VESSEL SPECIFICATIONS
(All Details about and without guarantee)

VESSEL	**Goldensari Indah**
EX-NAME	N.A.
REGISTRY	Singapore
OFFICIAL NO	383410
CALLSIGN	9VVB
IMMARSAT C GMDSS	456317420
INMARSAT TEL	N.A.
INMARSAT FAX	N.A.
INMARSAT TLX	456317410
OWNERS	Transgobal Shipping Pte Ltd
MANAGERS	Pacc Ship Managers Pte Ltd
CLASS	American Bureau of Shipping
CLASS ID NUMBER	8638902
CLASS NOTATION	+A1, Bulk Carrier (HC/E) EO & IB(+), BIS, Holds no. 2, 4 empty 7 WTB (Norm 8)

TONNAGE	**GROSS**	**NETT**
REGISTERED	25,956.00	14,547.00
SUEZ	26,839.35	24,004.55
PANAMA	27,667.70	21,337.03
YEAR BUILT	1986	
KEEL LAID	25-June-1985	
LAUNCHED	15-November-1985	
BUILDER	Osaka Shipbuilding Co. Ltd	
HULL NUMBER	436	
VESSEL TYPE	Dry Bulk Carrier	
ICE CLASSED	No	
NUMBER OF DECK	1	
SERVICE SPEED	12.5 knots	
ECONOMICAL SPEED	11.5 knots	
FORECASTLE	Flushed	
POOP DECK	Flushed	
NUMBER OF DECK HOUSES	2	
BOW TRUSTER	No	
NUMBER OF SCREWS	1	
TYPE OF PROPELLER	Solid Keyless Aerofoil, 4 blades	
SPARE PROPELLER	Yes	
SPARE PROPELLER SHAFT	No	
L.O.A.	197.70 M	
L.B.P.	188.20 M	
BREADTH	30.50 M	
DEPTH	15.70 M	
DRAFT	10.99 M	

DEADWEIGHT	45,263 MT
DISPLACEMENT	53,196 MT
TPC (SUMMER DRAFT)	52.5 M
F.W. ALLWNCE @ SUMMER DRAFT	0.253 M
CONSTANT	213 MT
LIGHTWEIGHT	7,933 MT

DISPLACEMENT AND DRAFT	DWT (MT)	DRAFT (M)	DISPLM'NT (MT)
TROPICAL FRESHWATER	46,445	11.472	54,378
FRESHWATER	45,265	11.243	53,198
TROPICAL SEAWATER	46,468	11.219	54,401
SUMMER SEAWATER	45,263	10.990	53,196
WINTER SEAWATER	44,062	10.761	51.995

CARGOHOLDS

NUMBER OF HOLDS	5
NUMBER OF HATCHES	5

HOLDS	FR.NO	HATCH SIZE(MxM)	GRAIN(M3)	BALE(M3)
1	186 - 223	16.8 x 15.0	10,647	10,461
2	147 - 186	17.6 x 15.0	12,461	12,300
3	113 - 147	16.8 x 15.0	10,112	9,950
4	73 -113	17.6 x 15.0	12,464	12,299
5	37 - 73	17.6 x 15.0	10,723	10,597
6	N.A.	N.A.	N.A.	N.A.
7	N.A.	N.A.	N.A.	N.A.

TWEEN HOLDS (IF APPLICABLE)

HOLDS	FR.NO	HATCH SIZE(MxM)	GRAIN(M3)	BALE(M3)
1	N.A.	N.A.	N.A.	N.A.
2	N.A.	N.A.	N.A.	N.A.

CARGO HOLD TANKTOP DIMENSIONS EXCLUDE CORRUGATIONS AND SLOPES

HOLD	FORWARD (M)	AFT (M)	LENGTH (M)
1	9.0	23.20	28.2
2	23.20	23.30	31.0
3	23.20	23.20	22.4
4	23.30	23.40	31.2
5	23.40	12.0	28.8
6	N.A.	N.A.	N.A.
7	N.A.	N.A.	N.A.

