine Inc	Marshall Islands. Lake Shipping & Marine Inc	India. Aegon Marine Llp	233 878
9321304	Alma	314 020	VLCC	2007	Djibouti	None	India. Chola Gas Shipping Pvt Ltd	Turkey. Trident Dexterity Ltd	India. Chola Gas Shipping Pvt Ltd	230 337
9328716	Sharp Ocean	302 481	VLCC	2005	Panama	None	Malaysia. Delnaz Ship Management Sdn Bhd	Malaysia. United Tankers Ltd	Malaysia. Delnaz Ship Management Sdn Bhd	218 802
9402732	Onrim	318 068	VLCC	2008	Gabon	None	Seychelles. Obsidian Shipping Inc-Sey	Seychelles. Obsidian Shipping Inc-Sey	India. Gaurik Ship Management	217 212
9281683	Anthea	281 396	VLCC	2005	Not Known	None	UAE. Oceanlink Maritime Dmcc	UAE. Drini Shipping Inc	China. Ushba Shipping Ltd	209 248

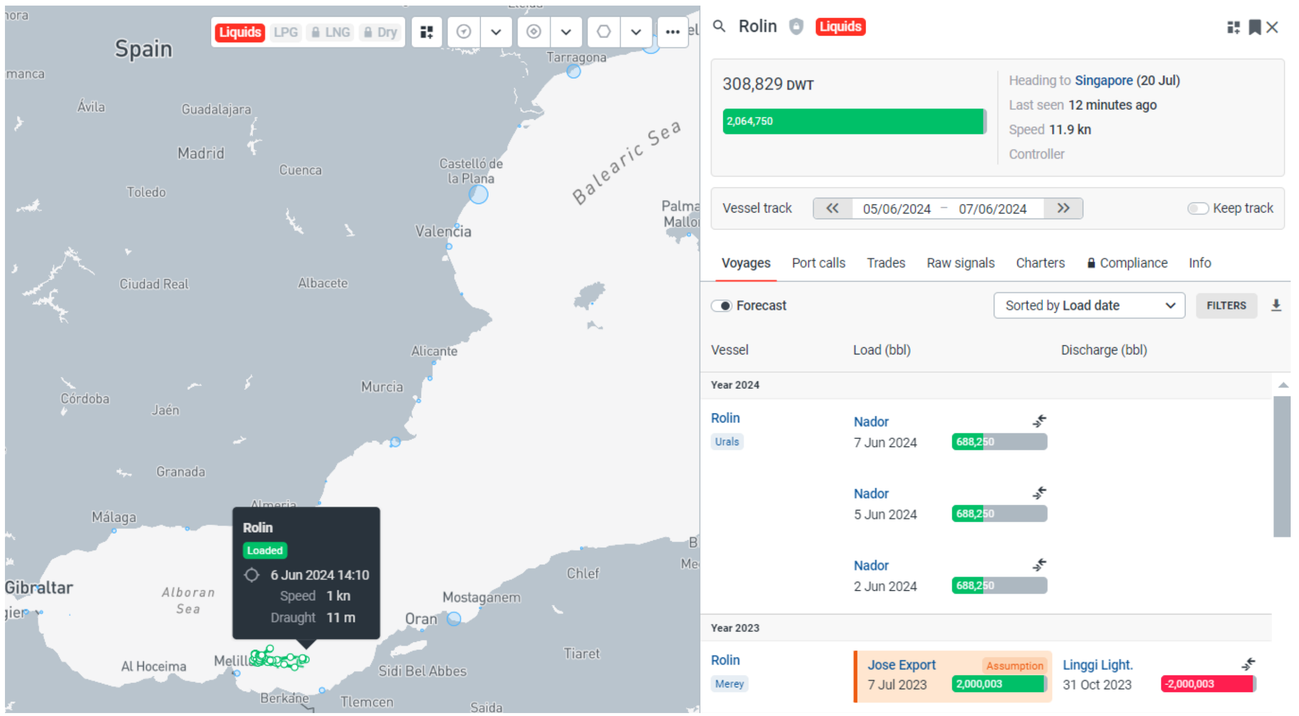
Source: Kpler, Equasis, P&I Club webpage

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Russia starts using new VLCC tankers for STS operations

- In June 2024, 2 Emirates (Sea Fidelity and Ocean Amz) and 1 Chinese tanker (Serendi) without ‘IG’ P&I insurance transshipped Russian oil to a Vietnamese VLCC tanker (Rolin) without ‘IG’ P&I insurance as well.

