

PERCEPTION[®] ESTI-MATE

CER Listings

A Training Tutorial

This training tutorial provides instructions for generating hard copy listings of the contents of CER libraries.

It is a supplement to the user manual entitled “*PERCEPTION Cost Estimating for New Construction & Ship Repair*,” which provides more details for the user.

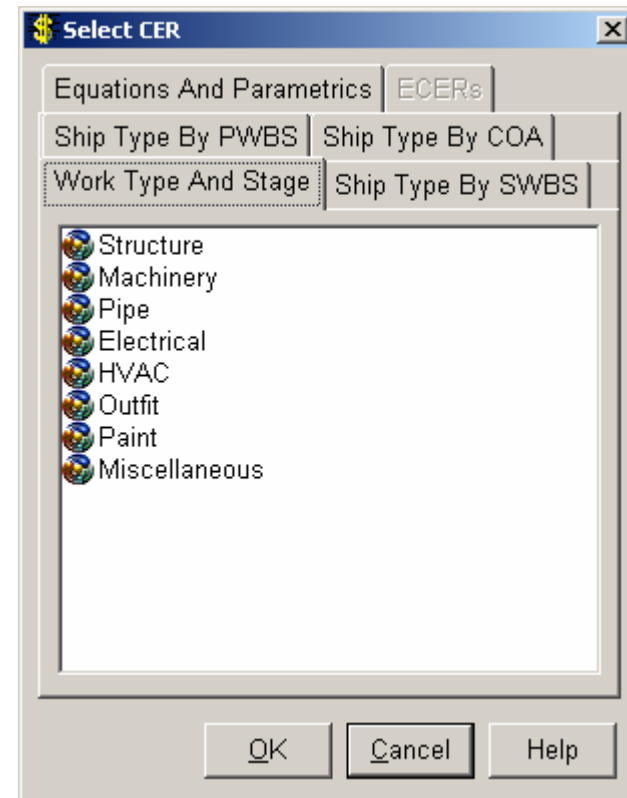
Before using this tutorial, the user should first view the preliminary training tutorial, “Getting Started With *PERCEPTION*.”

PERCEPTION cost estimating is designed specifically for shipyards and naval engineering agencies.

It provides features that support cost estimating at any given level of detail required, from rough order of magnitude (ROM) to detail estimates.

The system allows users to store estimating cost data (CERs) in various library tables.

Each table is designed to help segregate this data into basic cost categories and provide a convenient means for the user to locate the data required to build any area of a cost estimate.



The contents of these tables, however, can become quite large.

Some thought should be given as to how best to catalog CERs within any given library table so that the desired CER can be quickly and easily identified from all the others.

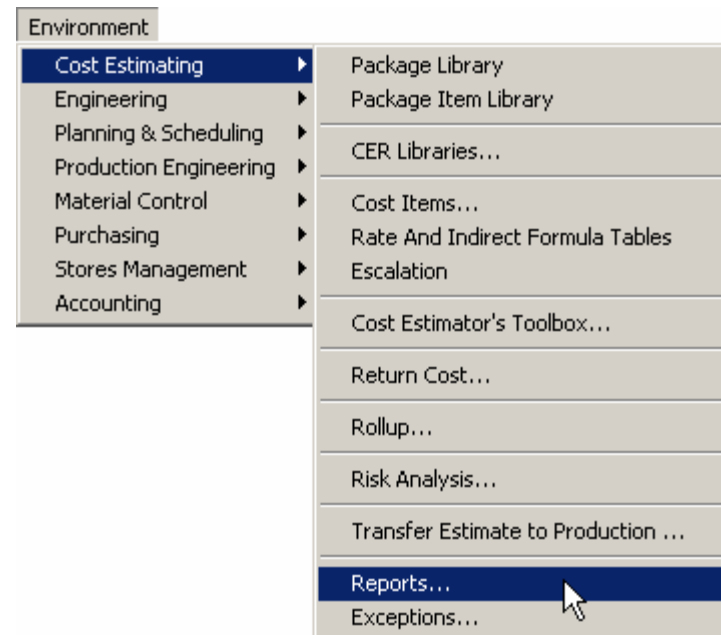
The CER IDs should be assigned to provide some logical identification. Since CERs are stored in alphabetical order of CER ID, locating the desired CER by this means is relatively straight forward.