FEATURES OF CARGO HOLDS

HOLDS VENTILATION	Natural

IF FORCED,NBR OF AIR CHANGE/MIN	N.A.
BALLAST CARGO HOLD	No. 3
WHETHER OTHER HOLDS ARE TO BE BALLASTED TO REDUCE AIR DRAFT IN PORT	No
IF SO, STATE THE HOLD/S	N.A.
IF SO, STATE BALLAST QUANTITIES EACH HOLD	N.A.
UPPER WING TANKS IN ALL HOLDS	Yes
UPPER WING TANKS CONSTRUCTION	Yes
LOWER HOPPER TANKS IN ALL HOLDS	Yes
UPPER STOOL IN WAY OF BULKHEADS	Yes
LOWER STOOL IN WAY OF BULKHEAD	Yes
BLEEDING UPPER WING TANKS	No
ORE STRENGTHENED	Yes
ALTERNATE HOLD LOADING	Yes
HOLDS USED FOR ALTERNATE LOADING	No. 01, 03, 05
ALTERNATE LOADING MAX CARGO	31,482 MT
CARGO BATTENS FITTED	No
BATTENS PERMANENT TYPE	N.A.
IF NO, ANY PROVISIONSMADE FOR BATTENS	N.A.
IF SO, FITTINGS AND BATTENS ONBOARD?	No
IN WHICH HOLDS ?	N.A.
LOCATION OF BATTEN - SHIPSIDE P/S	N.A.
LOCATION OF BATTEN - BULKHEAD F/A	N.A.
LOCATION OF BATTEN - TANKTOP	N.A.
AUSTRALIAN HOLD LADDERS	Yes
CO2 FITTED IN HOLDS	No
SMOKE DETECTOR FITTED IN HOLDS	No

GRAIN LOADING APPROVAL

CERTIFIED GRAIN LOADING BOOKLET ONBOARD	Yes
GRAIN LOADING BOOK COMPLY WITH CHAPTER V1 SOLAS 74	Yes
IF OTHERWISE, STATE	N.A.
CERTIFIED BY CLASS FOR ADMINISTRATION OR OTHER NATIONAL AUTHORATIES	Yes
CERTIFIED FOR UNTRIMMED ENDS	Yes

OTHER FEATURES OF CARGO HOLDS

IS VESSEL LOG FITTED	No
COLLAPSIBLE STANCHIONS	No
SOCKET FOR STANDCHIONS FOR DECK CARGO	No
MAXIMUM HEIGHT OF LOG CARGO ON DECK	N.A. M
LOOSE LOG LASHING MATERIALS ON BOARD	No
IS VESSEL CONTAINER FITTED?	Yes
CONTAINER FITTINGS PERMANENT ?	No
- IN HOLDS	No

- ON DECKS	Yes
- ON HATCH COVERS	Yes
FULL CONTAINER SHOES, LASHINGS ETC	No
MAXIMUM PERMISSIBLE STACK LOAD	N.A.
- HOLDS	N.A.
- DECK	202 teus
- HATCH COVERS	178 teus
ANY REEFER POINTS	No
POSITION OF REEFER POINTS	No
MAX REEFER TEU ALLOWED	No

CONTAINER CAPACITY

HOLD	IN HOLDS	TWEEN DK	H-COVERS	MAIN DK
1	N.A.	N.A.	N.A.	N.A.
2	N.A.	N.A.	N.A.	N.A.
3	N.A.	N.A.	N.A.	N.A..
4	N.A.	N.A.	N.A..	N.A.
5	N.A.	N.A.	N.A.	N.A.
6	N.A.	N.A.	N.A.	N.A.

DECK STRENGTHS (MT/M^2)

HOLD	TANKTOP	UPPER DECK	H-COVERS
1	21.50	2.50	2.25
2	16.50	2.50	2.00
3	25.00	2.50	2.00
4	16.50	2.50	2.00
5	21.00	2.50	2.00
6	N.A.	N.A.	N.A.
7	N.A.	N.A.	N.A.

