

SHIP'S IDENTIFICATION

NAME OF SHIP	ER NAZIRE
FLAG	TURKISH
CALL SIGN	TCZO3
PORT OF REGISTRY	ISTANBUL
REGISTER NO	TUGS 2193
IMO-NUMBER	9578543
CLASSIFICATION SOCIETY	CLASS NK
CLASS NUMBER	106359
CLASS NOTATIONS	CLASS NK* A9BC-A,CSR,BC-XII,SHC 2,4E, GRAB (20) (ESP) MNS* (MO)(PSCM) IWS BULK CARRIER
TYPE OF SHIP	15.03.2010KEEL LAID// 21.12.2010 DELIVERY
KEEL LAID	COSCO (GUANGZHOU) SHIPYARD -CHINA
PLACE OF BUILDING	N192
HULL NUMBER	Er Kömür Paz.Mad.Den.Turizm ve Tic.A.S.
OWNER	5280239
COMPANY IMO NUMBER	189,99
LOA	185,00
LBP	32.26 M.
BREADTH MOULDED.	18.0 M.
DEPTH MOULDED	47.75M
HEIGHT FROM KEEL TO HIGHEST ANTENNA	10,965MT
LIGHT SHIP	288MM.
FWA FRESH WATER ALLOWANCE	32,983
GROSS TONNAGE	19,191
NET TONNAGE	27,470
PANAMA CANAL NET	33,934.90
SUEZ CANAL GROSS	30,992.70
SUEZ CANAL NET	MAN-B&W 6550 MC-C
MAIN ENGINE	9480 KW AT 127 R/MIN
POWER MAX.CR	8532 KW AT 122.6 R/MIN
POWER NORMAL SERVICE SPEED	14.25 KTS. IN LIGHT BALLAST COND.
SERVICE SPEED& CONSUMPTION	13.75 KTS.FULLY LOADED COND.
SERVICE SPEED & CONSUMPTION	3X 660 KWA x 900 RPM
AUXILLARY ENGINE	440 / 220V – 60 Hz
ELECTRICITY	5 / 5
NUMBER OF HOLDS & HATCHES	FORE & AFT FOLDING TYPE DOUBLE SKIN HYDRAULIC OPERATED STEEL HATCH COVER
HATCH COVER TYPE	4 BLADED FIXED –RIGHT HANDED –NI-AL-BRONZE CU3
PROPELLER - MATERIAL	6.0 M.
PROPELLER DIAMETER	3.909 M
PROPELLER PITCH 0.7 R	16,366 KG.
MASS	8700 KG. KSC 42
ANCHOR & MATERIAL	GRADE III NOMINAL DIA 73 MM.-STABOARD 12 – PORT 11 SHACKLES
ANCHOR CHAIN	

IFO CAPACITY (Inc. SERVICE & SETTling) 100 % FULL	2,210.78 M ³
DO CAPACITY (Inc. SERVICE & SETTling) 100 % FULL	194.22 M ³
LO CAPACITY	123,38 M ³
FW CAPACITY (INCLUDING DISTILLED TK)	465.41 MT.
FRESH WATER GENERATOR DAILY CAPACITY	25 TONS
PORT SIDE FW.WASHING TANK	372.49 CUB.M
STARBOARD SIDE SLOP HOLDING TANK	372.49 CUB.M
SEWAGE TANK	27.72 CUB.M
LIGHT BALLAST CAPACITY AND DRAFTS & EXCHANGE TIME	16,333.39 MT. ON FWD : 5.43M. AFT:6.128M :28.7 HOURS
HEAVY BALLAST CAPACITY AND DRAFTS & EXCHANGE TIME	31,658 MT. ON FWD: 8.19M. AFT:9.25 M : 50.2 HOURS
LIGHT BALLAST DE-BALLASTING TIME :11 HRS.	HEAVY BALLAST DE-BALLASTING TIME: 21 HRS.
BALLAST PUMP CAP.800 M3/HRS X 2	

MMSI NUMBER	271 042 516
ACCOUNT AUTHORITY	TR01
INMARSAT – C ID (LRIT)	4 271 01074
INMARSAT – C ID	4 271 01075
Inm-FBB TELEPHONE	+870 773 133 050
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Hook Use Hoist.Load	Grab Use Hoist.Load	Max/ Min Slwg.Radius	Max. Lift	Hoisting Speed t x m/min	Lowering Speed	Luffing Time	Slewing Speed	Electric Source	Elc.Motor For Pump Unit
30 mt.	24 mt.	28 / 3.4 m.	35 m,	30 x 20 Hook use	Abt.60 m/min (at rated load)	71 sec.	0.4 rpm.	AC 440V 60 Hz. 3 Phases	125 kW cont. (285kW 15% ED)
				24 x 20 Grab Use					
				18 x abt.30					
				6 x abt.60					
12 Cub.M Max.capacity (3 lines of kick plates) ,8700 kg.deadweight Radi remote operated hydraulic operated 4 pcs. Grab									

