

World Reefer

The 21st Issue



VAN OCEAN SHIPPING CO., LTD.

NEW ZEALAND

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PREFACE

With global warming, the range of traditional cold-chain transport spreads from primary aquatic products to medicine, chemical industry and other fields, which shows a strong market adaptability and real economic benefits. It has become increasingly apparent than common logistics. Ocean shipping industry has always occupied a top position in global trade transport and also a decisive position in cold-chain transport industry.

According to market research report, the total amount of fresh products transported through ocean shipping by two ways of traditional reefer carriers and reefer containers reaches 105.5 million tons last year. Currently, the transport volume of fresh products has accounted for 2.7% of world's dry cargo by ocean shipping.

Indian ship scraping price has been maintained above 400 usd in 2017, under which background, more than dozens of reefer carriers was scraped worldwide. Now, total remaining number of reefer carriers in the world has descended down to around 600.

European reefer operation companies now focus on developing and maintaining fruits trade from southern hemisphere, which results in price fall of reefer container. With more and more fierce competition in reefer container industry, market demand for traditional large-size reefer carriers shall reduce year by year.

Looking through China reefer carriers market in recent two years, "Evolution" is the main line. This situation depends on the stable high price in Indian ship scraping market and young vessels new in market. Checking the global market, we can easily find that there are not many choices to vessels with 90' s built and 300000 cbft capacity and the youngest vessel is about 12 years old. We can definitely conclude that the year of 2018 is the best stage of the new superseding the old.

We, Van Ocean, have successfully handed over 100 reefer carriers in last decades of years, which holds the best record in China reefer ship market. In 2018, we shall provide excellent service even more to our customers.

Mr. Joe Zhou
President

VAN OCEAN SHIPPING CO., LTD.
NEW ZEALAND



NAME	VESSEL DATA
FLAG	LIBERIA
PORT OF REGISTRY	MONROVIA
BUILT YEAR	1990
BUILT PLACE	SHIKOKU DOCK YARD, JAPAN
CLASSIFICATION	NK
LOA (M)	146.29
BEAM (M)	18.50
DEPTH (M)	10.65
SUMMER DRAFT (M)	7.47
GT (MT)	7089.00
NT (MT)	3601.00
SUMMER DWT (MT)	7242.00
LDT (MT)	3971.00
GEAR(S)	DERRICKS, 8 x 4.50MT OR 4 x 3.50MT UP
M/E(S)	mitsubishi B&W 6L50MC 8370BHP 128RPM(MCR)

NAME	VESSEL DATA
M/E POWER (KW)	6246
A/E(S)	YANMAR M22L - SN 900PS 720RPM
SPEED/CONSUMPTIONS	19KTS ON 26.20MT(IFO380) +4.50MT(IFO380)
BUNKER CAPACITY (CBM)	1170
TANKS CAPACITY (CBM)	MDO: 75.00
NUMBER OF CARGO HOLDS	4
HATCH NUMBER	4
HATCH SIZE (M)	9.00 x 7.50
COMPARTMENT(S)	13
DECK(S)	3
CARGO CAPACITY (CBFT)	373588
CARGO CAPACITY (CBM)	10579
TEMPERATURE ZONE(S)	8
TEMPERATURE (°C)	-30 / +15
DELIVERY	JULY IN WEST AFRICA
PRICE	USD 3.5 MILLION



NAME

VESSEL DATA

FLAG	PANAMA
PORT OF REGISTRY	TARAWA
BUILT YEAR	1992
BUILT PLACE	KAOHSIUNG TAIWAN FONG KUO SHIPBUILDING CO., LTD.
CLASSIFICATION	ISC (INTERNATIONAL SHIP CLASSIFICATION)
LOA (M)	97.40
BEAM (M)	16.40
DEPTH (M)	8.80
SUMMER DRAFT (M)	5.49
GT (MT)	2839.00
NT (MT)	945.00
SUMMER DWT (MT)	2300.00
GEAR(S)	DERRICKS, 6 x 3.00MT
ME(S)	DAIHATSU 8DLM-32 3000PS 600RPM
ME POWER (KW)	2206
A/E(S)	3 x DAIHATSU 6DL-16 600PS 1200RPM

