

FrontLine Stock Control Module Overview

The FrontLine Stock Control module is the perfect tool for parts management in an Engineering or Facilities Maintenance department. This module can be used as a “stand alone” program or interfaced with the FrontLine Maintenance and/or Purchase Orders modules providing a complete and true costing of maintaining assets. This easy to use and practical piece of software will provide you with information on current stock levels, parts usage/history, supplier information, “where used” (parts listing), max/min stock levels etc, backed up by a comprehensive set of reports. The system is compatible with the “FrontLine on the Move” hand held applications offering Stock Issues, Stock Takes and Stock Deliveries from almost any Hand Held PDA device.

We have put this guide together to assist you with evaluating the software system quickly – rather than having to learn the basic system functionality from a typical system help file. Knowledge of the full system functionality can be gained by attending the one day Stock Control Course.

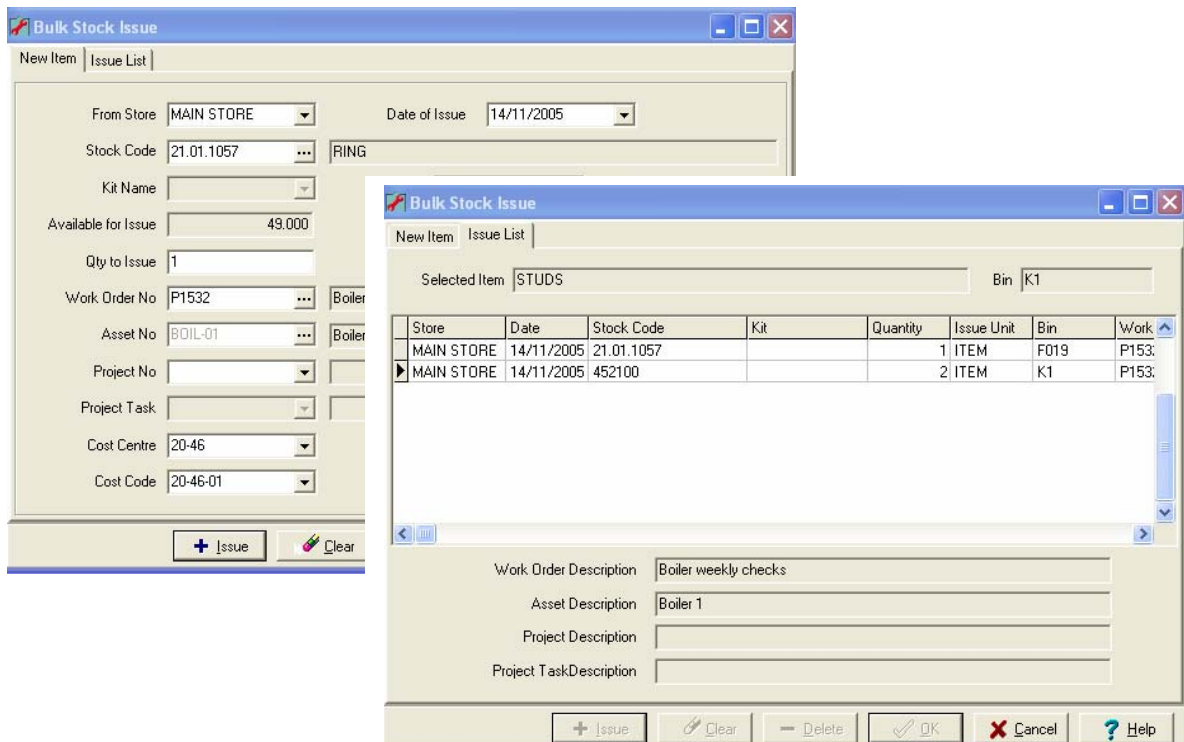
To install this module please refer to the section “Installation and Navigation” and follow the instructions. Please remember that this product can be installed independently or as part of the suite (all modules).



Stock Control Tool Bar Icons



Issue List: Sometimes referred to as “Bulk Issue” – this allows an end user to allot multiple parts to a single, Job (Work Order), Asset, Project or Cost Centre. (See Fig. 1)



Store	Date	Stock Code	Kit	Quantity	Issue Unit	Bin	Work
MAIN STORE	14/11/2005	21.01.1057		1	ITEM	F019	P153:
MAIN STORE	14/11/2005	452100		2	ITEM	K1	P153:



Spares Kits: This allows spares to be grouped together under a single part number and description. This kit of parts can be issued to a Work Order, Asset, Project or Cost Centre. If using the FrontLine Maintenance Module interfaced with the Stock module you will be able to link a kit of parts to a specific task. When the work order is generated a cross-reference to the required kit will appear on the work order along with a breakdown of the parts that make up the kit. (See Fig. 2)

