

In every TC voyage, along with the charter hire, another contributing factor that adds to the voyage expense for the charterer is the cost of bunkers

On an average, at the present market rate of bunkers, a Handymax vessel consumes about USD 20,000 of bunkers daily at sea, a Panamax about USD 25,000 daily and a Capesize about USD 40,000 daily at sea.

With such high costs involved, it becomes imperative for the Charterers at the time of redelivery to know the exact amount of bunkers on board and, in turn, understand the bunkers consumed on the voyage.

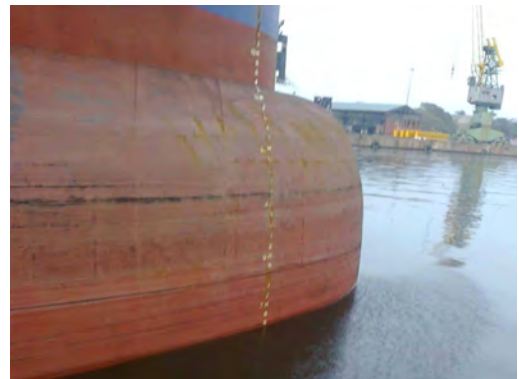
The survey, called **221B**, commenced initially in Europe and the USA, and is now gradually picking up in Asia

### Overview

- ❖ To prevent bunker misappropriation
- ❖ A professional technical team performs the survey
- ❖ The survey is carried out without prejudice and with the correct procedures
- ❖ Vessel's certified documents are used in the calculations
- ❖ Surveyor carries his own equipments

### Advantage Zebec

- ❖ Zebec has its own in-house Master Mariners and Chief Engineers to carry out the survey.
- ❖ Our surveyors are well versed with the procedures of the survey and, being ex-seafarers themselves, are well aware of the various types of techniques the vessel may implement to avoid reporting the excess bunkers on board.
- ❖ Every tank is checked and the parameters obtained from our investigation are checked with the documentation on board
- ❖ In comparison to a normal 3rd-party surveyor, our surveyors have yielded results that have been productive to the Charterers and have been hugely effective in reducing bunker stems.
- ❖ Our surveys have yielded results of excess bunkers ranging from 05 – 50MT of IFO.



Contact us or Email us for your queries;

**At Mumbai : Tel no: +91-22-22644528**

**Email: [zebec@zebecmarine.com](mailto:zebec@zebecmarine.com)**