

PT. SAMUDERA INDONESIA SHIP MANAGEMENT				MODEL : TD - 04	
<b>RECORD OF INSPECTION</b>					
NAME OF VESSEL LPG/C GAS NURI ARIZONA			DATE OF INSPECTION 31-Jul-18		CALL SIGN PNKR
WEATHER BLUE SKY	WIND DIRECTION & VELOCITY N3		CLASSIFICATION KR CLASS		FLAG INDONESIA
L.O.A / L.B.P 105 m / 98 m	NAME OF ARTICLE SEA TRIAL			DRAFT FORE / AFT 3,2 M / 3,6 M	

  

**A. MAIN ENGINE TRIAL**

ENGINE MODEL	: 6 UE C 37 LA	RATED OUT PUT	: 4200 PS
NO. OF CYLINDER	: 6	RATED SPEED	: 210 rpm
CYCLE	: 2 -STROKE	EXPLOSION PRESSURE	: - Kg/cm <sup>2</sup>
DIAMETER OF CYLINDER	: 370 mm	B.M.E.P	: - Kg/cm <sup>2</sup>
STROKE OF PISTON	: 880 mm	COMPRESSION RATIO	: - ; -
TEMPERATURE OF EXHAUST GAS : HIGHEST 400° C		LOWEST : 380° C	
COOLING WATER PRESSURE :	1.2 KG / CM2	RPM ME: 170	
LUBRICATING PRESSURE :	1.8 KG / CM2		
SCAVENGING AIR PRESSURE :	0.8 KG / CM2		
FUEL NOZZLE COOLING PRES	- KG / CM2		
GOVERNOR CONTROL PRESS	- KG / CM2		
EXH. GAS T/C OF ME TEMPERATURE:	° C	RPM T/C: 13,000	

  

**B. AUXILIARY ENGINE TRIAL** : : YES

  

**C. PUMPS TEST** : : YES

  

**D. SPEED MAXIMUM** : 12.4 KNOTS

  

**F. FUEL CONSUMPTION** :

FUEL CONSUMPTION AUX, ENGINE	: 0.888 TONS/DAY
FUEL OIL CONSUMPTION MAIN ENGINE	: 9.500 TONS/DAY

  

**G. MANOUVERING TEST**

0 to 35 ) STARBOARD :	10 SECOND, (0 To 35) PORTSIDE	11 SECOND
(35 STB to 35 PS)	36.58 SECOND, (35 PS to 35 STB) :	36.58 SECOND
(35 PS to 0) :	11 SECOND, (35 STB to 0) :	10 SECOND

  

**H. CRASH STOP TEST (VESSEL FULL SPEED AHEAD - STOP-ASTERN)**

TIME FOR SHIP STOPPING :	18 SECOND ( 06 minutes )
DISTANCE UNTIL SHIP STOPPING :	1092 M

  

**I. CIRCLE TEST**

STB CIRCLE TEST WITH RUDDER 35. DIAMETER OF CIRCLE:	355.68 M, HEELING ANGLE : - deg to Port
PS CIRCLE TEST WITH RUDDER 35, DIAMETER OF CIRCLE :	335.92 M, HEELING ANGLE : - deg to Starboard

  

OWNER SURVEYOR NAME : Mr. Kim Sangbum SIGNATURE :	MASTER NAME : Capt. ISKRO MUJI. SIGNATURE :	CHIEF ENGINEER NAME : TARIP. SIGNATURE :
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