The screenshot shows a software window titled "Spares Kits". At the top, there is a "Spares Kit" section with a "Kit Name" dropdown menu set to "CAM 1", a "Last Modified" date field showing "10/11/2004 00:00:00", and a "Kit Description" text field containing "CAM 1". Below this is a "Contents" section with a table:

Stock Code	Description	In Stock	Bin	Issue Unit	In Kit	Comment
▶ 452215	BEARINGS	1.000	K4	PACK	4.000	
BE 35003/1	CAM FOLLOWERS CUTTING CYL	4.000	R466	ITEM	2.000	

Below the table is an "Add Item" section with fields for "Stock Code", "Issue Unit", "Quantity In Kit", and "Comment". At the bottom of the window is a toolbar with buttons for "More", "Add", "Delete", "Print", "Close", and "Help".

Fig. 2



Parts List: From this section you are able to search and view “parts used” and current “stock levels” for a particular Asset on a Site. The system can be set to automatically build-up the information as stock is issued to an Asset or can be manually added if desired i.e. critical plant information. (See Fig. 3)

The screenshot shows the 'Parts Lists' window with the following details:

- Available Assets:** Site: REDBRIDGE, Asset: FWD ST A, Asset Description: FERAG FORWARD STATION A LINE
- Contents Table:**

Stock Code	Description	In Stock	Bin	Issue Unit	In Asset	Corr
08B/1	CHAIN 1/2" SIMPLEX	27.000	F001	FOOT	25.000	
08B/2	CHAIN 1/2" DUPLEX	20.000	F002	FOOT	6.000	
1.115.225	DUROGLISS WEAR STRIP	1.000	F003	CM	1.000	
110046 NO 12	CHAIN LINK HALF 1/2" SIMPLEX	10.000	B07	FOOT	5.000	
110046 NO 26	CHAIN LINK 1/2" SIMPLEX	10.000	F008	FOOT	5.000	
114038	CHAIN 3/8" DUPLEX	23.000	F009	FOOT	2.000	
114038 NO 26	CHAIN LINK 3/8" DUPLEX	5.000	B07	FOOT	1.000	
114038 NO 30	CHAIN HALF LINK 3/8" DUPLEX	6.000	F011	FOOT	1.000	
114046 NO 12	CHAIN LINK HALF 1/2" DUPLEX	4.000	B07	FOOT	1.000	
- Add Part:** Fields for Stock Code, Issue Unit, Quantity in Asset, and Comment.
- Buttons:** More, Add, Delete, Print, Close, Help.

Fig. 3



Stock Take: From this section you are able to set up and process a stock take. From the initial screen (see Fig. 4) you are able to select what items you want to carry out a stock take of e.g. on or by, Store, Bin, Category, Perishable, Serialised etc. The stock take can be processed on screen, transferred onto paper with the results being manually updated from the report or carried out using a hand held PDA device where data is captured and downloaded into the system, updating the records automatically.

Stock Take

Create StockTake Report | Process Stock Take

Selection Criteria

Store: MAIN STORE | Category: |

From Stock Code: | To: |

From Bin: | To: |

Stock Label: | Value: |

Report Type

- Standard
- Serialised
- Perishable

Options

- COSHH
- Consignment
- COSHH + Consignment
- None

Layout Options

Display Sequence: Bin | Include Current Levels in Report

Preview | Save | Print | Process | Clear | Close | Help

Fig. 4



Suppliers List: The supplier listing keeps a record of those people that provide equipment, spare parts and services to your business. The screen holds full contact details – names, addresses, phone numbers, etc.

All the FrontLine modules share a common Supplier List. (See Fig. 5)

