

Vessel : **M/T ASPROPYRGOS**

Place of
inspection: San Francisco/CA/USA

Date of inspection: 9-20 April 2016

Inspected by : G.Alexandris

Distribution to : PARADISE NAVIGATION SA
Technical Manager
Operations
Manager
Safety Manager
Crew Manager

M/T ASPROPYRGOS
Master
Ch.Engineer

CONTENTS

A.	GENERAL DESCRIPTION
B.	STATUTORY CERTIFICATES
C.	CLASSIFICATION SURVEYS
D.	ESSENTIAL DOCUMENTS ONBOARD
E.	CRITERIA FOR EVALUATION OF CONDITION
F.	CONDITION REPORT
1.0	Hull Fitting and External Systems
2.0	Ventilation and Air Conditioning Systems
3.0	Safety Equipment Systems
4.0	Cargo Systems
5.0	Hull Structure Repairs and Renewal Systems
6.0	Deck Machinery , Equipment and Pipeline Systems
7.0	Ballast System
8.0	Propulsion Systems
9.0	Tailshaft , Propeller and Steering Systems
10.0	Sea Water Systems
11.0	Feed Water Systems
12.0	Evaporator and Water Distilled Systems
13.0	Engine Cooling System
14.0	Lubricating Oil System
15.0	Compressed Air System
16.0	Workshop Machinery , Tools and Systems
17.0	Boiler and Steam Systems
18.0	Generating and Electrical Systems
19.0	Switchboards , Power and Lighting Distribution Systems
20.0	Navigation , Radio and Communication Systems
21.0	Accommodation Systems
G.	SPARE GEAR
H.	OFFICERS AND CREW
I.	LIST OF PENDING ITEMS
J.	CIRCULATION OF THIS INSPECTION REPORT
K.	ATTACHMENTS
	PHOTO INDEX attached (APPENDIX 1)

A. GENERAL DESCRIPTION
 (all dimensions/weights
 metric)

SHIP'S NAME	ASPROPYRGOS
OWNER	ASPROPYRGOS II MARITIME LTD
CALL SIGN	C6TM9
FLAG	BAHAMAS
PORT OF REGISTRY	NASSAU
OFFICIAL NUMBER	8000786
DATE OF BUILD	AUGUST 2004
PLACE OF BUILD	HUDONG-ZHONGHUA SHIPYARD
HULL NUMBER	H1300A
KIND AND TYPE OF VESSEL	OIL TANKER
CLASSIFICATION SOCIETY	NIPPON KAIJI KYOKAI
CLASSIFICATION NOTATION	+100A1 DOUBLE HULL OIL TANKER
CLASSIFICATION NUMBER	49062
IMO NUMBER	9283629
SUMMER DEADWEIGHT	72854.26
SUMMER DRAFT	14.015
LIGHT SHIP WEIGHT	13394.84
L.O.A.	228.6
L.B.P.	221.03
BREADTH (MLD)	32.26
DEPTH (MLD)	20.2
G.R.T.	40690
N.R.T.	21232
PANAMA CANAL GROSS TONNAGE	40690
PANAMA CANAL NET	33630
SUEZ CANAL GROSS TONNAGE	40690
SUEZ CANAL NET	37840.8
PROPULSION MACHINERY	HHM MAN B&W 6S60MC - CMK-6
	MCR 11500KW @ 105 RPM
ELECTRIC POWER	3 x 600KW @ 900 RPM

B. LIST OF STATUTORY CERTIFICATES

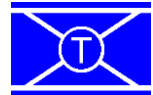
	issue date	expiry date
REGISTRY	12/18/2014	unlimited
SAFE MANNING	10/8/2014	10/7/2019
RADIO STATION LICENCE	12/18/2014	unlimited
LOAD LINE	10/22/2014	8/30/2019
SAFETY CONSTRUCTION	10/22/2014	8/30/2019
SAFETY EQUIPMENT	4/11/2016	9/10/2016
SAFETY RADIO	10/22/2014	8/30/2019
IOPP	10/22/2014	8/30/2019
IAPP	10/22/2014	8/30/2019
ISPP	10/22/2014	8/30/2019
DERATTING EXEMPTION	9/16/2015	3/16/2016
CARGO GEAR ANNUAL SURVEY	8/4/2015	8/4/2016
SAFETY MANAGEMENT CERT-SMC	10/8/2014	7/10/2019
DOCUMENT OF COMPLIANCE- D.O.C.	3/17/2014	4/28/2018

