

On-screen totalling

REFMAN shows you constantly updated totals on the screen so you can easily see the current position relative to the budget.

Automatic status report

REFMAN automatically generates a one page Repair Status Sheet showing a complete summary of all of the docking costs week by week or even day by day if required.

Automatic yard comparison

REFMAN automatically generates a yard bid comparison report, in your own base currency which can automatically highlight the 'most expensive', 'least expensive', etc.

Section	Section Name	TOTAL YARD	TOTAL OWNERS	TOTAL Y+O	Repair	Capex	Insurance	Guarantee	Account Code	Yard	Jobs	Costs/Unit
A	Drydocking & Wharfage	133,500.00	1,500.00	147,000.00	132,307.20				14,700.80	DDM 230	✓	Box
B	Offline Charges & Service During Annual Refit	161,730.00	1,000.00	175,730.00	161,971.10				13,764.90	S CHARGE	✓	Box
C	External Scaling & Painting	295,043.00	11,490.00	409,503.00	409,503.00					DDM 150	✓	Box
D	Structural Steelwork Alloy & Open Deck Covering	2,051,937.00	21,000.00	2,973,537.00	1,927,770.00	125,767.00	20,000.00			DDM 100	✓	Box
E	Livesaving & Fire Fighting Equipment	552,150.00	116,436.00	710,646.00	710,646.00					DDM 120	✓	Box
F	Deck Equipment & Fittings	2,102,073.00		2,102,073.00	2,102,073.00					DDM 100	✓	Box
G	Internal Repairs	2,112,627.00	94,710.00	2,207,335.00	2,091,063.00					DDM 160	✓	Box
H	Internal Painting	538,618.00	2,100.00	540,718.00	540,718.00					DDM 150	✓	Box
I	Plumbing	427,977.00	7,891.00	435,868.00	435,868.00					DDM 170	✓	Docc
J	Tank Cleaning	468,014.00	174,109.00	642,123.00	632,123.00		10,000.00			DDM 210	✓	Docc
K	Man Engine & Associated Equipment	194,909.00	14,030.00	208,939.00	208,939.00					DDM 200	✓	Docc
L	Boilers & Associated Equipment	317,703.00	249,088.00	566,791.00	566,791.00					DDM 230	✓	Box
M	Propellers, Shafting & Underwater Gear	345,836.00	785,958.00	1,131,594.00	1,131,594.00					DDM 210	✓	Box
N	Alternators, Generators & Associated Equipment									DDM 200	✓	Box
Specification Total		9,071,305.00	2,916,358.00	11,989,661.00	10,481,218.30	1,448,977.00	29,000.00	30,465.70				
Total Discount		453,565.24		453,565.24	419,951.82	32,036.27	241.61	1,335.54				
Spec Net of Discount		8,617		8,617								
Budget Remaining		11,550		11,550								

YARD: Yare Inlet Shipbuilders Limited
USD @ 1.00 U.S. Dollars = 2,600.00 Canadian Dollars

FORECAST	AC	TR	EB	CB
Week 1	Week 2	Week 3		
13-11	20-11	27-11		
30-SEP-2017	07-OCT-2017	14-OCT-2017		
Original - Bid	609,280.00	609,280.00	609,280.00	2
Original - Exclusions	14,400.00	14,400.00	14,400.00	
Original - No bid	7,000.00	7,000.00	7,000.00	
Original - Adjustment				
Original - Cancelled		(28,000.00)	(84,000.00)	
Original - Total	630,680.00	602,680.00	546,680.00	2
Supplementary - Bid	25,200.00	25,200.00	25,200.00	
Supplementary - Exclusions				
Supplementary - No bid				
Supplementary - Adjustment				
Supplementary - Cancelled				
Supplementary - Total	25,200.00	25,200.00	25,200.00	
Extras	6,230.00	6,230.00	135,230.00	
Gross Shipyard Cost	662,110.00	634,110.00	707,110.00	282,400.00

Palace of the Seas - 2017 DOCKING

Job	Job Name	Estimate	BIDS			EST USED
			(GBP-USD)	(EUR-USD)	(SGD-USD)	
			(0.85000)	(0.52000)	(1.00000)	
			ASP Tees	Lloyd Aier	Sembawang	
SECTION : A DRYDOCKING & WHARFAGE						
A.1	Plottage And Tugs	10,000.00	3,076.92			15,304.35
A.2	Exclusion/Contingency					236,000.00
A.2	Drydocking The Vessel	160,000.00	307,693.31			380,434.73
A	DRYDOCKING & WHARF	190,000.00	310,769.23			300,000.00
SECTION : B OFF HIRE CHARGES & SERVICE DURING ANNUAL REFIT						
B.1	Operations Room	2,000.00	6,153.85	5,434.78		6,000.00
B.2	Store Steam Supply	15,000.00	65,230.77	27,173.91		9,300.00
B.3	Domestic Fresh Water Supply		23,384.62			4,200.00
B	OFF HIRE CHARGES ETC	17,000.00	98,769.24	32,608.69		20,100.00
SECTION : C EXTERNAL SCALING & PAINTING						
C.1	Underwater Area Preparation and Painting	68,000.00	138,461.54	108,895.65		68,000.00
C.2	Boothp Area Preparation and Painting	15,000.00	15,384.62	32,808.70		25,000.00
C.3	Exclusion/Contingency		6,153.85			9,300.00
C.3	Ladelines & Draught Marks	5,000.00	21,538.46	21,738.13		9,600.00
C	EXT. SCALING & PAINT	88,000.00	181,538.46	163,043.48		102,600.00
SECTION : D STRUCTURAL STEELWORK ALLOY & OPEN DECK COVERING						

