		RV/IC			1/1
Subject Corrosion of Intake Valve			No. : 12-2-G-01-001-0		
Engine Model	6EY18(A)L(W)	Use	e e e e e e e e e e e e e e e e e e e	Marine A	.ux.
		Engine	Nos.		
In a 6EY18 required the re	(A)L(W) marine auxiliary engine, the intake eplacement of the cylinder head, turbocharger	e valve corre ; piston and	oded, was dam cylinder liner.	aged and drop	ped off, which
Upon inspectimpossible to a low tempside operated under with sulfur co corroded.	ction, the low temp. side CW inlet temperate raise temperature even after adjusting the hu e CW intercooler inlet temp. and the boost r excessively cooled state. As a result, condent antained in exhaust gas and sulfuric acid w	ture was fou ull-side temp temperature ensed water as produced	nd to be low a p. regulating va p. (35~40°C), was produced i p. which caused	t about 22° C , w lve. This lowere and caused the n the boost air, the intake val	vhich made it ed the engine's engine to be which reacted ve head to be
In order to improvement	prevent the similar trouble as above, we we f problem was found:	ould like you	to check the f	following points	and to make
<items be<br="" to="">1. Check if o or 38°C) →If tempores shipyard.</items>	Checked> r not the temp. setting of the hull-side temp. erature won't be raised even after adjusting or	regulating v	valve is as per t temperature se	he completion o tting, ask impro	lrawing, (36°C
 Check if or regulating →When the order of t	or not the engine's low temp-side CW intervolves setting: approx. $-2 \sim 0^{\circ}$ C) emp. drop was excessive, check if or not the pine by-pass value is installed at the engine side	cooler inlet t ping was coo e, adjust the	emperature is led. valve.	appropriate. (H	ull-side temp.
3 .Check if or $→$ Replace	not the intake valve head has been corroded v e the valve if corrosion, cracks, etc. was found	vhile servicir	ng the cylinder h	nead, (see photo	s below).
	Enlarged			35 <u>3</u> 44	
			Corroded Ir	ntake Valve	
			Approved	Checked	Prepared
YANMAR CO., LTD. LARGE POWER PRODUCTS OPERATIONS DIV. QUALITY ASSURANCE DEPT.			Mhotswaye	4. Ta.	9. Familia