



D. KORONAKIS S.A.

Customer: C/O TMS DRY LTD

Vessel : RANGIROA

Order No: RG006/23-WR & RG006/23-DELY2

Shipping Marks:

We hereby certify that the rope as listed below supplied to your firm has been manufactured in order to meet the requirements of ISO 9554:2010 and OCIMF Mooring Equipment Guidelines:4th Edition 2018. All ropes have been inspected visually during the manufacturing process and before delivery. Sampling tests have being carried out according to the company's quality system in force and meet the requirements of EN ISO 2307:2010.

Mooring Line Certificate

Line supply information

Ship design MBL t : NSBF (if tested) t :
Diameter mm :68mm Length m : 220 – Measure Under Tension
Jacketed (Y/N) : NO Splice type & design : EYES SPLICED AT BOTH ENDS
Material type and grade : POLYESTER – POLYPROPYLENE
Line design designation (product name) : COMPOSITE 8
Manufacturer's part code and unique line identifier : 308567
Line construction :8 -STRAND
Rotating (Y/N) : NO

Performance indicators

Line Design Breaking Force (LDBF) t : 76 tons/ 745.30 kN
Line Linear Density (LLD) Kg/m : 2,56
Load Bearing Linear Density (LBLD) Kg/m : 2,56
Line Tenacity (LT) Kg/m : 28,6T/kg/m - Maximum Line Tenacity (MLT) t/Kgs/m : 29,3t/kgs/m
Angled Breaking Force (ABF) % Avg NSBF : D/d ratio 5 =64% D/d ratio 10= 84%
Angled Endurance (AE) % Avg NSBF : D/d ratio 5 = 73% D/d ratio 10= 81%
Temperature (T) % BF at 20 dgr Celsius (): -20C=103% OC= 102% 20C= 100% 40C= 92% 60C=96% 80C=89%
Axial compression Resistance (ACR) 90% Avg NSBF : N/A
Average Immediate Strain (e) : %LBDF 10=5,3% LBDF 20= 8,1% LBDF 30=10,3% LBDF 40= 13,2% LBDF 50=15,4%

25/02/2023



Our company is certified by ISO 9001:2015 (QUALITY MANAGEMENT SYSTEM)
and ISO 14001: 2015 (ENVIRONMENTAL MANAGEMENT SYSTEM)
We hereby declare that above products are ASBESTOS FREE according to SC249 Solas II-1,
Regulation 3-5 and MSC.1/Circ.1379



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Mooring Line Certificate

Line supply information

Ship design MBL t : NSBF (if tested) t :

Diameter mm :68mm Length m : 220 – Measure Under Tension

Jacketed (Y/N) : NO Splice type & design : EYES SPLICED AT BOTH ENDS

Material type and grade : POLYESTER – POLYPROPYLENE

Line design designation (product name) : COMPOSITE 8

Manufacturer's part code and unique line identifier : 308568

Line construction :8 -STRAND

Rotating (Y/N) : NO

Performance indicators

Line Design Breaking Force (LDBF) t : 76 tons/ 745.30 kN

Line Linear Density (LLD) Kg/m : 2,56

Load Bearing Linear Density (LBLD) Kg/m : 2,56

Line Tenacity (LT) Kg/m : 28,6T/kg/m - Maximum Line Tenacity (MLT) t/Kgs/m : 29,3t/kgs/m

Angled Breaking Force (ABF) % Avg NSBF :	D/d ratio 5 =64%	D/d ratio 10= 84%
Angled Endurance (AE) % Avg NSBF :	D/d ratio 5 = 73%	D/d ratio 10= 81%

Temperature (T) % BF at 20 dgr Celsius (>): -20C=103% 0C= 102% 20C= 100% 40C= 92% 60C=96% 80C=89%

Axial compression Resistance (ACR) 90% Avg NSBF : N/A

Average Immediate Strain (e) : %LBDF 10=5,3% LBDF 20= 8,1% LBDF 30=10,3% LBDF 40= 13,2% LBDF 50=15,4%