NAME

VESSEL DATA

COOLING SYSTEM (COMPRESSOR)	4 x MYCOM SF-42 75KW R-22
SPEED/CONSUMPTIONS	BALLAST 14.7KTS ON 8.60MT (MDO) + 1.70MT (MDO)
FUEL TYPE	IFO, MDO
BUNKER CAPACITY (CBM)	1199
NUMBER OF CARGO HOLDS	3
HATCH NUMBER	3
HATCH SIZE (M)	UPPER DECK: 4.80 x 4.80 SECOND DECK: 6.90 x 4.80 (NO. 1 HATCH); 7.00 x 4.80 (NO. 2&3 HATCH)
COMPARTMENT(S)	3
DECK(S)	2
CARGO CAPACITY (CBFT)	127000
CARGO CAPACITY (CBM)	3597
TEMPERATURE ZONE(S)	6, 1A/B, 2A/B, 3A/B
TEMPERATURE (°C)	-30/+10
DELIVERY	SOUTHEAST ASIA
PRICE	USD 2.2 MILLION



NAME

VESSEL DATA

FLAG	LITHUANIA
PORT OF REGISTRY	KLAIPEDA
BUILT YEAR	1989
BUILT PLACE	SHIKOKU DOCKYARD JAPAN
CLASSIFICATION	LR
LOA (M)	136.02
BEAM (M)	18.00
DEPTH (M)	10.50
SUMMER DRAFT (M)	7.32
GT (MT)	5899.00
NT (MT)	2869.00
SUMMER DWT (MT)	6565.00
LDT (MT)	3528.00
GEAR(S)	DERRICKS, 8 x 4.50MT OR UP 3.50MT
ME(S)	mitsui B&W 5L50MCE 6250PS 133RPM
ME POWER (KW)	4597

NAME

VESSEL DATA

A/E(S)	3 x YANMAR M200L-EN 750PS
COOLING SYSTEM (COMPRESSOR)	3 x MAEKAWA MYCOM R22
SPEED/CONSUMPTIONS	BALLAST 17.50KTS ON 17.60MT (IFO380)
BUNKER CAPACITY (CBM)	821
TANKS CAPACITY (CBM)	MDO: 84.00 BALLAST: 982.00 FRESH WATER: 220.00
NUMBER OF CARGO HOLDS	4
HATCH NUMBER	4
HATCH SIZE (M)	7.00 x 6.00
DECK(S)	3
CARGO CAPACITY (CBFT)	296554
CARGO CAPACITY (CBM)	8397
TEMPERATURE ZONE(S)	8
TEMPERATURE (°C)	-25/+15
DELIVERY	WEST AFRICA
PRICE	USD 3.5 MILLION



04

NAME

VESSEL DATA

DEEP FREEZING OR NOT	YES
FLAG	VANUATU
BUILT YEAR	1996
BUILT PLACE	KYOKUYO SHIPYARD CORPORATION, JAPAN
CLASSIFICATION	NK
LOA (M)	120.75
BEAM (M)	16.60
DEPTH (M)	10.00
GT (MT)	4493.00
PANAMA GT (MT)	4493.00
SUEZ GT (MT)	4969.34
NT (MT)	2125.00
PANAMA NT (MT)	2125.00
SUEZ NT (MT)	3936.97
SUMMER DWT (MT)	5057.00
GEAR(S)	DERRICKS, 8 x 3.50MT
M/E(S)	B&W 6L35MC 4070PS
M/E POWER (KW)	2993

NAME

VESSEL DATA

COOLING SYSTEM (COMPRESSOR)	FROZEN AIR CIRCULATION GRID COIL
SPEED/CONSUMPTIONS	AT SEA: 14.50KTS ON 12.30MT (IFO)
FUEL TYPE	IFO
BUNKER CAPACITY (CBM)	986
TANKS CAPACITY (CBM)	MDO: 387.29 FW: 202.41
NUMBER OF CARGO HOLDS	4
HATCH NUMBER	4
HATCH SIZE (M)	4.00 x 4.00
CARGO CAPACITY (CBFT)	202491
CARGO CAPACITY (CBM)	5734
TEMPERATURE (°C)	-50/+12
DELIVERY	SOUTHEAST ASIA
PRICE	USD 5.8 MILLION