HATCH COVERS

MAIN DECK HATCH COVERS

MAKE:	MacGregor Far East Ltd
TYPE	Jack-knife, single pulley
OPERATION SYSTEM	Chain drive by hydraulic motor
SECURING SYSTEM	Quick acting cleats
TWEEN DECK HATCH COVERS	N.A.
MAKE	N.A.
TYPE	N.A.

DISTANCES (in metres)

STERN TO FRONT OF SUPERSTRUCTURE	33.20 M
STERN TO AFT END AFTMOST HATCH	38.00 M
BOW TO FORWARD OF HATCH NO 1	20.20 M
FWD END OF HATCH NO 1 TO AFT END AFTMOST HATCH	16.80

SHIP'S RAIL TO OUTSIDE OF HATCH COAMING

HATCH	FORE (M)	MID (M)	AFT (M)
1	5.47	6.80	6.85
2	6.90	6.96	6.85
3	6.90	6.96	6.85
4	6.90	6.96	6.85
5	6.55	6.98	6.86
6	N.A.	N.A.	N.A.
7	N.A.	N.A.	N.A.

THICKNESS OF HATCH COAMING

LONGITUDINAL	720 MM
TRANSVERSE	320 MM

CENTRE OF HATCH FROM BOW AND STERN

HATCH	BOW (M)	STERN (M)
1	23.1	174.6
2	53.8	143.9
3	82.3	115.4
4	119.0	78.7
5	151.0	46.7
6	N.A.	N.A.
7	N.A.	N.A.

HEIGHTS (in metres)

KEEL TO HIGHEST POINT	48.7 M
KEEL TO TOP OF FUNNEL	34.6 M
KEEL TO TOP OF CRANES	30.2 M
KEEL TO TOP OF FWD SAMSON POST	N.A.
KEEL TO TOP OF AFT SAMSON POST	N.A.
KEEL TO DK LEVEL AT SS RAIL, MIDSHIP	17.5 M
KEEL TO DK LEVEL AT H-COAMING, MIDSHIP	15.8 M

HEIGHT KEEL TO TOP OF HATCH COAMING AND HATCH COVERS

HOLD	HATCH COAMING	HATCH CVRS
1	18.4	19.0
2	17.6	18.2
3	17.8	18.4
4	17.6	18.2
5	17.8	18.4
6	N.A.	N.A.
7	N.A.	N.A.

HEIGHT FROM WATERLINE TO TOP OF HATCH COAMINGS

HOLD NO	LIGHT SHIP	FULLY BALLAST	LOADED
1	17.70	14.74	7.21
2	16.75	13.86	6.61

3	15.83	13.00	6.81
4	15.50	12.40	6.61
5	14.60	11.90	6.81
6	N.A.	N.A.	N.A.
7	N.A.	N.A.	N.A.

CARGO GEAR

NO OF CRANE:	4
MANUFACTURER:	IHI, Japan
TYPE	Electro-hydraulic

CRANE NO	S.W.L. (LT)	LOCATION
1	15	Fr 186, Between no.1 & 2 holds
2	15	Fr 147, Between no.2 & 3 holds
3	15	Fr 113, Between no.3 & 4 holds
4	15	Fr 73, Between no.4 & 5 holds
5	N.A.	N.A.
6	N.A.	N.A.