C. CLASSIFICATION SURVEYS

ANNUAL HULL	10/12/2015	8/30/2016
MACHINERY	10/12/2015	8/30/2016
LAST SPECIAL SURVEY		8/30/2019
LAST DRYDOCKING		8/30/2019
LAST TAILSHAFT		8/30/2019

**D. ESSENTIAL DOCUMENTS/MANUALS
ONBOARD**

	YES/NO
LOADING MANUAL	YES
ODM MANUAL	YES
INERT GAS MANUAL	YES
GARBAGE MANAGEMENT PLAN	YES
GARBAGE LOG BOOK	YES
OIL WATER SEPARATOR MANUAL	YES
GMDSS MANUAL	YES
COMPUTERIZED LOADING PROGRAM MANUAL	YES
ISM MANUALS	YES
SOLAS LIFESAVING AND FIREFIGHTING TRAINING COPIES	YES
FLEET CIRCULARS	YES
COMPANY/VESSEL FORMS AND CHECK LISTS	YES
SHIPBOARD OIL POLLUTION EMERGENCY PLAN - SOPEP	YES
SECURITY PLAN	YES

**E. CRITERIA FOR EVALUATION OF CONDITION**

GOOD Condition superior in all respects or better than average. A condition of unimpaired original strength and/or efficiency. No maintenance or repair required

SATISFACTORY Condition average. Deficiencies of a minor nature not requiring correction. A condition of such a wear and tear of such an extent as not to essentially affect original strength and/or efficiency.

SERVICEABLE Condition just below average. Condition of wear and tear of such an extent as to reduce strength and/or efficiency to a degree short of necessity for immediate corrective measures, however still fit for further use or service

UNSATISFACTORY Condition below average. Deficiencies requiring immediate corrective measures or those carrying a grace period granted by regulatory bodies.

POOR Condition deteriorated in all respects. Beyond economical repair, requiring renewal or replacement.

SUBJET TO FURTHER SURVEY Condition of specific item could not be ascertained, and further inspection is imperative for full evaluation of ship's general condition.

F. CONDITION REPORT

1. HULL FITTINGS AND EXTERNAL SYSTEMS

		<u>condition</u>
1.1	FLAT BOTTOM	GOOD
	flat bottom not seen but no problems reported either	
1.2	LOW VERTICAL BOTTOM	GOOD
	same as above	
1.3	BOOTTOP-VERTICAL SIDES	GOOD
	structure good, paint intact, few scratches and rubber marks	
1.4	TOPSIDES	GOOD
	same as above	
1.5	SACRIFICIAL ANODES / ICCP	GOOD
	anodes fitted during last DD on Oct'14, ICCP logs retained	
1.6	ACCOMODATION / SUPERSTRUCTURE	GOOD
	in need of coating refresh, good structural condition	
1.7	MAIN DECK	GOOD
	occasional wear off paint on steam pipes midship to fwd	
1.8	DECK FITTINGS (Bitts/Bollards/Fairleads/Pedestals/etc..)	GOOD
	structure good, lubrication good	
1.9	SEALVALVES AND SHELL PENETRATIONS	GOOD
	no problems reported or seen	

2. VENTILATION AND AIR CONDITIONING SYSTEMS

		<u>condition</u>
2.1	AIR CONDITION UNITS	GOOD
	no problems reported or seen	
2.2	ECR A/C UNIT	GOOD
	no problems reported or seen	
2.3	E/R SUPPLY AND AXHAUST FANS/LOUVRES/VENT.TRUNKS	GOOD
	no problems reported or seen	
2.4	FANS, EXTRACTION AND SUPPLY EXCEPT E/R	GOOD
	no problems reported or seen	