25/02/2023



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 Regulation 3-5 and MSC.1/Circ.1379



Customer: C/O TMS DRY LTD
Order No: RG026/24-WR

Vessel: RANGIROA
Shipping Marks

We hereby certify that the rope as listed below supplied to your firm has been manufactured in order to meet the requirements of ISO 9554:2019 and OCIMF Mooring Equipment Guidelines: 4th Edition 2018. All ropes have been inspected visually during the manufacturing process and before delivery. Sampling tests have been carried out according to the company's quality system in force and meet the requirements of MEG4 regulations.

Mooring Line Certificate

Line supply information

Ship design MBL t : NSBF (if tested) t :
Diameter mm : 68mm Length m : 220
Jacketed (Y/N) : NO Splice type & design : EYES SPLICED AT BOTH ENDS

Material type and grade : MIXED POLYOLEFIN FIBRE+POLYESTER

Manufacturer's part code and unique line identifier : A02449-2 / GTF/24/68/17055

Line design designation (product name) : MIXED FLOAT 8

Line construction : 8 STRAND

Rotating (Y/N) : NO

Performance indicators

Line Design Breaking Force (LDBF) t : 76 tons/ 745.30 kN

Line Linear Density (LLD) Kg/m : 2,224

Load Bearing Linear Density (LBLD) Kg/m : 2,224

Line Tenacity (LT) Kg/m : 36,67 - Maximum Line Tenacity (MLT) t/Kgs/m : 33,18 t/kgs/m

Angled Breaking Force (ABF) % Avg NSBF : D/d ratio 5 = 95,14 D/d ratio 10 = 100,1

Angled Endurance (AE) % Avg NSBF : D/d ratio 5 = 89,12 D/d ratio 10 = 92,03

Breaking Elongation : 14%

Temperature (T) % BF at 20 dgr Celsius (): -20C=103 OC= 101,08 20C= 100 40C= 97,93 60C= 95,5
80C= 94,2

Axial compression Resistance (ACR) 90% Avg NSBF : N/A

Average Immediate Strain (e) : %LBDF 10= 1,18% %LBDF 20= 2,22% %LBDF 30= 3,34% %LBDF 40= 4,28% %LBDF
50= 5,29%

16/9/2024



Our company is certified by ISO 9001:2015 (QUALITY MANAGEMENT SYSTEM) and ISO 14001: 2015 (ENVIRONMENTAL MANAGEMENT SYSTEM) & 45001:2018(OCCUPATIONAL HEALTH & SAFETY MANAGEMENT SYSTEM)
We hereby declare that above products are ASBESTOS FREE according to SC249 Solas II-1, Regulation 3-5 and MSC.1/Circ.1379
All examination tests were carried out by competent personnel and are certified as correct.



D. KORONAKIS S.A.

Customer: C/O TMS DRY LTD

Vessel : RANGIROA

Order No: RG026/24-WR

Shipping Marks

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Mooring Line Certificate

Line supply information

Ship design MBL t : NSBF (if tested) t :

Diameter mm : 68mm Length m : 220

Jacketed (Y/N) : NO Splice type & design : EYES SPLICED AT BOTH ENDS

Material type and grade : MIXED POLYOLEFIN FIBRE+POLYESTER

Manufacturer's part code and unique line identifier : A02449-1 / GTF/24/68/17054

Line design designation (product name) : MIXED FLOAT 8

Line construction : 8 STRAND

Rotating (Y/N) : NO

Performance indicators

Line Design Breaking Force (LDBF) t : 76 tons/ 745.30 kN

Line Linear Density (LLD) Kg/m : 2,224

Load Bearing Linear Density (LBLD) Kg/m : 2,224

Line Tenacity (LT) Kg/m : 36,67 - Maximum Line Tenacity (MLT) t/Kgs/m : 33,18 t/kgs/m

