

## SHIP'S PARTICULAR

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 VESSEL'S NAME : M. V. " UNISON " ( 友 聖 輪 )  
 NATIONALITY : REPUBLIC OF PANAMA  
 OWNERS : SPRING NAVIGATION S. A.  
 PORT REGISTRY : PANAMA  
 CLASSIFICATION : N. K  
 CLASS NO. : 071952  
 IMO NO. : 9404522  
 MMSI NO. : 356 814 000  
 OFFICIAL NUMBER : 36176-PEXT-1  
 SIGNAL LETTER : 3 E M T 4  
 INMARSAT- C : 435 681 410  
 INMARSAT F E-MAIL ADD :mvunison@unison.amosconnect.com  
     TEL NBR : 764 805 477 / 764 805 478  
     FAX NBR : 764 805 479  
 MOBILE PHONE : (TWN) 0975 750 786  
                   : (CHN) 139-1177-5176  
 BUILDER : NAMIREI-SHOWA CO., LTD.  
 TONNAGE : DEAD WEIGHT 12,616 MT  
           : GROSS TONNAGE 7,375  
           : NET TONNAGE 5,013  
 DIMENSION : LENGTH O. A. 121.89 M  
           : LENGTH B. P. 115.26 M  
           : BREADTH 20.6 M  
           : DEPTH 11.0 M  
 DRAFT : FULL LOADED (SUMMER) 8.315M (D/W 12,616 MT)  
           : FULL LOADED (TROPICAL) 8.488 M (D/W 12,986 MT)  
           :TIMBER LOADED (SUMMER) 8.614 M (D/W 13,257 MT)  
           :TIMBER LOADED (TROPICAL) 8.793 M (D/W 13,642 MT)  
 T. P. C. : 21.25 KT  
 HATCH SIZE : NO.1 HOLD 16.8 X 10.5 M  
           : NO.2 HOLD 32.2 X 10.5 M  
           : NO.3 HOLD 16.1 X 10.5 M  
 DERRICKS/CRANES : NO.1 DERRICK 30 T (20 M)  
                   NO.2 & 3 CRANE 30 T (20 M)  
                   NO.4 DERRICK 30 T (19 M)  
           : OUT REACH 6.9M  
 MAIN ENGINE : AKASAKA 7UEC37LA  
 HORSE POWER : MCO 3640 KW(4949 PS or 4879 HP) X 210 RPM  
           : CSO 3276 KW (4454 PS or 4391 HP) X 203 RPM  
 DECK : SINGLE  
 SHIP BUILT : OCT. 2007  
 CAPACITY OF CARGO HOLD : GRAIN 16,645.21 M3  
           : BALE 16,125.21 M3  
 BUNKER CAPACITY : A OIL: 133.25 M3(112.56 KT) C OIL: 790.24 M3(720.69 KT)  
 FRESH WATER CAPACITY : 243.6 KT  
 BALLAST WATER TANK : 1,881.11 KT  
 PASSENGER ACCOMMODATION : NIL  
 LDT : 3436 KT  
 DIESEL GENERATOR ENGINE : YANMAR 6NY16L-SN 400 KW (544 PS) X 1200 RPM X 2  
 ELE. GENERATOR : 2AC 450 KVA X 2 SETS  
 DECK LOAD ( T/M2 ) : UPPER DECK – (ON ALL HATCHES) 3.5 T/M2  
                   : UPPER DECK – (ON HATCHES & CROSS DECK 3.0 T/M2  
                   : INNER BOTTOM (TANK TOP) UNIFORM LOAD 8.8 T/M2

## FUEL CONSUMPTION/24 HRS (DESIGN):

AT SEA: ABOUT 12.00 KTS ON ABOUT MT IFO (180CST) + ABOUT 1.2 MT MGO IN BALLAST  
           ABOUT 11.50 KTS ON ABOUT MT IFO (180CST) + ABOUT 1.2 MT MGO IN LADEN  
 IN PORT: ABOUT 0.3 MT IFO (180CST) + ABOUT 2.5 MT MGO IN WORKING CONDITION  
           ABOUT 0.3 MT IFO (180CST) + ABOUT 1.5 MT MGO IN IDLE CONDITION

ECO SPEED (ABT 75-80% ENGINE CAPACITY): AT SEA / IFO180: ABT 12.5MT; MGO: ABT 1.2MT  
 ABT 11.5 KNOTS (BALLAST); ABT 11.0 KNOTS (LADEN)

UNDER ECO SPEED, OWNER HAVE RIGHT FOR VESSEL TO PROCEED AT REGULAR SERVICE SPEED FOR  
 1 HOUR EVERYDAY IN ORDER TO BLOW OUT EXCESS EXHAUST/CARBON DEPOSIT TO PREVENT

EFFECTIVE DAMAGE TO MAIN ENGINE COMPONENTS. VESSEL HAS LIBERTY OF USING MGO WHEN MANOEUVRING IN/OUT PORT, ON STANDBY, NARROW WATERS, CANALS, RIVERS, INLAND SEA.

SPEED/CONSUMPTION FIGURES BASIS SUMMER DRAFT, UNDER GOOD WEATHER CONDITIONS ON UNRESTRICTED PASSAGE NOT EXCEEDING BEAUFORT FORCE 4 AND/OR DOUGLAS SEA STATE 3. IT IS EXPLICITLY UNDERSTOOD AND AGREED THAT NO WARRANTY APPLIES WHILST SAILING IN RESTRICTED AREAS A/O I/O PORTS/CANALS/RIVERS, MANOEUVERING, PILOT TO PILOT, SAILING IN BAD WEATHER AND/OR IN NARROW/SHALLOW WATERS WHEN THE VESSEL MAY CONSUMES MDO IN MAIN ENGINE. CONSUMPTION MAY INCREASE DURING BALLASTING/DEBALLASTING/BALLAST EXCHANGE OPERATION EITHER AT PORT/SEA. 'ABOUT' ON SPEED MEANS 0.5 KNOT ALLOWANCE AND 'ABOUT' ON BUNKERS CONSUMPTION MEANS 5% ALLOWANCE ON THE DESCRIBED DAILY BUNKER CONSUMPTION

SPEED/CONSUMPTION UNDERPERFORMANCE CLAIM CAN ONLY BE SUBMITTED / APPLIED TO GOOD WEATHER PERIODS DURING WHICH THE VESSEL ENCOUNTERS WEATHER UPTO BEAUFORT 4 AND/OR DOUGLAS SEASTATE 3 (SIGNIFICANT WAVE UP TO 1.25 M MAX) AND/OR NO ADVERSE CURRENT AND/OR NO NEGATIVE INFLUENCE OF SWELL, AND NOT TO ANY OTHER PERIODS OF THE VOYAGE, NO EXTRAPOLATION ALLOWED . NO CURRENT FACTORS OR WEATHER FACTORS ALLOWED TO BE APPLIED FOR THE EVALUATION OF PERFORMANCE. PERIOD OF CONTINUOUS UNINTERRUPTED GOOD WEATHER MUST BE ATLEAST 24 HOURS LONG.

ALL DETAILS ABOUT GIVEN IN GOOD FAITH, EXCEPT SPEED/CONSUMPTION FIGURES WHICH DESCRIBED AS ABOUT ONLY. HOWEVER ECO SPEED/CONS ARE ALWAYS WOG.