MAXIMUM CRANE OUTREACH FROM SHIPSIDE WITH FULL LOAD/ANGLE FROM HORIZONTAL WHEN CRANE FULLY EXTENDED IN WORKING POSITION

CRANE	DISTANCE (M)	ANGLE
1	24	20 DEG
2	24	20 DEG
3	24	20 DEG
4	24	20 DEG
N.A.	N.A.	DEG
N.A.	N.A.	DEG

SPEEDS OF CRANES

HOISTING SPEED	18 / 27 / 54 M/MIN
SLEWING	1.1 RPM
LUFFING	30 SECS

CAN 2 CRANES USE AN EQUALISING BEAM	No
ELECTRIC CONNECTIONS FOR HYDRAULIC GRABS	No

IS UNION PURCHASE POSSIBLE?	No
CAPACITY. OF UNION PURCHASE	N.A.
CAN 2 CARINES WORK IN TANDEM?	No

BALLAST INFORMATION

TOTAL BALLAST CAPACITY INCLUDING BALLAST HOLD NO 3	25,098 M^3

DRAFT FULLY BALLASTED	FORE (M)	AFT(M)	MEAN
GTR 90% IFO/DO CAPACITY	3.52	7.13	5.32

GTR 20%IFO/DO CAPACITY	3.32	6.43	4.87
MAXIMUM DE-BALLASTING CAPACITY	1,240 M^3/H		
BALLAST PUMP CAPACITY	1,240 M^3/H		

BUNKER INFORMATION

100% IFO CAPACITY	1,922.33 MT
100% MDO CAPACITY	324.65 MT

FUEL OIL TANK	FRAME POS	IFO 100% (M^3)
NO 1 DB CENTRE	147 - 186	772.4
NO 2 DB CENTRE	113 - 147	599.0
NO 3 DB CENTRE	73 - 113	511.3
NO DB CENTRE	N.A.	N.A.
NO DB CENTRE	N.A.	N.A.
DEEP FO TANK (P)	N.A.	N.A.
DEEP FO TANK (S)	N.A.	N.A.
HFO SETT TANK	30 - 33	23.96
HFO SERV TANK	31 - 33	15.67
HFO OVERFLOW TANK	N.A.	N.A.

DIESEL OIL TANK	FRAME POS	IFO 100% (M^3)
MDO (S) TANK	25 - 37	115.0
MDO (P) TANK	20 - 37	189.7
MDO SERV TANK	35 - 37	5.95
MDO SETT TANK	17 - 19	14.0

FRESH WATER INFORMATION

DAILY CONSUMPTION (EST)	12 MT
MAX TANK CAPACITY	360.50 MT
MAX DAILY WATER PRODUCTION	21 MT
CURRENT WATER PRODUCTION	20 MT

FRESHWATER GENERATOR

MAKER	Sasakura - Atlas
MODEL	AFGU-31
RATED CAPACITY	21 MT/DAY

SPEED AND CONSUMPTIONS

SPEED (KTS)	CONS (LOADED)	RPM	CONS (BALASTED)	RPM
10	N.A.	N.A.	N.A.	N.A.
10.5	80.9	12.5	79.3	11.4
11	85.5	14.5	83.8	13.3
11.5	89.4	16.4	87.6	15.1
12	93.2	18.5	91.5	17.1
12.5	97.2	20.5	95.3	19.2

13	101.1	23.0	99.1	21.5
13.5	104.9	25.7	102.9	24.1
14	N.A.	N.A.	N.A.	N.A.
14.5	N.A.	N.A.	N.A.	N.A.
15	N.A.	N.A.	N.A.	N.A.
15.5	N.A.	N.A.	N.A.	N.A.
16	N.A.	N.A.	N.A.	N.A.
16.5	N.A.	N.A.	N.A.	N.A.
17	N.A.	N.A.	N.A.	N.A.
17.5	N.A.	N.A.	N.A.	N.A.
18	N.A.	N.A.	N.A.	N.A.

CONSUMPTION AT SEA

DIESEL OIL CONSUMPTION	1.8 MT
FUEL OIL CONSUMTPION (BOILER + GENERATOR)	0 MT

CONSUMPTION IN PORT

FUEL OIL	1.6 MT/DAY
DIESEL OIL, IDLE	1.4 MT/DAY
DIESEL OIL, WORKING 8 HRS	MT/DAY
DIESEL OIL, WORKING 16 HRS	MT/DAY
DIESEL OIL, WORKING 24 HRS	MT/DAY

TYPE OF FUEL OIL	Actual RME 25, 180 CST
TYPE OF DIESEL OIL	Estimate Dmb Specs

MAIN ENGINE

MAKER	IHI, Japan
MODEL	Sulzer 6RTA-58
BORE	580 MM
STROKE	1,700 MM
MCR	10,300 ps @ 115 rpm
NOR	9,270 ps @ 111 rpm

GENERATORS

NUMBER OF GENERATORS	2
MAKER	Daihatsu Diesel Mfg. Co. Ltd
MODEL	6DL-22

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