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80C= 94,2

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Average Immediate Strain (e) : %LBDF 10= 1,18% %LBDF 20= 2,22% %LBDF 30= 3,34% %LBDF 40= 4,28% %LBDF
50= 5,29%

16/9/2024



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Mooring Line Certificate

Line supply information

Ship design MBL t : NSBF (if tested) t :
Diameter mm: 68 Length m : 220
Jacketed (Y/N) : NO Splice type & design : PROTECTED EYES AT BOTH ENDS
Material type and grade : POLYESTER – POLYPROPYLENE
Line design designation (product name) : COMPOSITE 8
Manufacturer's part code and unique line identifier : 339514 / DK6 09/25
Line construction :8 -STRAND
Rotating (Y/N) : NO

Performance indicators

Line Design Breaking Force (LDBF) t : 76 tons
Line Linear Density (LLD) Kg/m :2,15
Load Bearing Linear Density (LBLD) Kg/m : 2,15
Line Tenacity (LT) Kg/m :35,34 T/kg/m - Maximum Line Tenacity (MLT) t/Kgs/m : 35,81t/kgs/m
Angled Breaking Force (ABF) % Avg NSBF : D/d ratio 5 =81,86% D/d ratio 10= 95,62%
Angled Endurance (AE) % Avg NSBF : D/d ratio 5 =85,14% D/d ratio 10=96,42%
BREAKING ELONGATION: 14%-16%
Temperature (T) % BF at 20 dgr Celsius (): -20C=92% 0C= 97% 20C= 100% 40C= 108% 60C=113% 80C=108%
Axial compression Resistance (ACR) 90% Avg NSBF : 96,5%
Average Immediate Strain (e) : %LBDF 10= 1,24% LBDF 20= 2,9 % LBDF 30=3,78% LBDF 40= 4,83% LBDF 50=5,95%

08/09/2025



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Mooring Line Certificate

Line supply information

Ship design MBL t : NSBF (if tested) t :
Diameter mm: 68 Length m : 220
Jacketed (Y/N) : NO Splice type & design : PROTECTED EYES AT BOTH ENDS
Material type and grade : POLYESTER – POLYPROPYLENE
Line design designation (product name) : COMPOSITE 8
Manufacturer's part code and unique line identifier : 339513/ DK5 09/25
Line construction : 8 -STRAND
Rotating (Y/N) : NO

Performance indicators

Line Design Breaking Force (LDBF) t : 76 tons
Line Linear Density (LLD) Kg/m : 2,15
Load Bearing Linear Density (LBLD) Kg/m : 2,15
Line Tenacity (LT) Kg/m : 35,34 T/kg/m - Maximum Line Tenacity (MLT) t/Kgs/m : 35,81t/kgs/m
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Mooring Line Certificate

Line supply information

Ship design MBL t : NSBF (if tested) t :
Diameter mm: 68 Length m : 220
Jacketed (Y/N) : NO Splice type & design : PROTECTED EYES AT BOTH ENDS
Material type and grade : POLYESTER – POLYPROPYLENE
Line design designation (product name) : COMPOSITE 8
Manufacturer's part code and unique line identifier : 339512/ DK4 09/25
Line construction : 8 -STRAND
Rotating (Y/N) : NO

Performance indicators

Line Design Breaking Force (LDBF) t : 76 tons
Line Linear Density (LLD) Kg/m : 2,15
Load Bearing Linear Density (LBLD) Kg/m : 2,15
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Line supply information

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Diameter mm: 68 Length m : 220
Jacketed (Y/N) : NO Splice type & design : PROTECTED EYES AT BOTH ENDS
Material type and grade : POLYESTER – POLYPROPYLENE
Line design designation (product name) : COMPOSITE 8
Manufacturer's part code and unique line identifier : 339511/ DK3 09/25
Line construction :8 -STRAND
Rotating (Y/N) : NO