- According to Kpler, Rolin, was used to ship oil from Venezuela (Port of Jose Terminal) in 2023.



Date (origin)	IMO	Vessel	IG' P&I insurance	Ship manager	Installation origin	Volume (bbl)	Grade	Seller (origin)	Zone STS	Date Start STS	Volume STS	IMO	Vessel	IG' P&I insurance	Ship manager
20.05.2024	9285835	Sea Fidelity	None	UAE. One Moon Marine Services Llc	Primorsk	688249	Urals	Lukoil	Nador	07.06.2024	109423	9286073	Rolin	None	Vietnam. Vietmy Trans Co Ltd
19.05.2024	9394935	Ocean Amz		UAE. One Moon Marine Services Llc		688249				05.06.2024	109423				
17.05.2024	9296810	Serendi		China. Polaris Shipmanagement Ltd		688249				02.06.2024	109423				

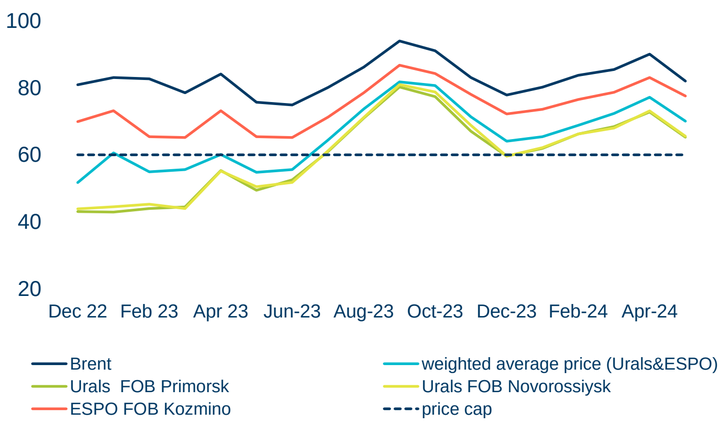
Source: Kpler, Equasis, P&I Club webpage

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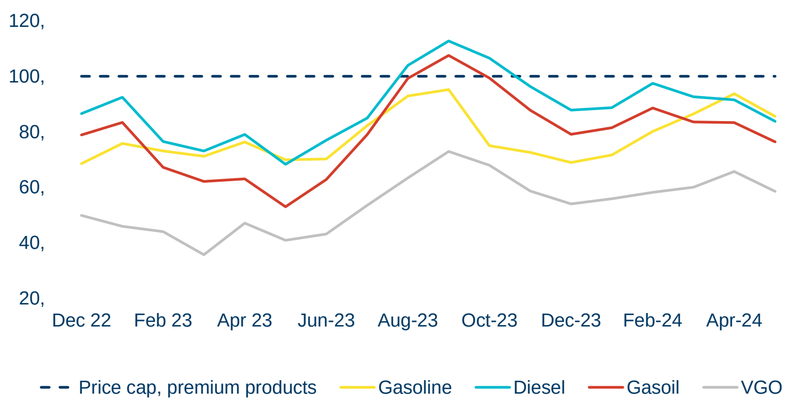
In May 2024, average Urals FOB Primorsk and Novorossiysk decreased by ~$7.6/bbl but still traded ~$5/bbl above the price cap. The discount of Urals to Brent narrowed by ~$0.5/bbl while for ESPO it declined by ~$2.6/bbl over previous month

- In May 2024, Urals FOB Primorsk and Novorossiysk decreased by $7.5/bbl and $7.6/bbl to around $65.3/bbl and 65.6/bbl respectively.
- The discounts on Urals FOB Primorsk and Novorossiysk to Dated Brent narrowed by $0.6/bbl and $0.5/bbl MoM and was estimated at $16.7/bbl and $16.5/bbl. At the same time, the discount on Urals DAP West Coast India to Dubai M1 doubled to $5.83/bbl
- ESPO FOB Kozmino decreased by $5.5/bbl to $83.1/bbl while the discount to Brent narrowed by $2.6/bbl to $4.4/bbl in May.
- Prices for Russian diesel and gasoil decreased by $7.7/bbl and $6.9/bbl MoM to $83.8/bbl and $76.4/bbl respectively. The price of gasoline decreased by $8.1/bbl to $85.6/bbl. The price of VGO which had to be placed to discounted products instead of the premium ones declined by $7.2/bbl to $58.5/bbl MoM in May.
- Price for fuel oil and. naphtha decreased by $2.2/bbl and $3.2/bbl MoM to $50.9/bbl and $53.2/bbl. Thus, both fuel oil and naphtha continued trading significantly above the price cap in May 2024.