NAME

VESSEL DATA

FLAG	BAHAMAS
PORT OF REGISTRY	NASSAU
BUILT YEAR	1991
BUILT PLACE	FUKUOKA, JAPAN
CLASSIFICATION	DNV
LOA (M)	119.55
BEAM (M)	18.60
DEPTH (M)	10.25
SUMMER DRAFT (M)	7.76
WINTER DRAFT (M)	7.60
TROPICAL DRAFT (M)	7.93
GT (MT)	5617.00
NT (MT)	3506.00
SUMMER DWT (MT)	7075.00
GEAR(S)	DERRICKS, 8 x 5.00MT OR 4 x 3.00MT IN UP
M/E(S)	mitsubishi 6UEC45LA 6490BHP 153RPM
M/E POWER (KW)	4835
A/E(S)	2 x 630KW 450V 60HZ AC

NAME

VESSEL DATA

COOLING SYSTEM (COMPRESSOR)	R22 DIRECT EXPANSION
SPEED/CONSUMPTIONS	BALLAST 17.50KTS ON 17.50MT (IF O380) + 1.50MT (IF O380)
BUNKER CAPACITY (CBM)	1041
TANKS CAPACITY (CBM)	MGO: 91.00
NUMBER OF CARGO HOLDS	4
HATCH NUMBER	4
HATCH SIZE (M)	9.00 x 7.50
DECK(S)	3
DECK HEIGHT (M)	≥ 2.20
CARGO CAPACITY (CBFT)	302047
CARGO CAPACITY (CBM)	8553
TEMPERATURE ZONE(S)	8, 1A/BC, 2A/BC, 3A/BC, 4A/BC
TEMPERATURE (°C)	-30/+15
DELIVERY	WEST AFRICA
PRICE	USD 4.5 MILLION



NAME

VESSEL DATA

FLAG	LIBERIA
PORT OF REGISTRY	MONROVIA
BUILT YEAR	1993
BUILT PLACE	JAPAN
CLASSIFICATION	BV
LOA (M)	130.50
BEAM (M)	19.00
DEPTH (M)	10.10
SUMMER DRAFT (M)	7.77
WINTER DRAFT (M)	7.61
TROPICAL DRAFT (M)	7.93
GT (MT)	6363.00
NT (MT)	4297.00
SUMMER DWT (MT)	7387.00
GEAR(S)	DERRICKS, 8 x 5.00MT OR 4 x 5.00MT UP CRANE, 1 x 36.00MT
ME(S)	1 x MITSUBISHI 6UEC52LA 9592HP

NAME

VESSEL DATA

ME POWER (KW)	7060.00
FUEL TYPE	IFO380
BUNKER CAPACITY (CBM)	954
TANKS CAPACITY (CBM)	MDO: 92.00 MGO: 86.00
NUMBER OF CARGO HOLDS	4
HATCH NUMBER	4
HATCH SIZE (M)	6.20 x 7.40
COMPARTMENT(S)	15
DECK(S)	4
DECK HEIGHT (M)	≥2.20
CARGO CAPACITY (CBFT)	371412
CARGO CAPACITY (CBM)	10521
TEMPERATURE ZONE(S)	8, 1AB/CD, 2AB/CD, 3AB/CD, 4AB/CD
TEMPERATURE (°C)	-30/+15
DELIVERY	AFRICA
PRICE	BUYERS OFFER



NAME	VESSEL DATA
FLAG	LIBERIA
PORT OF REGISTRY	MONROVIA
BUILT YEAR	1997
BUILT PLACE	KITANIHON ZOESEN, JAPAN
CLASSIFICATION	BV
LOA (M)	143.00
BEAM (M)	22.00
DEPTH (M)	13.00
SUMMER DRAFT (M)	7.00
GT (MT)	8879.00
NT (MT)	4366.00
SUMMER DWT (MT)	6757.00
GEAR(S)	DERRICKS, 8 x 6.00MT CANRE, 1 x 40.00MT
M/E(S)	MITSUBISHI 7UEC50L SLL 12900BHP 124RPM
M/E POWER (KW)	9628
A/E(S)	3 x 882KW

