



HANWA ENGINEERING CO., LTD.

9F, URBAN RESEARCH BLDG.1-6-4, KYOMACHIBORI

TEL:816-6444-7830 FAX:816-6444-7831

NISHI-KU, OSAKA, JAPAN

E-MAIL: operation@hanwaeng.co.jp

VESSEL NAME:	DATE: 29TH MAY .2020
PLACE OF WORK: WEI HAI SUD SHIPYARD	REF. NO:

Main engine main bearing, cross-head bearing, connecting rod bearing inspection.

Type: 6G70ME-C9.2-T II

According to CLASS surveyor and crew requirement.

We dismantled No.2 and No.3 main bearing for inspection. We changed the main bearing of No.2 after we found the lead was worn out and crack.

We dismantled No.2 unit cross-head bearing for inspection.

We dismantled No.2 unit connecting rod big end bearing for inspection.

After surveyor and crew photo recorded, we cleaned all the carbon residue and fixed all parts in reverse order.

DIMITRIOS N. MOROS
CHIEF ENGINEER





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VESSEL NAME:	DATE: 29TH MAY .2020
PLACE OF WORK: WEIHAI SUD SHIPYARD	REF. NO:

Main engine maintenance.

Type: 6G70ME-C9.2-T II

Overhaul main engine No.2, No.3, No.4 unit.

Pistons lifted out on No.2, No.3 and No.4 unit. We cleaned the carbon on the piston crowns and the rods, we changed all the piston rings.

No.4 Piston crown was found crack and we changed the new one. The old crown dismantled and lifted onto deck for transportation according to ship request.

No.4 liner changed according to ship request. We replaced o-rings for liner cooling water jacket and cylinder cover water jacket.

No.3 and No.4 stuffing box were overhauled and replaced with spare parts necessarily.

After the carbon cleaning job, we fixed all the parts in reverse order.


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VESSEL NAME: M/V	DATE: 29TH MAY .2020
PLACE OF WORK: WEI HAI SUD SHIPYARD	REF. NO:

Main engine turbocharger overhaul

Type: MET66MA

Turbocharger dismantled on board. We checked the clearance and did the cleaning job.

Transfer the rotor and nozzle ring to workshop for dynamic balancing test.

Repair crack which occur on compressor wheel.

Dye penetration test for check crack repairing result.

Turbine blade and nozzle proceed sand blasting, dye penetration test.

Transfer all parts back to shipyard, fix back in reverse order.

Replace o-ring, thrust pad, oil seal, etc. All the parts took from ship store.

Transportation from shipyard to local workshop 2 trips



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VESSEL NAME: M/V _____	DATE: 29TH MAY .2020
PLACE OF WORK: WEI HAI SUD SHIPYARD	REF. NO:

Main engine fuel pump maintenance.

Type: 6G70ME-C9.2-T II

We dismantled the checker plates for further lifting the pumps.

We lifted the pumps and transferred to workshop. We overhauled the pumps under the service engineer guidance.

All the parts installed back after cleaning job.

2 person worked 6 days.


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