Performance indicators

Line Design Breaking Force (LDBF) t : 76 tons
Line Linear Density (LLD) Kg/m :2,15
Load Bearing Linear Density (LBLD) Kg/m : 2,15
Line Tenacity (LT) Kg/m :35,34 T/kg/m - Maximum Line Tenacity (MLT) t/Kgs/m : 35,81t/kgs/m
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Material type and grade : POLYESTER – POLYPROPYLENE
Line design designation (product name) : COMPOSITE 8
Manufacturer's part code and unique line identifier : 339510/ DK2 09/25
Line construction :8 -STRAND
Rotating (Y/N) : NO

Performance indicators

Line Design Breaking Force (LDBF) t : 76 tons
Line Linear Density (LLD) Kg/m :2,15
Load Bearing Linear Density (LBLD) Kg/m : 2,15
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Jacketed (Y/N) : NO Splice type & design : PROTECTED EYES AT BOTH ENDS
Material type and grade : POLYESTER – POLYPROPYLENE
Line design designation (product name) : COMPOSITE 8
Manufacturer's part code and unique line identifier : 339509/ DK1 09/25
Line construction :8 -STRAND
Rotating (Y/N) : NO

Performance indicators

Line Design Breaking Force (LDBF) t : 76 tons
Line Linear Density (LLD) Kg/m :2,15
Load Bearing Linear Density (LBLD) Kg/m : 2,15
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RANGIROA

FBB TEL: +(870) 771 303673 / 675 VSAT : +30 21112341266 FAX: +(870) 783 209283

INM-C TLX : 463739478/79

E-MAIL : rangiroa@gtships.com

SHIP'S PARTICULARS

SHIP'S NAME	RANGIROA		
PORT OF REGISTRY:	MONROVIA	NATIONALITY : LIBERIA	
OFFICIAL NUMBER	22528		
CALL SIGN :	5LJF9	MMSI : 636022528	
IMO NUMBER	9634713		
CLASS	B.V		
P+I CLUB	GARD		
OWNERS	OCEANSURF OWNERS LIMITED		
OPERATORS	TMS DRY LTD		
	TEL : +30 2103441600 FAX: +30 2103441655 E-MAIL: operation@tms-dry.com		
BUILDER	SHANGHAI JIANGNAN CHANGXING - CHINA		
DELIVERED	18/06/2013	LAUNCHED 30/07/2012	KEEL LAID : 23/
GROSS TONNAGE	107,129 T		
NET TONNAGE	68,557 T		
REGISTERED LENGTH	294.12 M		
L.O.A	299.92 M	BREADTH : 50 M	DEPTH : 24.9
L.B.P	294 M		
T P C	142.024	F.W.A : 416 mm	
LIGHT SHIP	30653.20		
HEIGH KEEL - TOP OF MAST	61.5 M		
KEEL - TOP OF H-COVER	28.2 M		
STRENGTH LOAD (tanktop)	C/H 1 : 40.51 t/m2 C/H 2,4,8: 24.20 t/m2 C/H 3,7: 40.08 t/m2 C/H 5 :40.27t/m2 C/H 6 : 24.83 t/m2 C/H 9: 39.93 t/m2		
STRENGTH LOAD H-COVERS	N/A		
STRENGTH LOAD DECK	N/A		
H/ COVERS DIMENSIONS	No.1&9: 16.3X19.2 M No.2 - 8: 16.3X23.4 M		
BALLAST PUMPS	3,000 CUBIC METRES / HOUR 2 SETS		
STRIPPING EDUCTOR	200 CUBIC METRES / HOUR 1 SET / 350 CBM/HOUR 1 SET		
BALLAST CAPACITY	63,676.3 CBM C/H No.6 : 26,776.3 CBM		
FW CAPACITY	566.9 MT		
H.F.O CAPACITY	IFO : 6,070.6 CBM (100% capacity) MDO : 457.2 CBM (100% capacity)		
MAIN ENGINE	MAN-B&W 6S70MC-C (Mark VIII) CSR (continuous service rating) 15,861 KW (21,550 BHP) RPM: 86.2		
GENERATORS	Maker: YANMAR	SETS : 3	900 KW EACH
PANAMA CANAL	N/A	N/A	
SUEZ CANAL	GROSS : 108,710.83	NET : 103,528.04	SCID:

HOLDS CAPACITY**DEADWEIGHT PARTICULARS**

HOLD No.	CUB.MTRS	CUB.FT		MARK	FREEBOARD	DRAFT	DISPL.
HOLD No.1	20,111.30	710,224.60		Trop.fresh	TF	5.671	241,827
HOLD No.2	26,149.50	923,461.80		Fresh water	F	6.056	236,487
HOLD No.3	25,953.00	916,522.40		Tropical	T	6.087	241,957
HOLD No.4	25,953.30	916,533.00		Summer	S	6.472	236,487
HOLD No.5	25,936.10	915,925.60		Winter	W	6.857	231,022
HOLD No.6	26,776.50	945,604.10					
HOLD No.7	26,793.70	946,211.50					
HOLD No.8	25,527.10	901,481.90					
HOLD No.9	21,346.00	753,827.60					
	224,546.50	7,929,792.50					



CREW LIST

(Name of shipping lines, agent, etc.)
TMS DRY LTD.

Arrival Departure

Page 1 of 1

1. Name of ship			2. Port of Arrival:			3. Date of Arrival / Departure:		
MV RANGIROA			HUASCO, CHILE			05/March/2026		
4. Nationality of ship			5. Port of Departure :			6. Nature and No. of identity documents	6. Nature and No. of identity documents	
LIBERIA			POHANG, SOUTH KOREA			PASSPORT NO. & EXPIRY DATE	SEAMAN'S BOOK NO. & EXPIRY DATE	
No. 7	8. Family name, given name	9. Rank	10. Nationality	11. Sex	12. Date & place of birth	13. Date & place of joining		
1	CIURARU FLAVIUS-ADRIAN	MASTER	ROMÂNĂ	M	24 OCT 69 / BOTOSANI	15 DEC 2025 / BEILUN, CHINA	059470235 10 MAR 31	2717CT 22/12/2027
2	LUMONGSOD KENNETH	CHIEF OFFICER	FILIPINO	M	18 APR 1977 / MINGLANILLA CEBU	24 JAN 2026 / POHANG, SOUTH KOREA	P1418753B 09 APR 2029	A0439205 13 01 2036
3	GREGORIO CARLO BENSURTO	2ND OFFICER	FILIPINO	M	02 APR 1979 / CARLES ILOILO	27 AUG 2025 / SINGAPORE	P0540538C 15 JUN 2032	A0375865 11 03 2035
4	SOLIVEN EMMANUEL ARTICULO	3RD OFFICER	FILIPINO	M	25 DEC 1990 / P PRINCESA CITY	19 DEC 2025 / JIANGYIN, CHINA	P9296511A 24 OCT 2028	C1409344 Nov 12, 2028
5	BERNASOL BASILIO HERMOSO	CHIEF ENGINEER	FILIPINO	M	20 SEP 1968 / NASIPIT ADN	27 AUG 2025 / SINGAPORE	P9362276B 25 MAR 2032	C1128898 Aug 1, 2027
6	BORJA ARNOLD RIZABA	2ND ENGINEER	FILIPINO	M	18 OCT 1968 / PAGALUNGAD MGD	19 DEC 2025 / JIANGYIN, CHINA	P7686329A 25 JUN 2028	C0965411 Dec 13, 2026
7	SALGADO JOEBERT FLORES	3RD ENGINEER	FILIPINO	M	23 AUG 1970 / VICTORIAS NEG OC	27 AUG 2025 / SINGAPORE	P7814041B 08 OCT 2031	C1107156 Oct 1, 2027
