SKIPPER

Service data bulletin

Instrument: GDS101

Date: 23.09.2006
Created by: Geir Theodorsen

SUBJECT: Upgrade of ASC286, ASC386SX and UGH386SX types CPU boards to PCA-6135

WHAT TO DO: VALID FOR SERIAL NO'S 99950 AND BELOW.

PARTS NECESSARY FOR UPGRADE TO COMBINED CPU / VGA BOARD TYPE PCA-6135.

1	PC-G001	PCB CPU GDS101 Mono
1	ZZK-01023	CABLE FOR LCD SCREEN LM 64P83
1		INTEGRATED CIRCUIT IC 100 VER. E93F.
1		INTEGRATED CIRCUIT IC 104 VER. 4.15.6
1	ZZK-01015	CABLE "E" FOR GDS 101 (CN 8 / CPU TO J 300 / TERM.)
1	ZZK-01016	CABLE "F" FOR GDS 101 (BUSS.)
1	ZAA-01121	COMPUTER MOUNTING PLATE.

COOLING FAN INSTALLATION.
If no cooling fan has been installedin the GDS101 echo sounder we recomend installation of cooling fan at the same time.
A hole in the back of cabinet must be drilled.

Required parts:
1	ZZJ-02019	REAR MOUNTING PLATE FOR GDS 101.
1	ZAA-01119	FAN BLOWER KIT COMPLETE WITH FIXING SCREWS AND TERMINALS.

SCREEN
Screen type LM64P839 and LM64P83L with 16 pin molex cable may be modified to fit into the new CPU board.
The 16 pin molex cable has to be unsoldered from the screen and replaced with ZZK-01023.
Use a hot air blower for unsoldering.

If update of screen cable fails or screen is older type (before 1994) the screen need to be replaced.
Parts required:
1	SA-G001	Front plate Mono int printer
1	KY-G001	9,4" Mono screen