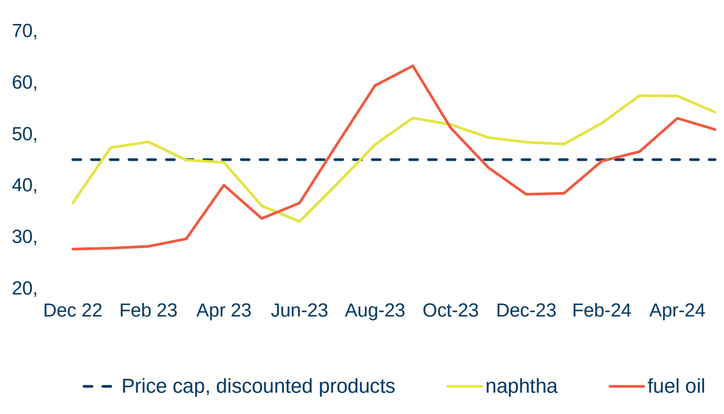
Russian Crude FOB Export Prices



Russian Premium Products FOB Export Prices



Russian Discounted Products FOB Export Prices



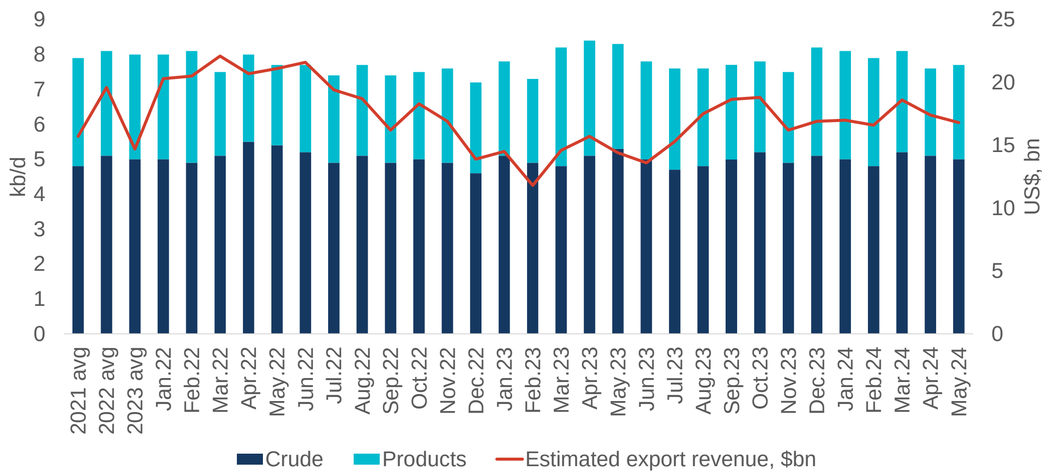
Source: IEA (2024), Oil Market Report – May 2024, IEA, Paris, WB Commodity Prices (Brent)

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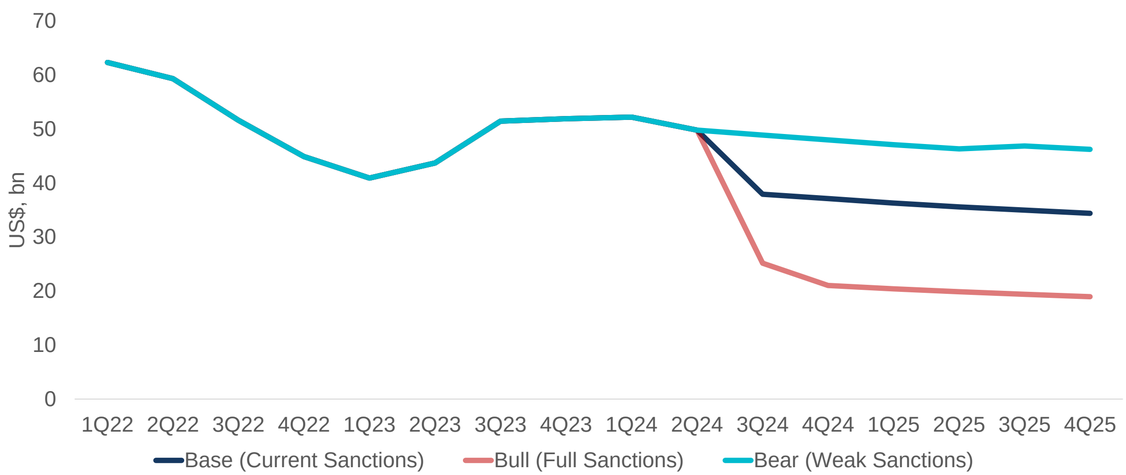
In May 2024 Russian oil export revenues decreased by ~ 0.6 bn to $16.8 bn. KSE Institute projects revenues to reach robust $177 bn and $141 bn in base case scenario in 2024 and 2025 respectively, but the scenario outcomes are sensitive to sanctions enforcement

