Medium-Term

Business Segment Data ➤ Segment Overview

Segment **Business Overview** Business

Coal & Iron Ore Carrier Business / **Bulk Carrier** Business



We transport a large volume of dry bulk cargoes including iron ore, iron and steel products (steel stock), woodchip, grain and coal. We are expanding our business internationally by actively engaging in transportation of cargoes bound for not only Japan but also Korea, China, India and the Middle East, as well as trade between third countries within the Atlantic region. We are taking on the challenge of low/decarbonization such as wind power, biofuel, LNG fuel, methanol fuel, and ammonia fuel.

Tanker Business / **Fuel Business**



We transport oil-related cargoes such as crude oil and liquefied petroleum gas (LPG). We have developed a global business for customers both in Japan and overseas since the completion of the first large tanker in 1935, the first LPG tanker in 1974 and the new dual-fuel LPG/ammonia carrier AXIS RIVER in 2023. In addition to procuring bunker fuel (heavy oil, marine diesel oil, LNG, biofuel, etc.) for "K" LINE fleets, the Fuel Business conducts study projects of LNG / ammonia bunkering and liquefied hydrogen carriers aimed at enhancing fleet environmental

Vessel types Cargo types Iron ore, coking coal and bauxite Capesize Panamax Steaming coal, iron ore, grain, salt, nickel ore, steel Handymax products and alumina, etc. Small handy Woodchip carriers Woodchip, etc.

Energy Resource **Transport**

Dry Bulk

Electricity and Offshore Business



Our "Corona Series" of wide-beam, shallow-draft coal carriers, developed in-house in accordance with port restrictions of Japan's thermal power plants, provides safe and reliable transportation of coal mainly to power utility companies in Japan and Taiwan. In the Offshore Business, we participate in a drillship project off Brazil and a floating production, storage and offloading system (FPSO) off Ghana.

LNG Carrier Business / Carbon-Neutral **Promotion Business**



In the LNG Carrier Business, we offer global transportation of LNG, a fuel source for which demand is increasing worldwide, and provide service to customers with diversifying needs across the LNG value chain. In the Carbon-Neutral Promotion Business, we promote business development related to renewable energy, including offshore wind power generation; carbon capture, utilization, and storage (CCUS); and alternative fuels.

Car Carrier **Business**



Since developing and introducing Japan's first pure car carrier (PCC) in 1970, we have continued to provide high-quality transportation service of passenger cars, trucks and other vehicles globally. The business will further enhance its RORO cargo services (roll-on, roll-off cargo services using specialized handling equipment) based on knowledge honed over 50 years. An LNGfueled car carrier was delivered in fiscal 2020 and fleet optimization is conducted with special care for environmental factors.

Product

Logistics

Logistics and Terminal Business



We provide comprehensive logistics services to meet various customer needs for ocean cargo transportation as well as air cargo transportation, tugboats, land transportation, warehousing, and automotive logistics. In addition, we operate container terminals at four ports in Japan-Tokyo, Yokohama, Osaka, and Kobe

Short Sea and Coastal Business



Kawasaki Kinkai Kisen Kaisha, Ltd. provides domestic marine transportation and ferry services. It operates ferries, RORO vessels, dedicated limestone carriers for steel mills, dedicated thermal coal carriers for electric power utilities and also general cargo carriers. It also operates general cargo and bulk carriers for cargo to and from Asia. Furthermore, it has started offshore support vessel operations around Japan to further enhance the business.

Containership **Business**



In April 2018, the containership businesses of three Japanese shipping companies were integrated to form a new company, ONE. The "K" LINE Group currently operates a containership fleet of over 200 vessels totaling 1.52 million TEU. Through our extensive service network covering more than 120 countries worldwide, we provide reliable and prompt international transpor-

Other

Ship management business, travel agency business, and real estate rental and management business

Vessel types	Cargo types / Business							
Oil tanker / VLCC								
Oil tanker / Aframax	Crude oil							
LPG carriers	Liquefied petroleum gas (propane / butane)							
LNG bunkering vessel	LNG as marine fuel							
Thermal coal carriers	Steaming coal, etc.							
Drillship mobile	Offshore drilling unit							
FPSO	Floating production storage and offloading system							
LNG carriers	LNG							

Vessel types	Cargo types								
Car carriers	Complete built-up cars, large vehicles (bus / trucks etc), construction machinery, agricultural machinery, static cargo, etc.								
Short sea, coastal ships, and RORO vessels	Coking coal, limestone, steel products, biomass power generation fuel, paper products, foods and construction materials, etc.								
Containerships	General consumer goods, parts, industrial products, precision machinery, food, wood products, dry cargo such as raw materials, etc., and frozen food, etc.								

