

Entering Repair Actions in CAC Decision Point

Updated 29 September 2026. Supersedes "Entering Repair Actions Online" of 17 August 2020.

Every inspection and repair your engineers record against a machine goes into its history. The analyst reads that history beside the vibration trend on the next survey, so a repair logged today makes the next report sharper. Repairs are entered directly on the vessel's home page in CAC Decision Point.

How to enter a repair action

- 1 Go to **www.pmcmm.net**, or click **Client Login** at the top of **www.cacvibe.com**, and log in with the username and password issued for your vessel.
- 2 The machine list opens, with the most recent status for each machine. It sorts by rating by default; click any column heading to sort by CAC ID, Client ID, machine description, rating or survey date.
- 3 Find the machine and click **Repair Actions** in the **Add Repair(s)** column. Repairs can be added against the current survey or an earlier one.
- 4 Enter the date of the repair and a full account of what was inspected, found and done. Attach photographs (a worn bearing, a scored shaft) or the repair report where you have them. To attach more than one file, add one repair record per file.
- 5 Save the record. It is sent to CAC and shows in the machine's repair history, and the **Repair Status** column on the machine list tracks it.

Report failures as well as repairs. The nature of a failure, and the repair report where there is one, lets our analysts compare against sister machines and sister vessels and helps stop the same failure happening again.

The screenshot shows the 'CAC Decision Point ® v6' web application. At the top, there's a navigation bar with 'Ship List', 'Logout', 'Vibration Reports', 'Thermographic Reports', 'Class Certificates', and 'Print'. Below this is a 'Vibration' toggle button and the title 'EXAMPLE SHIP : Machine List'. A note states: 'Most recent status for each machine as of [DATE]'. The main table has the following columns: CAC ID, CLIENT ID, Machine Description, Summary, Rating, Trend, Consecutive Ratings, Survey Date, Vibration Data, Add Repair(s), and Repair Status. The table contains four rows of machine data. Below the table, six callout boxes provide instructions: 1. 'View additional information (picture, analysis, rating trend) by clicking on any machine row' points to the machine description. 2. 'Toggle between vibration and thermography pages' points to the 'Vibration' button. 3. 'Sort list by clicking any of the column headings (default sorting is by Rating)' points to the 'Rating' column header. 4. 'View number of surveys in a row that a machine has had the same Rating' points to the 'Consecutive Ratings' column. 5. 'View raw vibration data. Click the PDF icon to generate a machine report with data' points to the 'Vibration Data' column. 6. 'Add repair actions for current or previous vibration/thermos surveys' points to the 'Add Repair(s)' column.

CAC ID	CLIENT ID	Machine Description	Summary	Rating	Trend	Consecutive Ratings	Survey Date	Vibration Data	Add Repair(s)	Repair Status
###	#####	#2 ENGINE ROOM SUPPLY FAN	Fan imbalance / turbulence.	Unsatisfactory	⬆️	1	YYYY-MM-DD	Report Data	Repair Actions	Open
###	#####	#1 FIRE PUMP	Misalignment / looseness.	Marginal	⬆️	1	YYYY-MM-DD	Report Data	Repair Actions	Open
###	#####	#1 MAIN C.S.W. PUMP	Imbalance / flexibility / wear.	Marginal	➡️	4	YYYY-MM-DD	Report Data	Repair Actions	Open
###	#####	MAIN DIESEL ENGINE		Satisfactory	⬆️	18	YYYY-MM-DD	Report Data	Repair Actions	

The machine list in CAC Decision Point, with the Add Repair(s) and Repair Status columns (example vessel).

If the portal does not work for you

Tell us, and send the repair details and any photographs to engineering@cacvibe.com with the vessel name and the machine. We will enter them on the record.