Miscellaneous CER Information for the Estimating Environment				
	CER ID	Description	UoM	Standard Labor CER
1	AD-CL-1500	Admin, Clerical - 1500 Ton Displ Ship	SHIPSET	4,038.0000
2	AD-CL-3700	Admin, Clerical - 3700 Ton Displ Ship	SHIPSET	10,000.0000
3	AD-CL-Tanker 1.2	Admin, Clerical - 1.2 M Barrel Tanker	SHIPSET	10,000.0000
4	AD-PL-1500	Admini, Planning - 1500 Ton Displ Ship	SHIPSET	4,038.0000
5	AD-PL-3700	Admin, Planning - 3700 Ton Displ Ship	SHIPSET	7,574.0000
6	AD-PL-Tanker 1.2	Admin, Planning - 1.2 M Barrel Tanker	SHIPSET	10,000.0000
7	AD-SP-1500	Admin, Supervision - 1500 Ton Displ Ship	SHIPSET	4,038.0000
8	AD-SP-3700	Admin, Supervision -3700 Ton Displ Ship	SHIPSET	7,574.0000
9	AD-SP-Tanker 1.2	Admin, Supervision - 1.2 M Barrel Tanker	SHIPSET	10,000.0000
10	DE-ML-1500	Steel Model & Lofting - 1500 Ton Displ Ship	SHIPSET	8,075.0000
11	DE-ML-3700	Steel Model & Lofting - 3700 Ton Displ Ship	SHIPSET	15,148.0000
12	DE-ML-Tanker 1.2	Steel Model & Lofting - 1.2 M Barrel Tanker	SHIPSET	18,000.0000
13	DE-NA-1500	Naval Architecture - 1500 Ton Displ Ship	SHIPSET	2,019.0000

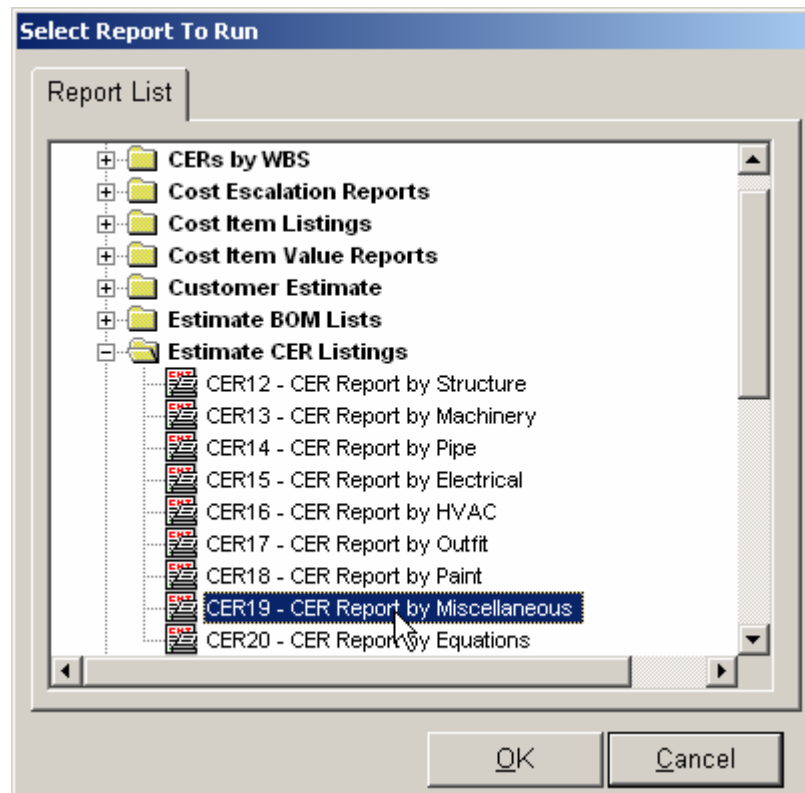
When the CER libraries get very large, it is often convenient to print out hard copy booklets of the CERs for user reference purposes.

The CER listings can be generated in almost any order that best helps users locate the cost information they need to use.

To generate a CER listing, click on *Environment/Cost Estimating/Reports* from the main menu.



Select the desired CER report from the list of reports that are available.



To modify the order of the CERs, click on *Data/Sort* from the main menu while the report is still being displayed.



The system will display the various CER report headings that the user may select for sorting.

Select the columns to be sorted (for example, the CER Description and Unit of Measure) and drag them to the right side of the selection window.

The sort order may be either ascending or descending.

Then, click the *OK* button.