- Despite higher oil exports volumes, Russian oil export revenues declined for a second consecutive month to $16.8 bn in May on lower world oil prices.
- The KSE Institute projects that in the base case with current oil price caps and status quo of sanctions but their stronger enforcement, revenues will reach $177 bn and $141 bn in 2024 and 2025 respectively compared to $218 bn and $186 bn in 2022 and 2023, respectively. Total Russian oil exports goes down to 7.3 mb/d in 2024.
- In the bull sanctions case, with lower price cap equivalent to $40/bbl discount to forecast Brent prices, revenues are expected to fall to $148 bn and $79 bn in 2024 and 2025, respectively. Total Russian oil exports goes down to 6.4 mb/d in this scenario in 2024.
- On the contrary, in the bear case, with US$ 10/bbl discount to forecast Brent prices, and less decline in oil export volumes, revenues will increase to robust $198 bn and $186 bn in 2024 and 2025, respectively. Total Russian oil exports amounts to around 7.8 mb/d in this scenario.

Russian Oil Exports and Revenues, kb/d, US$ bn



Russian Oil Earnings by Scenarios, US$ bn



Source: IEA Oil Market Reports, KSE Institute estimates

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Policy Recommendations

Bold measures are needed as Russia's oil is slipping beyond G7 reach.

The Q4 2023 data suggest that problems with price cap implementation and enforcement are much bigger than previously expected. To ensure that sanctions continue to constrain Russia's ability to wage its war of aggression on Ukraine—and that their credibility is maintained—additional steps urgently need to be taken. Below, we outline three critical measures that can quickly and effectively address Russian effort to evade sanctions on its oil exports.

1. **G7/EU countries should ensure that their authorities have sufficient proof of compliance with the price cap,** including by: a) leveraging the involvement of G7/EU financial institutions in the Russian oil trade and their knowledge of key transaction details such as prices; b) requiring attestations to be provided by reputable entities defined via transparent criteria and subject to sanctions in the case of violations or their facilitation; and/or c) stepping-up of documentary evidence requirements for G7/EU service providers under the current system (including original sales contracts, etc.).
2. **EU coastal states should leverage geographical "choke points" to limit Russia's use of a "shadow fleet"** of tankers by requiring proper spill insurance for vessels' passage through their territorial waters, including in the Baltic Sea and Mediterranean. This would force Russia to rely once again on G7/EU services for a substantial share of its exports and also help address environmental risks that have emerged due to the increasing use of old and under-insured tankers. For this purpose, a system to allow for timely and efficient verification of insurance information should be established.
3. **Price cap coalition countries should step up penalties on entities that violate the price cap.** For G7/EU companies, this should include tougher monetary penalties and expanded lockout periods. For third-country actors, price cap coalition countries should impose "direct" sanctions (e.g., SDN listing in the United States or use of the European Union's anti-circumvention tool established in the 11th package) and consider the application of extraterritorial ("secondary") sanctions, leveraging the continued critical importance of its financial system for internationally operating businesses.

[1] Please see for analysis and detailed recommendation: The International Group of Working Sanctions, September 4, 2023, Using Energy Sanctions to Shorten the War, Working Paper #14, https://fsi9-prod.s3.us-west-1.amazonaws.com/s3fs-public/2023-09/working_paper_14_-_using-energy-sanctions_09-04-23.pdf