Pre-defined reports which are error and tamper free

Overview

REFMAN' Cost Control module has been designed to allow technical people who are NOT accountants to quickly and easily forecast the cost of a refit or drydocking, to obtain and compare competing tenders, to monitor costs during the repair period itself and to reconcile and negotiate the final bill on completion.

In a REFMAN analysis there are no complicated 'accruals', no 'reversals' and no 'balances B/F'. Instead, REFMAN simply uses the 'best' cost information which is available at any particular time. If a job is complete, the 'actual cost' is used, if a job is in progress, the 'bid' is used, and if a job has been included as an 'extra' and the only information which is available is an estimate, then that is what will be used.

By combining these together, at all times before, during and after the repair period, the Superintendent or Port

Engineer gets the clearest possible indication of 'how much has to be saved' to meet the budget or 'how much is available to spend'.

REFMAN's Specification Generator and Cost Control modules are fully integrated so when you use REFMAN to write a specification, the framework for comparing bids, recoding & reporting costs and project planning is created and updated automatically each time jobs are added, deleted or cancelled in a specification.

REFMAN's Cost Control module avoids the need to manipulate large cumbersome spreadsheets with complex formulas and the problems which go with them.

REFMAN's Cost Control module is easy to use and takes care of all the 'accounting and reporting tasks' leaving you free to concentrate on what the numbers mean.

REFMAN – Cost Control

Provides the Superintendent or Port Engineer with facilities for obtaining shipyard tenders electronically and for comparing prices on a job by job basis, in a mix of currencies.

It also provides facilities for recording estimates of the cost of yard work (optional) and sub-contract labour, owner's supply materials and general expense elements of the jobs which have been included in a specification.

Once a yard has been selected and the repair period is underway, REFMAN is used by the Superintendent in the yard (normally on a laptop/notebook computer) to monitor the cost of jobs which arise as 'extras' as well as the cost of variations in the scope of the originally contracted work.

Finally, when it is time to settle the shipyard's invoice, REFMAN provides facilities to record the actual cost of each job and produce reports in 'bid' currency for agreeing or negotiating the final cost.

Features

- Complete management of costs with the ability to record estimated costs for yard & owner's items, yard bid (including contingency for exclusions) and actual yard and owners costs for each job.
- Full control over allocation of account codes to each job and the amount (or proportion) of the cost of each job to allocate against each budget.
- Automatic allocation of costs against budgets for repair, capital (investment) expenditure, insurance (casualty or damage claims) and guarantee work.
- Yard bid comparison which takes account of the cost of yard items, owners items, negotiated discounts, number of repair days and number of deviation days

Support for four levels of shipyard percentage/lumpsum discounts.

- Ability to send Specifications to the shipyard and for them to submit tenders electronically so avoiding the need to enter prices manually.

- Facilities to record 'supplementary' jobs which arise after the original yard tender is accepted but before the drydocking begins

Bid Comparison Screen showing all costs for each shipyard.

- Facilities to record 'extra' jobs into any section or into a separate 'extras' section. Either way, 'extra' jobs are totalled separately from originally contracted work.

Cost of 'original' and 'extra' jobs shown in 'bid' and 'owner's' currency.

- On screen and printed reports to facilitate cost analysis including a one page Repair Status Sheet which shows a complete cost summary/forecast, with the ability to save and recall forecasts.
- Full reporting of the cost of projects, insurance/casualty and guarantee claims.
- Automatic apportioning and allocation of service costs to the cost of projects and claims.
- Full reporting of the cost of owner's supply items with facilities to record up to eight categories for each job and to report by purchase/work order numbers.
- 'Tag' codes to produce cost reports and summaries for jobs of a particular type or category.
- Pre-defined, reports which are easy to produce and free from 'spreadsheet errors' ensure that management always receives accurate information in a consistent format, regardless of which Superintendent is in charge of the docking.

System Requirements: Win11/10/8/7 (64 bit) with 4GB RAM or Win10/8/7 (32 bit) with 2GB RAM and 500 MB Free Hard Disk Space.