3. SAFETY EQUIPMENT SYSTEMS

		<u>condition</u>
3.1	EMERGENCY FIRE PUMP tested successfully	GOOD
3.2	FIXED CO2 SYSTEM (E/Rm & P/Rm) no problems reported or seen	GOOD
3.3	FIRE DETECTION, FIRE & GENERAL ALARMS no problems reported or seen	GOOD
3.4	PORTABLE FIRE EXTINGUISHERS no problems reported or seen	GOOD
3.5	EEBD, BA, RESUSCITATORS, FIREMAN'S OUTFITTS no problems reported or seen	GOOD
3.6	PORTABLE GAS DETECTORS no problems reported or seen	GOOD
3.7	LIFEBUOYS, LIFEJACKETS, LIFELINES, IMMERSION SUITS no problems reported or seen	GOOD
3.8	LIFEBOATS, DAVITS AND RELEASE GEAR in good order, inspection carried out	GOOD
3.9	INFLATABLE LIFERAFTS AND HYDROSTATIC RELEASES last service on May'15 (Wilhelmsen exchange programme)	GOOD
3.10	PYROTECHNICS no problems reported or seen	GOOD
3.11	WATERTIGHT DOORS no problems reported or seen	GOOD
3.12	E/R EMERGENCY REMOTE CONTROLS no problems reported or seen	GOOD
3.13	SAFETY DRILLS as per company's SMS	GOOD

4. CARGO SYSTEMS

		<u>condition</u>
4.1	CARGO PUMPS & CARGO LINES tested, found in good order	GOOD
4.2	IGS SYSTEM AND PIPELINES in operation, no problems reported or seen	GOOD

5. HULL STRUCTURE, REPAIRS AND RENEWAL SYSTEMS

		<u>condition</u>
5.1	BOTTOM, SIDE, DECK, BOW, STERN, BILGE KEELS no problems reported or seen	GOOD
5.2	CHAIN LOCKERS no problems reported or seen	GOOD
5.3	W.T.BHDS / O.T. BHDS no problems reported or seen	GOOD
5.4	FW Tks, DW Tks, L.O.Tks, COFFERDAMS, VOID SPACES no problems reported or seen	GOOD
5.5	ULTRASONIC THICKNESS MEASUREMENTS REPORT last record on October 2014	GOOD

6. DECK MACHINERY, EQUIPMENT AND LINES

		<u>condition</u>
6.1	ANCHOR WINDLASSES, MOORING WINCHES tested and found in good condition	GOOD
6.2	ANCHORS, CHAIN CABLES, SHACKLES. SWIVELS no problems reported or seen	GOOD
6.3	MOORING ROPES, WIRES, ROPE TAILS, TOW WIRES no problems reported or seen	GOOD
6.4	FIRE LINE, BUNKER LINE, AIR LINE, HYDRAULIC LINE, ETC. no problems reported or seen	GOOD
6.5	CRANES (HOSE HANDLING / PROVISIONS) tested and found in good condition	GOOD
6.6	ACCOMODATION/PILOT LADDERS AND WINCHES tested and found in good condition	GOOD

7. BALLAST SYSTEM

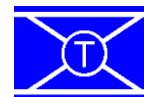
		<u>condition</u>
7.1	BALLAST PUMPS tested and found in good condition	GOOD
7.2	BALLAST STRIPPING EDUCTOR no problems reported or seen	GOOD
7.3	BALLAST LINES no problems reported or seen	GOOD
7.4	WBT VALVES IN Erm/PRm no problems reported or seen	GOOD
7.5	PORTABLE VENT.FANS no problems reported or seen	GOOD
7.6	LOADING INSTRUMENT (CARGOMASTER) no problems reported or seen	GOOD

 8. PROPULSION SYSTEMS

		<u>condition</u>
8.1	MAIN ENGINE (HHM-MAN-B&W 6S60MC) no problems reported or seen, records kept and maintenance as per company's SMS and PMS	GOOD

 9. TAILSHAFT, PROPELLER, STEERING SYSTEMS

		<u>condition</u>
9.1	PROPELLER no problems reported or seen	GOOD
9.2	TAILSHAFT & STERN TUBE SEALS, INTERMEDIATE SHAFT no problems reported or seen	GOOD
9.3	STEERING GEAR, RUDDER AND ARRESTING SYSTEM tested and found in good condition	GOOD


