



**ECR. 3.5 - MAIN ENGINE UNDER PISTON SCAVENGE SPACE REPORT**

Date : 10/08/2018  
 Page No : 1 of 1  
 Made by : QHSE  
 Approved by : MD  
 Rev. No : 0

**MAIN ENGINE (2- Stroke) - Under Piston Scavenge Space / Piston & Liner Inspection**

Vessel:	Bitu Atlantic	Date:	08-Dec-18	Port:	Port Lome/ anchorage					
Engine Type	6UE60LA	Total Engine R.Hrs:	58867	R.Hrs Since Last Inspection	458					
Cylinder Oil Type	Alexia X50	Cylinder Oil Cons (ltrs/day)	290	Sp Cyl Oil Cons						
Lubrication : Load or RPM Dependant:		Inspection Done By: ANGELADA Arsenio Jr. Cervantes								
Condition & Symbol		Engine Part	Cylinder No							
Unit Running Hours Since Last Overhaul			1	2	3	4	5	6	7	8
Piston Crown (Physical Condition)	Intact - * Burning - BU Leaking Oil - LO Cracked - CR Broken - BR	Piston Crown	*	*	*	*	*	*		
Piston Crown Carbon Deposits	No Deposits - * Light Deposit - LD Medium Deposit - MD Heavy Deposit - HD	Crown Top Ring Groove 1 Ring Groove 2 Ring Groove 3 Ring Groove 4 Ring Groove 5	LD * * * *	LD * * * *	LD * * * *	LD * * * *	LD * * * *	LD * * * *		
Piston Rings	Intact & Wet - * Intact & Dry - D Collapsed - C Broken - BR Missing - M	Ring No. 1 Ring No. 2 Ring No. 3 Ring No. 4 Ring No. 5	* * * * *	* * * * *	* * * * *	* * * * *	* * * * *	* * * * *		
Ring Movement	Easy - * Sticking - S Jammed - J	Ring No. 1 Ring No. 2 Ring No. 3 Ring No. 4 Ring No. 5	* * * * *	* * * * *	* * * * *	* * * * *	* * * * *	* * * * *		
Cylinder Liner	No Carbon Deposits- * Light Deposit - LD Medium Deposit - MD Heavy Deposit - HD	Scavenge Ports	*	*	*	*	*	*		
Cylinder Liner	Ports Cleaned ( Y/N)	Scavenge Ports	Y	Y	Y	Y	Y	Y		
Cylinder Liner	No Water Leak - * Water Leak - WL	Cylinder Liner	*	*	*	*	*	*		
Under Piston Scavenge Space	No Sludge Deposits- * Light Deposit - LD Medium Deposit - MD Heavy Deposit - HD	Engine Block	LD	LD	LD	LD	LD	LD		
UP Scavenge Space	UP Space Cleaned (Y/N)	Engine Block	N	N	N	N	N	N		
Scavenge Space ( Carbon Deposit)	Clean - * Light Deposit - LD Medium Deposit - MD Heavy Deposit - HD	Scavenge Manifold	LD	LD	LD	LD	LD	LD		
Scavenge Space	Manifold Cleaned (Y/N)	Scavenge Manifold	Y	Y	Y	Y	Y	Y		
Scavenge Air Flaps (NRV)	Intact & Free - * Broken - BR Frozen - FR	Scavenge Manifold	*	*	*	*	*	*		
Remarks	ALL ARE FOUND SATISFACTORY.									



ANDRIESANU Dumitru  
 Chief Engineer