

DRAFT SURVEY.

Draught Survey or Draft Surveys have been the basis on which shipping documents have been based for over a century. They have been accepted to be reasonably accurate and convenient means of establishing the weights of the cargo shipped on board vessel in bulk form. However to obtain a certain reasonable degree of accuracy in the Draught Survey it is important that careful attention be paid to the details during the draught survey. Any unusual circumstances that may arise are handled in a proper and diligent manner, which of course can only be handled with due experience and training.

In order to deal with the same in an effective manner, our short yet detailed course deals with the routine and also the most critical aspects of “DRAFT SURVEY TECHNIQUES AND PROCEDURES”.

It aims at parting knowledge to the Surveyor and also providing a standard procedure for a Surveyor carrying out Draught Surveys with little or no marine experience.

Course Contents:

Introduction to Draft Surveys: Draught Survey is a method to determine weights loaded or discharged from a vessel basis the change in the initial and final displacements of the vessel. The accuracy of the results of the Draught survey would be based on the understanding of the subject and the experience of the Surveyor.

Principles of Draft Surveys: The Draught Survey is based on the laws of Buoyancy. Density of the water and Archimedes Principle.

Precautions to be taken: Surveyors would experience that at most times while conducting a Draught Survey, they are under immense pressure from the vessel as well as the shore Terminal to hasten the Survey in order to enable the loading / discharging operations. And this leads to ignoring or missing out on certain aspects of the Draft Survey.

Procedure of Draft Surveys: Reading Drafts, Draft Corrections, Trim Corrections, Displacement, Deductibles etc.

Calculations: Now that the Surveyor has all the parameters required, he can proceed with the actual calculations. Correction to Displacement for Trim, Correction to Displacement for Density, Nett Displacement, Calculating Constant, Determining Cargo Quantity.

Reports: Format prescribed by the UN ECE.