8	FOO CHIN LONG PANTILANAN	4TH ENGINEER	FILIPINO	M	16 MAY 1992 / SIOCON ZAM DN	10 SEP 2025 / YANTAI CHINA	P0007963C 10 MAY 2032	C1018373 Mar 20, 2027
9	GRIGORE CRISTIAN-EUGEN	ELECTRICIAN	ROMÂNĂ	M	11 OCT 64 / CONSTANTA	24 JAN 2026 / POHANG, SOUTH KOREA	059196835 20 NOV 30	8321CT 31.01.2028
10	HERNANI BERNARD CAÑON	BOSUN	FILIPINO	M	24 JUN 1968 / TALISAY CEBU	27 AUG 2025 / SINGAPORE	P4346666B 09 JAN 2030	C1579261 Jan 22, 2030
11	PEDROSA JORGE STEPHEN TUBESA	ABLE SEAMAN	FILIPINO	M	05 FEB 1997/ PASIG MM	06 NOV 2025 / ZHANGJIAGANG CHINA	P7715873B 28 SEP 2031	A0395996 08 09 2035
12	BAGAIPO RONEAN KEN GEALAN	ABLE SEAMAN	FILIPINO	M	28 FEB 1984 / BASILISA SDN	24 JAN 2026 / POHANG, SOUTH KOREA	P6000752B 17 DEC 2030	A0490123 13 01 2036
13	COMBALICER JUN CASTILLO	ABLE SEAMAN	FILIPINO	M	10 SEP 1995 / MANILA	27 AUG 2025 / SINGAPORE	P8633254B 03 JAN 2032	A0104171 20 11 2030
14	LATA JAMES LAPSO	O/S	FILIPINO	M	27 APR 1996 / MANILA	27 AUG 2025 / SINGAPORE	P0359426C 01 JUN 2032	A0202834 25 07 2032
15	CEPRIANO JOHN MARK MOISES	O/S	FILIPINO	M	15 APR 1993 / GEN NAKAR QUEZON	06 NOV 2025 / ZHANGJIAGANG CHINA	P0279917B 16 JAN 2029	C1313837 Jul 8, 2028
16	CHAVEZ JEFFREY KIM BALCUEVA	OILER	FILIPINO	M	30 JUN 1996 / NAGA CITY	24 JAN 2026 / POHANG, SOUTH KOREA	P5654590B 18 OCT 2030	A0100317 27 11 2030
17	BONACHITA ROLAND DEL ROSARIO	OILER	FILIPINO	M	05 DEC 1993 / MINALABAC CAM S	27 AUG 2025 / SINGAPORE	P5098636B 10 MAR 2030	C1257477 Jun 10, 2028
18	YEBRA GAUDENCIO JR. PENASCOSAS	OILER	FILIPINO	M	25 MAR 1975 / CABATUAN ILOILO	19 DEC 2025 / JIANGYIN, CHINA	P9454353B 31 MAR 2032	C1148239 Sep 13, 2027
19	BUENDIA SALVADOR GANGE	FITTER	FILIPINO	M	08 MAY 1966 / GUIMARAS ILOILO	19 DEC 2025 / JIANGYIN, CHINA	P0510400B 31 JAN 2029	C1011378 Mar 1, 2027
20	NALUGON EDZEL RESABAL	COOK	FILIPINO	M	12 JUN 1980 / POLOMOLOK SO COT	24 JAN 2026 / POHANG, SOUTH KOREA	P7781733B 05 OCT 2031	C1582438 Feb 13, 2030
21	NEGRANZA JOSIAH IVIE CRUZ	MESSMAN	FILIPINO	M	10 DEC 1998 / VALENZUELA MM	19 DEC 2025 / JIANGYIN, CHINA	P1915887C 05 OCT 2032	A0220089 09 11 2032

14. Date & signature by master, authorized agent or officer

05.03.2026



-Tci
CAPT. CIURARU FLAVIUS-ADRIAN
Master MV RANGIROA