Ship:                 Date:

* **In the event of failure of the halogen analyzer-chart recorder**, a manual test of free residual halogen at a distant representative point where there is significant flow, shall be recorded every 4 hours to verify:
  + free residual halogen of 0.2ppm to 5.0ppm for at least 16 hours in each 24 hour period
  + Ph of 7.2 to 7.8
* Repairs on malfunctioning halogen analyser-chart recorders shall be completed within 10 days of equipment failure
* This log can also be used if in some cases manual test versus Chart reading is checked/compared if/when calibration is not recorded directly on the chart

| Date | Time  (max for 10 hrs when chart recorded out of use) | | Distant point location | Halogen (Cl or Br)  (0.2 to 5 ppm) | | PH  (7.2 to 7.8) | Remarks | Responsible person, signed: |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Test | Chart |
|  | 1 |  |  |  |  |  |  |  |
|  | 2 |  |  |  |  |  |  |  |
|  | 3 |  |  |  |  |  |  |  |
|  | 4 |  |  |  |  |  |  |  |
|  | 5 |  |  |  |  |  |  |  |
|  | 6 |  |  |  |  |  |  |  |
|  | 7 |  |  |  |  |  |  |  |
|  | 8 |  |  |  |  |  |  |  |
|  | 9 |  |  |  |  |  |  |  |
|  | 10 |  |  |  |  |  |  |  |
|  |  | |  |  |  |  |  |  |
|  |  | |  |  |  |  |  |  |

Staff Captain:

*Maintain this log onboard for at least 12 months*