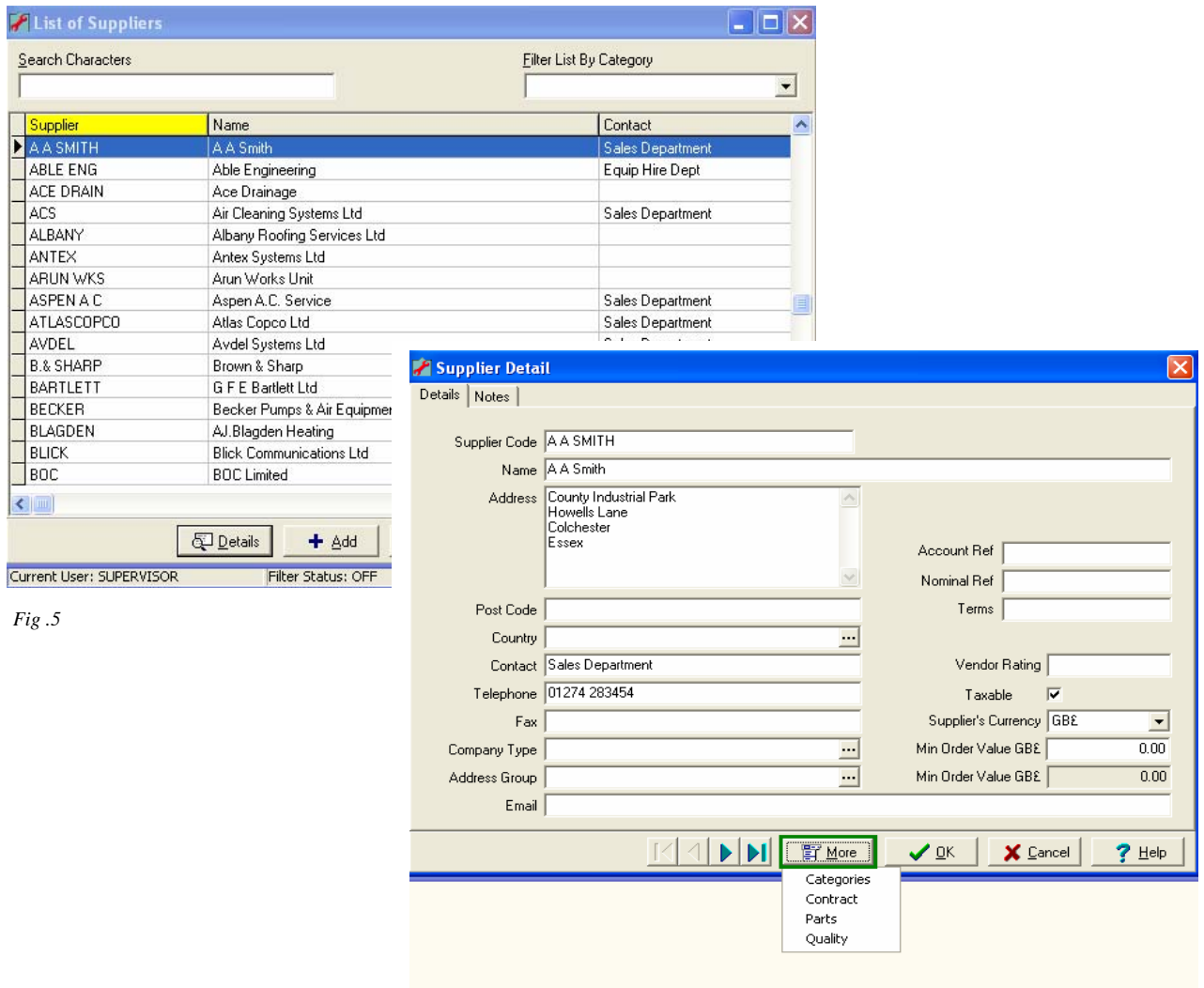


Fig. 5

The **More** button highlighted green (Fig. 5) shows an expanded menu of other areas where information can be stored against that supplier: -

- Categories- Category of parts supplied
- Contract – Contracts for supplying parts along with dates for renewal
- Parts - Itemised list of parts supplied
- Quality – Information about quality accreditations held by this supplier



Group Change Stock Items: This section allows the end user to make changes to the stock record details. For example, these changes could be as a result of stock items being moved within the store and the bin location has to be amended on all the relevant stock records. The following screen (Fig. 6) allows you to select your change criteria.

The screenshot shows a software window titled "Group Change Stock Items". It features two tabs: "Selection / Change Criteria" (selected) and "Items Selected for Change". Under the "Selection / Change Criteria" tab, there is a "Selection Method" section with two radio buttons: "Select By Stock Code" (selected) and "Select By Criteria". Below this are two main sections: "Selection Criteria" and "Change Details".

Selection Criteria:

- Stock Category: [Dropdown]
- Stock Label: [Dropdown]
- Cost Centre Issue: [Dropdown]
- Cost Centre Purchase: [Dropdown]
- Bin: [Dropdown]
- Tax Code: [Text]
- Label Value: [Dropdown]
- No Cost Centre Issue
- No Cost Centre Purchase
- No Bin Location

Change Details:

- Stock Category: [Dropdown]
- Stock Label: [Dropdown]
- Cost Centre Issue: [Dropdown]
- Cost Centre Purchase: [Dropdown]
- Bin: [Dropdown]
- Tax Code: [Text]
- Label Value: [Dropdown]
- Clear Cost Centre Issue
- Clear Cost Centre Purchase
- Clear Bin Location

On the right side of the "Change Details" section, there is a "Stock Label" section with two radio buttons: "Add / Update" (selected) and "Delete".

