

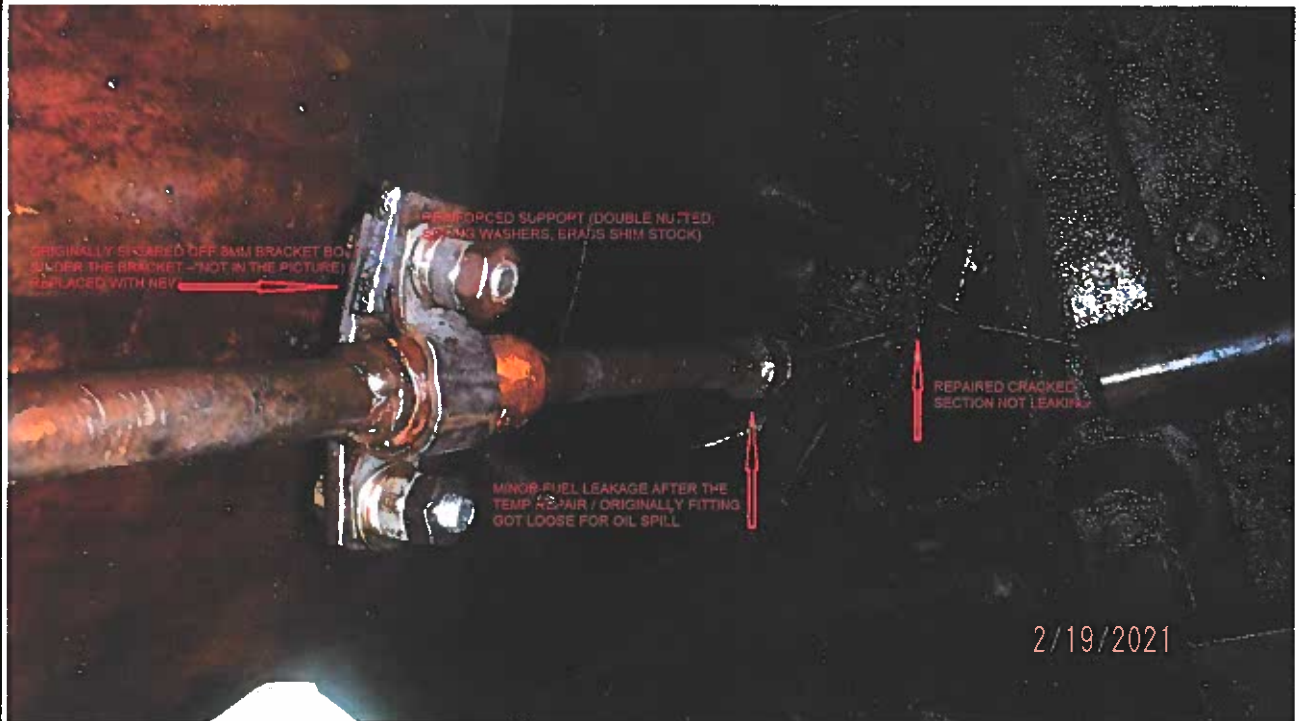
<b>CMASHIPS</b> <small>CMA CGM group</small> <b>APL</b>	<b>FLEET MANUAL</b>	<b>MARINE TOOL</b>
<b>Card No Fleet-061</b>	<b>Version 06 2017-05-01</b>	<b>Page 1 of 2</b>
<b>Defect report</b>		

<b>VESSEL : President Eisenhower</b>		<b>DATE: 19-Dec-2021</b>	<b>DR n°: 2102-001</b>
<b>ACTION CODE:</b>	<input type="checkbox"/> <b>URGENT</b>	<input checked="" type="checkbox"/> <b>WARNING</b>	<input type="checkbox"/> <b>NORMAL</b>
<b>SUBDIVISION:</b>	<input type="checkbox"/> <b>HULL</b>	<input checked="" type="checkbox"/> <b>MACHINERY</b>	<input type="checkbox"/> <b>NAVIGATION</b>
<b>EQUIPMENT:</b>	Main Engine		
<b>Maker:</b>	MAN B&W		
<b>Type:</b>	F.O. Return pipe for #5cyl		
<b>Serial Number:</b>			
<b><u>NATURE OF DEFECT:</u></b>			
Cracked piping F.O. return pipe. Fitting between two pipe sections getting loose due to vibration			
<b><u>ROOT CAUSE / REASON OF DEFECT:</u></b>			
Sheared off 8 mm bolt for pipe support bracket / Couple of M/E over speed trips. Prop coming out of water, cavitation.			
<b><u>POSSIBLE CONSEQUENCES:</u></b>			
F.O. Spill in the Engine room spaces / M/E disabled for short period of time if needed to cut off the affected unit.			
<b><u>CORRECTIVE ACTION(S) CARRIED OUT:</u></b>			
Cracked pipe welded and sleeved for temporary repair. Reinforced all 4 brackets holding points with extra brass shim stock. Done to avoid pipe movement and to fix solid pipe to prevent further failures. Reduced vessel output to max 80 rpms to minimize M/E Rpms variations and extra vibrations due to environment (weather, rolling, following seas etc.) To repair in San Pedro by replacing complete pipe with new from MAN stock spare. Shoreside vendor to bring needed fittings and bend the pipe to original template.			
<b>CONDITION OF REDUNDANT EQUIPMENT (if applicable):</b>		<b>Comments :</b>	
<input checked="" type="checkbox"/> <b>GOOD</b>		None.	
<input type="checkbox"/> <b>FAIR</b>			

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<input type="checkbox"/> POOR			
<b>SPARE PARTS REQUIRED:</b>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<i>If YES, please indicate:</i> 17.3 mm Ferrule and Nut x 4 each	
<b>REQUISITION REFERENCE (if applicable):</b> PO4137721			
<b>ESTIMATED REPAIR COMPLETION DATE:</b> At the dock Spq sometime after 22 Feb 2021			
To be filled by Superintendent (in accordance with IMS card No Fleet-052)	<b>CLASS TO BE INFORMED</b> <i>If Yes, DPA to be copied</i>	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
	<b>FLAG TO BE INFORMED</b> <i>If Yes, DPA to be copied</i>	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No

**ADDITIONAL REMARKS, DRAWINGS AND PICTURES:**



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Name and Signature :  
T. Povalec  
Chief Engineer

Name and Signature :  
Master