 10. SEA WATER SYSTEMS

10.1	<u>condition</u>
SEA CHESTS, FILTERS, PIPING	GOOD
no problems reported or seen	

 11. FEED WATER SYSTEMS

11.1	<u>condition</u>
PUMPS. PIPING	GOOD
no problems reported or seen	

 12. EVAPORATOR AND WATER DISTILLED SYSTEMS

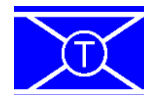
12.1	<u>condition</u>
F.W.GENERATOR, PUMPS, PIPING	GOOD
no problems reported or seen	
daily production of fwg satisfactory 20m3	

 13. ENGINE COOLING SYSTEM

13.1	<u>condition</u>
PUMPS, COOLERS, PIPING	GOOD
no problems reported or seen	

 14. LUBRICATING OIL SYSTEM

14.1	<u>condition</u>
PUMPS, PURIFIERS, HEATERS, PIPING	GOOD
no problems reported or seen	



15. COMPRESSED AIR SYSTEM

		<u>condition</u>
15.1	MAIN AIR COMPRESSOR (START AIR) tested, found in good order	GOOD
15.2	EMERGENCY AIR COMPRESSOR tested, found in good order	GOOD
15.3	DECK AIR COMPRESSOR tested, found in good order	GOOD
15.4	AIR CYLINDERS, AIR DRYER, PIPING no problems reported or seen	GOOD

16. MACHINERY WORKSHOP, TOOLS AND SYSTEMS

		<u>condition</u>
16.1	UNIVERSAL, LATHE, GRINDERS, SAWS, BENDING, ETC... no problems reported or seen	GOOD
16.2	WELDING EQUIPMENT, O2/AC, TIG no problems reported or seen	GOOD
16.3	FUEL VALVE TEST PUMP no problems reported or seen	GOOD
16.4	VALVE GRINDING MACHINE no problems reported or seen	GOOD
16.5	E/R CRANE, HOIST AND MAINTENANCE EQUIPMENT tested and found in good condition	GOOD

17. BOILERS AND STEAM SYSTEMS

		<u>condition</u>
17.1	AUX. BOILERS, LOCAL-POWER-CONTROL PANELS in operation, no problems reported or seen	GOOD
17.2	COMPOSITE BOILER, LOCAL-CONTROL PANELS in operation, no problems reported or seen	GOOD

18. DIESEL GENERATORS AND ELECTRICAL SYSTEMS

		<u>condition</u>
18.2	D/G ENGINES, ALTERNATORS	GOOD
	no problems reported or seen, records kept and maintenance as per company's SMS and PMS	
18.2	D/G T/C, AIR COOLERS, EXHAUST TRUNKING, SILENCER	GOOD
	no problems reported or seen	

19. SWITCHBOARDS, POWER & LIGHTING DISTRIBUTION SYSTEMS

		<u>condition</u>
19.1	MAIN SWITCHBOARD	GOOD
	no problems reported or seen	
19.2	AUXILIARY SWITCHBOARDS	GOOD
	no problems reported or seen	
19.3	EMERGENCY SWITCHBOARD	GOOD
	no problems reported or seen	
19.4	DISTRIBUTION PANELS	GOOD
	no problems reported or seen	
19.5	GROUP STARTER PANELS / MEGGER TEST	GOOD
	no problems reported or seen	
19.6	SHORE CONNECTION BOX	GOOD
	no problems reported or seen	
19.7	MACHINERY SPACE LIGHTING	GOOD
	no problems reported or seen	
19.8	ACCOMODATION, DECK SPACES LIGHTING	GOOD
	no problems reported or seen	
19.9	NAVIGATION LIGHTING SYSTEM AND INDICATORS	GOOD
	no problems reported or seen	
19.10	EMERGENCY BATTERIES AND CHARGER	GOOD
	no problems reported or seen	