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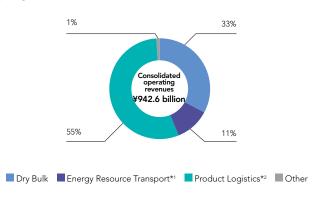
Business Segment Data

Segment Overview /
Number of Vessels in Operation

"K" LINE at a Glance Medium-Term
Management Plan FY2022

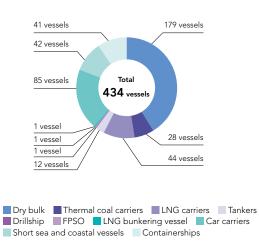
➤ Business Segment Data ESG / Sustainability Outline of the Company / Stock Information

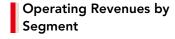
"K" LINE Group Operating Revenues by Segment (FY2022)

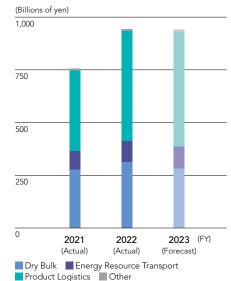


- *1. The Energy Resource Transport segment includes the Tanker and Fuel Business, Electricity and Offshore Business, LNG Carrier Business, and Carbon-Neutral Promotion Business.
- *2. The Product Logistics segment includes the Car Carrier Business, Logistics Business, Terminal Business, Short Sea and Coastal Business, and Containership Business.

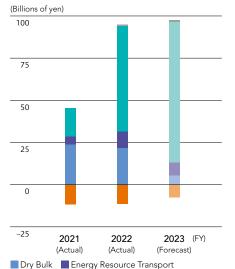
"K" LINE Group Vessels in Operation (as of March 31, 2023)



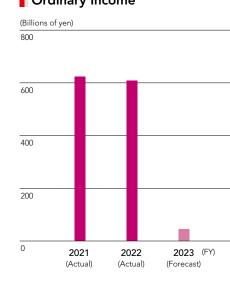




Ordinary Income (Loss) by Segment ("K" LINE's Own Businesses)



Containership Business Ordinary Income



Note: FY2023's forecasts for operating revenues by segment, ordinary income by segment ("K" LINE's own businesses), and the Containership Business's ordinary income are as of February 2024.

Product Logistics (excluding Containership)