12 cbm Radio Remote Control Grab					
Crane Capacity (in grab opr.)	Dead Weight (Grab)	Allowed Cargo	Kick Plates	Capacity of grab	Density of cargo (up to ... cbm)
24 tons	8,7 tons	15,3 tons	All closed	12 cbm	1,28 tons / cbm
24 tons	8,7 tons	15,3 tons	1. cover open	10 cbm	1,53 tons / cbm
24 tons	8,7 tons	15,3 tons	1. – 2. cover open	8 cbm	1,91 tons / cbm
24 tons	8,7 tons	15,3 tons	1. – 2. - 3. cover open	6 cbm	2,55 tons / cbm

Hold No	Frame Nos.	Grain Cap. (m ³) %100	Bale Cap.(m ³)	Grain Cap. ft. ³	Bale Cap. ft. ³	Hold Dims. LxBxD (m.)	Hatch Dims. LxBxD (m.)
1	183-217	13,009.86	12300	459439.3	434,370.81	27.88x32.26x16.76	18.86x18.26x0.90
2	145-183	15,333.25	14700	541489.1	519,126.09	31.16x32.26x16.72	21.32x18.26x0.90
3	109-145	14,553.08	14000	513938.7	494,405.8	29.52x32.26x16.72	21.32x18.26x0.90
4	71-109	15,333.27	14700	541489.8	519,126.09	31.16x32.26x16.72	21.32x18.26x0.90
5	35-71	13,404.64	12500	473380.8	441,433.75	29.52x32.26x16.72	21.32x18.26x0.90
TOTAL CAPACITY		71,634.09	68200	2,529,737.7	2,408,462		

Location	Hold # 1	Hold # 2	Hold # 3	Hold # 4	Hold # 5
Flat area of Hold bottom about (m²)	535.11	683.75	644.68	683.75	481.28
Flat bottom dims.LxB or (B fore ,B aft)	27.88x(10.71/23.82)	28.7x23.824	27.06x23.824	28.7x23.824	29.52x(23.824/9,064)

Design Load Location	Hold # 1	Hold # 2	Hold # 3	Hold # 4	Hold # 5
Max.Permissible Load (t/m²)	25	20	25	20	25

Design Load Location	Main Deck	Hatch Covers
Max.Permissible Load (t/m²)	1	2.3

	Freeboard (mm.)	Draft (m.)	Displacement	Deadweight	TPC	TPI
Summer	5224.	12,80	67,681.1	56,716.1	58.8	149.3
Fresh	4936.	13,088	67,681.1	56,716.1	58.9	149.6
Tropical	4957.	13,067	69,254.4	58,289.4	58.9	149.6
Tropical fresh	4669	13,355	69,254.4	58,289.4	59.05	150
Winter	5491	12,533	66,110.4	55,145.4	58.7	149

From No.1 hold forward to foremost vessel	16.40 m.
From No.5 aft to aftmost vessel	33.0 m.
From No.1 forward to Aft of No.5 hold	140.59
From Main deck to top of closed Hatch Cover	At No.1 center 3.40 m./ at No.2-5 centers 3.20 m.
From Main deck to top of open Hatch Cover	At No.1 center 2.80 m./ at No.2-5 centers 2.60 m.
From Keel to Maindeck	18.00 m. (Except foremost maindeck 18.20 m)
From Hatchcoaming to hand rails	No.1 Forward side 5.6m. from no.1 mid to No.5 aft 6.40 m.
Clear distance from deck piping to hand rails P&Stb'd	5 m. (except off pilot boarding area and catwalks)
Distance between the holds off cross deck area	F'Castle to No.1 hatch 5m.//Between no.1-2 = 8.9m./ between 2-3, 3-4,4-5 =9m.//No.5-Accommodation 4.15m.
Air draft up to hatch coaming on fully loaded condition (drafts fwd:12,32m. aft:13.24m)	At fwd:8.20m. at mid ship: 7.50m. at aft: 7.56 m.
Air draft up to hatch coaming on light ballast and 50% bunker condition (drafts fwd:6.00m. aft :7.01 m.)	At fwd:15.20m. at mid ship: 14.35m. at aft:13.61m.
Air draft up to hatch coaming on heavy ballast and 50% bunker condition (drafts fwd: 8.20 aft:9.20m.)	At fwd:12.06m at mid ship:11.58m. at aft:11.30m.
Water line to highest point in light ballast condition :	41.64m
Water line to highest point in full ballast condition:	38.70m.
Water line to highest point in fully laden condition:	34.56m
Tanktop to underside closed hatch covers	18.50m.
Tank top to underside weather deck	16.70
Top of hopper tank to bottom of wing tank at no3.hold	Min.at No1: 6m. Max.at No.1: 7.4m. No.2-4:7.4m./ Min.at No5 aft.:1.8 Max.at No.5:7.4m.
Hopper Tanks height from tanktop	Min.at No1: 4.20. Max.at No.1: 6.40m./ No.2-4: 4.20m.. Min.at No5 aft.: 4.20m. Max.at No.5: 9.70m.