20. NAVIGATION , RADIO AND COMMUNICATION SYSTEMS

		<u>condition</u>
20.1	GYRO & MAGNETIC COMPASSES	GOOD
	no problems reported or seen	
20.2	RADARS INCLUDING ARPA	GOOD
	no problems reported or seen	
20.3	GPS, ECHO SOUNDER, SPEEDLOG	GOOD
	no problems reported or seen	
20.4	AIS, ECDIS, VDR, SSAS	GOOD
	no problems reported or seen	
20.5	SSB, MAIN & AUX. TRANSMITTERS/RECEIVERS	GOOD
	no problems reported or seen	
20.6	EPIRB, RADAR TRANSPONDERS	GOOD
	no problems reported or seen	
20.7	VHF, WALKIE-TALKIES	GOOD
	no problems reported or seen	
20.8	SATCOM F77, MINI-M, TLX C, GMDSS	GOOD
	no problems reported or seen	
20.9	RADIO, TV AND VIDEO.DVD UNITS	GOOD
	no problems reported or seen	
20.10	BATTERIES FOR GMDSS	GOOD
	no problems reported or seen	
20.11	PHOTOCOPIERS	GOOD
	no problems reported or seen	

21. ACCOMODATION
SYSTEMS

		<u>condition</u>
21.1	INTERNAL SPACES, ALLEWAYS, WC, FLOORING, PANELS clean and tidy	GOOD
21.2	EMERGENCY FIRE PUMP SPACE clean and tidy	GOOD
21.3	STEERING GEAR ROOM clean and tidy	GOOD
21.4	SHIP'S OFFICE clean and tidy	GOOD
21.5	ECR, CCR clean and tidy, no problems reported or seen	GOOD
21.6	WHEEL HOUSE SPACE, RADIO ROOM clean and tidy	GOOD
21.7	GALLEY, EQUIPMENT AND SPACE, PROVISIONS STORES clean and tidy	GOOD
21.8	LAUNTRY EQUIPMENT, WASHERS, DRYERS, IRONS clean and tidy, no problems reported or seen	GOOD
21.9	FRESH WATER SYSTEM, VACUUM SYSTEM no problems reported or seen	GOOD
21.10	REFRIGERATING PLANT, COMPRESSORS, CONDENSORS no problems reported or seen	GOOD

G. SPARE GEAR

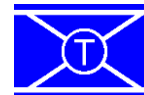
	qty
CYLINDER COVERS	1
M/E CYLINDER LINER	2
M/E PISTON COMPLETE	1
EXHAUST VALVE STEMS	3
EXHAUST VALVE SEATS	n/a
SET OF CAMSHAFT GEARS	1
SET THRUST PADS	1
M/E MAIN BEARING	2
BOTTOM END BEARING	2
CROSS HEAD BEARING	2
M/E H.P.F.O.PUMPS	3

H. OFFICERS AND CREW

All officers and crew are experienced and very familiar with tanker operations. However continuous training and familiarization with company's standards and requirements is recommended, especially on these type of ships.

I. LIST OF DEFICIENCIES / PENDING ITEMS

No.	Description	Due date	In Charge
1	General greasing and maintainance on deck equipment as per common practice to be further carried out.	May'16	Master & Ch.Officer
2	Erm bilges to be washed with fresh water and if necessary to be repainted	Jun'16	Ch.Engineer
3	Cargo lines, IG line, COW line, Vapour line on deck to maintain at the supporting areas.	Jun'16	Master & Ch.Officer
4	Viscosity/Temperature regulator currently in manual mode, to be repaired in auto mode as well.	Jun'16	Ch.Engineer
5	All expansion joints on deck to be further checked and repaired as found necessary, especialy steam line exp.joints.	May'16	Master & Ch.Officer

**J. CIRCULATION OF THIS INSPECTION REPORT**

Name	Title/Position
P.Koutsoukos	Technical Manager
Capt.Th.Tsanakas	Operations Manager
K.Sakkas	Safety Manager
A.Drossos	Crew Manager
M/T ASPROPYRGOS	Master & Ch.Engineer

edited by : G. ALEXANDRIS

date: 4/27/2016

K. ATTACHEMENTS / APPENDICES

Photos Index

Random selection / representative photos taken onboard during the inspection