NAME	VESSEL DATA
GENERATOR(S)	3 x 800KW
SPEED/CONSUMPTIONS	LADEN 19.30KTS ON 96.00MT (IFO380) +5.00MT (IFO380)
FUEL TYPE	IFO380
BUNKER CAPACITY (CBM)	1683
TANKS CAPACITY (CBM)	MDO: 132.00
NUMBER OF CARGO HOLDS	4
HATCH NUMBER	4
HATCH SIZE (M)	7.00 x 8.00
COMPARTMENT(S)	15
DECK(S)	2
CARGO CAPACITY (CBFT)	524310
CARGO CAPACITY (CBM)	14853
FLOOR SPACE CAPACITY (SQM)	5939
TEMPERATURE ZONE(S)	8
DELIVERY	SOUTHEAST ASIA
PRICE	USD 3.8 MILLION



NAME

VESSEL DATA

FLAG	LIBERIA
BUILT YEAR	1993
BUILT PLACE	JAPAN
CLASSIFICATION	BV
LOA (M)	144.52
BEAM (M)	21.80
DEPTH (M)	13.10
SUMMER DRAFT (M)	9.18
GT (MT)	10203.00
NT (MT)	5889.00
SUMMER DWT (MT)	11585.00
GEAR(S)	CRANE, 1 x 36.00MT CRANES, 3 x 8.00MT
M/E(S)	MTSUBISHI 7UEC52LS 12415BHP 120RPM
M/E POWER (KW)	9265
GENERATOR(S)	4 x 880KW

NAME

VESSEL DATA

SPEED/CONSUMPTIONS	LADEN 19.90KTS ON 34.00MT (IFO380)
FUEL TYPE	IFO380
BUNKER CAPACITY (CBM)	1350
TANKS CAPACITY (CBM)	MDO: 100.00
NUMBER OF CARGO HOLDS	4
HATCH NUMBER	4
HATCH SIZE (M)	8.10 x 6.00
COMPARTMENT(S)	19
DECK(S)	4
CARGO CAPACITY (CBFT)	531829
CARGO CAPACITY (CBM)	15066
FLOOR SPACE CAPACITY (SQM)	6351
TEMPERATURE ZONE(S)	8
DELIVERY	SOUTHEAST ASIA
PRICE	USD 3.5 MILLION



NAME

VESSEL DATA

FLAG	BAHAMA
BUILT YEAR	1993
BUILT PLACE	DANMARK
CLASSIFICATION	LR
LOA (M)	158.13
BEAM (M)	24.40
DEPTH (M)	15.70
SUMMER DRAFT (M)	10.00
GT (MT)	13077.00
NT (MT)	5336.00
SUMMER DWT (MT)	13981.00
GEAR(S)	CRANES, 2 x 36.00MT CRANES, 2 x 20.00MT
ME(S)	B&W 2 S.A. 7CYL 16520BHP
ME POWER (KW)	12147
COOLING SYSTEM (COMPRESSOR)	4 x SCREW COMPRESSORS SAB 163 MK II HF 280KW 3550RPM

NAME

VESSEL DATA

SPEED/CONSUMPTIONS	AT SEA 21.00KTS ON 52.00MT
BUNKER CAPACITY (CBM)	1830
NUMBER OF CARGO HOLDS	4
HATCH NUMBER	4
HATCH SIZE (M)	13.70 x 10.30
COMPARTMENT(S)	18
DECK HEIGHT (M)	≥ 2.20
CARGO CAPACITY (CBFT)	644331
CARGO CAPACITY (CBM)	18253
GRATING/DECK STRENGTH	AXELOAD 7MT PNEUMATIC TYRES ALUMINUM GRATING
TEMPERATURE ZONE(S)	7, 1ABC, 2AB/CDE, 3AB/CDE, 4AB/ACDE
TEMPERATURE (°C)	-29/+15
DELIVERY	PERU
PRICE	BUYERS OFFER