



MARINE DEPARTMENT

**BALLAST DRAFT REQUIREMENT FOR INNER HARBOUR**

1. Propeller should be fully submerged.
2. Trim not greater than 2.5 m by stern.
3. Minimum draft forward should be as given below.

| Loa in Mtrs       | Draft forward in Meters                              |
|-------------------|--|
| 150               | 2.5  |
| 160               | 3.0  |
| 170               | 3.5  |
| 180               | 4.0  |
| 190               | 4.5  |
| 200               | 5.0  |
| 210               | 5.15   |
| 225-239           | 5.5  |
| 240 and above     | 6.5  |
| Baby cape vessels | More than 7.0 Meters and with heavy weather ballast. |

**BALLAST DRAFT REQUIREMENT FOR OUTER HARBOUR**

1. Propeller should be fully submerged
2. Trim not greater than 3.0 m by stern
3. Minimum draft forward should be as given below.

| Loa in Mtrs | Draft forward in Meters |
|-------------|-------------------------|
| 220         | 4.5                     |
| 230         | 5.0                     |
| 240         | 5.5                     |
| 260         | 6.5                     |
| 270         | 7.0                     |
| >280        | 7.5                     |