

SPRING MARINE BULK S.A.

Integrated Management System Manual

M 002

MAINTENANCE INSPECTION REPORT

VESSEL M/V NENITA

DATE: JUN. 11, 2016

ITEM / EQUIPMENT: MAIN ENGINE PISTON NO. 3

TYPE OF INSPECTION:

PLANNED

UNSCHEDULED

IS EQUIPMENT CRITICAL?

YES

NO

CONDITION FOUND:

PISTON GROOVE OVER SIZE

REPAIRS CARRIED OUT:

OVERHAULED MAIN ENGINE CYLINDER NO.3 DUE TO PERIODECAL MAINTENANCE. CLEANED ALL CABON DEPOSITS AT , CYLINDER COVER AND CYLINDER LINER COMBUSTION SIDE. TOOK UP MEASUREMENT OF PISTON RINGS, RING GROOVE & CYLINDER LINER. RENEWED WITH NEW SPARE PISTON COMPLETE WITH ROD, O RING , GASKETS AND PISTON RINGS.

SPARES & MATERIAL USED (TICK IF INVENTORY UPDATED)

1 SET PISTON RING P/N 332B-5, P/N 332B-6, P/N 332B-7, P/N 332B-6
1 pc. GASKET P/N 231F-15
8 pcs. O RING P/N 231F-7
2 pcs. O RING P/N 434B-22
2 pcs. O RING P/N 345A-E3
1 pc. O RING P/N 332C-14
1 pc. PC RING P/N 231F-66
1 pc. PISTON COMPLETE WITH ROD P/N 332B

CORRECTIVE ACTION REQUIRED (PENDING):

MAINTENANCE INSPECTION CARRIED-OUT AS PER MANUAL INSTRUCTION /PMS SHEDULE

ADDITIONAL REMARKS:

CHECK ALL PARTS FOUND IN GOOD CONDITION

C/E

Chief Officer / Chief Engineer (Name/Signature)

Master (Name/Signature)

Technical Manager / Technical Superintendent
(Name/Signature)

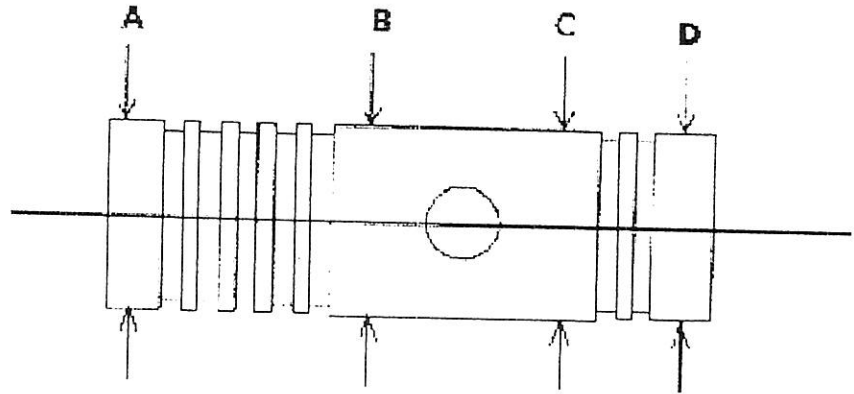
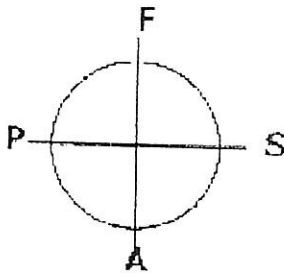
VESSEL: M/V NENITA

INSPECTION DATE: JUNE 11, 2016

ENGINE: MAIN ENGINE

PISTON NO: 3

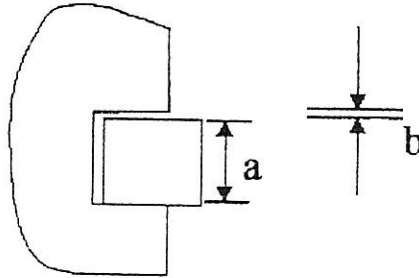
PISTON OUTSIDE DIAMETER



MEASUREMENTS UNIT: mm

Cylinder No.		1	2	3	4	5	6	7	8
		Position							
A	FA=			495mm					
	PS=			495mm					
B	FA=			495mm					
	PS=			495mm					
C	FA=			495mm					
	PS=			495mm					
D	FA=			495mm					
	PS=			495mm					

PISTON RINGS AND GROOVES



MEASUREMENTS UNIT: 1/100 mm

Manufacturer Allowable Values:	a	b	0.65 mm max.
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Piston Ring Cylinder No.	Piston Ring							
	1	2	3	4	5	6	7	8
1	a =		12.37mm					
	b =		0.38mm					
2	a =		9.38mm					
	b =		0.37mm					
3	a =		9.37mm					
	b =		0.38mm					
4	a =		9.38mm					
	b =		0.37mm					
5	a =							
	b =							
6	a =							
	b =							
7	a =							
	b =							
8	a =							
	b =							