Other Adjustment

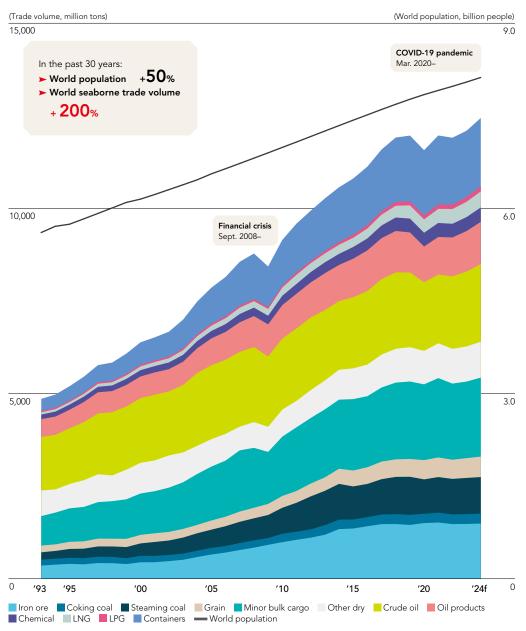
■ "K" LINE Group Vessels in Operation

			Ε\.	(2020			FV2004							F\\2000					
	Owned		FY2020 Chartered		Total		Owned		FY2021 Chartered		Total		Owned		FY2022 Chartered		Total		
Type of vessel	e of vessel Vessels DWT (MT)		Vessels DWT (MT)		Vessels DWT (MT)		Vessels DWT (MT)		Vessels DWT (MT)		Vessels DWT (MT)		Vessels DWT (MT)		Vessels DWT (MT)		Vessels DWT (MT)		
Dry bulk	52	6,290,705	129	16,796,331	181	23,087,036	48	5,888,871	126	16,601,473	174	22,490,344	50	6,119,663	129	16,509,739	179	22,629,402	
Thermal coal carriers	6	527,434	21	1,891,180	27	2,418,614	8	702,581	23	2,059,852	31	2,762,433	8	702,507	20	1,805,786	28	2,508,293	
LNG carriers	42	3,579,351	2	152,272	44	3,731,623	41	3,499,795	2	152,272	43	3,652,067	43	3,590,640	1	77,163	44	3,667,803	
Tankers	11	1,719,494	5	776,868	16	2,496,362	11	1,658,699	4	722,598	15	2,381,297	9	1,869,817	3	410,808	12	2,280,625	
Offshore support vessels	6	29,186	0	-	6	29,186	0	_	0	-	0	_	0	-	0	_	0	_	
Drillship	1	_	0	_	1	_	1	_	0	_	1	_	1	_	0	_	1	_	
FPSO	1	_	0	_	1	_	1	_	0	_	1	_	1	_	0	_	1	_	
LNG bunkering vessel	1	2,431	0	-	1	2,431	1	2,431	0	-	1	2,431	1	2,431	0	_	1	2,431	
Car carriers	33	442,571	46	854,046	79	1,296,617	33	446,112	50	916,112	83	1,362,224	31	439,338	54	974,458	85	1,413,796	
Short sea and coastal vessels	25	235,937	18	235,986	43	471,923	25	233,488	19	255,558	44	489,046	24	234,374	18	171,304	42	405,678	
Containerships	7	460,448	36	3,503,346	43	3,963,794	11	849,856	30	2,970,195	41	3,820,051	11	849,856	30	2,970,195	41	3,820,051	
Total	185	13,287,557	257	24,210,029	442	37,497,586	180	13,281,833	254	23,678,060	434	36,959,893	179	13,808,626	255	22,919,453	434	36,728,079	

Notes: 1. The number of owned vessels includes co-owned vessels, and deadweight tonnage (DWT) includes shares of other companies' ownership in co-owned vessels

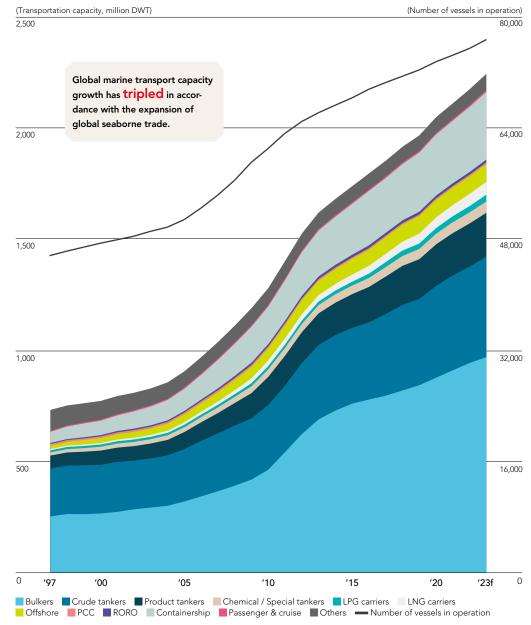
2. Includes flagships and spot and short-term activities at the end of term.

■ World Seaborne Trade Volume by Major Cargoes and World Population



Source: Based on Clarksons Shipping Review & Outlook March 2023 and database of the Ministry of Internal Affairs and Communications, Japan, etc.

■ Total World Transportation Capacity and Number of Vessels in Operation



Source: Based on Clarksons Shipping Review & Outlook March 2023