At the bottom of the window, there are five buttons: "Clear", "Select", "Apply", "Cancel", and "Help".

Fig. 6



Stock Reports: The 34 reports are held in 6 specific groups, within this section. Each report has its own selection and sort criteria screen. In addition to the standard reports, the end user has an option to create their own variations adding things such as barcodes, logos etc. (see Fig. 7)

The screenshot shows the 'Reports' window with a tree view on the left and three preview windows on the right. The tree view is organized into six main groups:

- Stock Lists:** Min/Max Usage, Supplier / Costs, Catalogue (Format 1), Catalogue (Format 2), Catalogue (Format 3), Stock List Barcoded
- Status Reports:** Re-order Report, Stock Levels by Store
- Stock Valuation Reports:** Stock Valuation Detailed, Stock Valuation (Total Only), ABC Analysis by Stock Values, ABC Analysis by Turnover, Stock Take Differences
- Stock Movement Reports:** Stock Movement Detailed, Stock Movements (Totals Only)
- Stock Usage Reports:** Stock Usage by Asset, Stock Usage by Asset (Totals Only), Stock Usage by Category, Stock Usage by Category (Totals Only), Stock Usage by Cost Centre, Stock Usage by Cost Centre (Totals Only), Stock Usage by Cost Code, Stock Usage by Cost Code (Totals Only), Stock Usage by Project, Stock Usage by Project (Totals Only), Stock Usage by Supplier, Stock Usage by Work Order, Stock Usage by Work Order (Totals Only)
- Miscellaneous Lists:** Where Used List, Spares Kit List, Suppliers List, Suppliers List Detailed, Suppliers by Category Detailed

The three preview windows show the following data:

STOCK CATALOGUE

Category	Stock Code	Description	Manufacturer Part No	Current Stock	Issue Unit	Bin Location
AIR	40000 A 074	AIR CYLINDER	ASD 0604	0	ITEM	P131
AIR	4000R	SEAL REPAIR KIT AIR CYLINDER	SS 0670	2	ITEM	P132
AIR	5 422 525	AIR	SS 0206	1	ITEM	F033
AIR	50103R	SEAL KIT FOR INK FORM AIR CYL	ASD 0703	1	ITEM	P127
AIR	5216030002	SEAL KIT FOR SC 1911 AIR CYLINDER	SS 8382	4	ITEM	A041
AIR	RO 10000-136	FELTS	SS 8328	4	ITEM	
AIR	RO 10000-89	FILTER ELEMENTS	YU 8325	4	ITEM	
AIR	RO 60000-126	FELTS	DFGJ 8331	2	ITEM	
AIR	SC 1911	AIR CYLINDER FOR TENSION STRAP	YU 8370	4	ITEM	
AIR	TH 71	MOTOR BVC VACUUM	SDE 0846	0	ITEM	
AIR	TYPE 74	GAUGE TYPE 74 4"BC 3/8" BSP 160 PSI	YU 8433	5	ITEM	P715
AIR CONDIT	70802710	FILTER AIR CONDITIONING PLANT	PL 8667	18	ITEM	M2
BEARING	08871	CHAIN 1/2" SIMPLEX	FGH 8454	27	FOOT	F001
BEARING	08872	CHAIN 1/2" DUPLEX	FRT 8446	20	FOOT	F002
BEARING	110038	CHAIN 3/8" SIMPLEX	SDE 8464	24	FOOT	807
BEARING	110038 NO 26	CHAIN LINK 3/8" SIMPLEX	SS 0490	4	FOOT	807
BEARING	110038 NO 30	CHAIN LINK HALF 3/8" SIMPLEX	YU 8407	5	FOOT	F009
BEARING	110046 NO 12	CHAIN LINK HALF 1/2" SIMPLEX	YU 8400	10	FOOT	807
BEARING	110046 NO 26	CHAIN LINK 1/2" SIMPLEX	SDE 8457	10	FOOT	F009
BEARING	114038	CHAIN 3/8" DUPLEX	PL 8856	23	FOOT	F009
BEARING	114038 NO 26	CHAIN LINK 3/8" DUPLEX	FGH 8859	5	FOOT	807
BEARING	114038 NO 30	CHAIN HALF LINK 3/8" DUPLEX	SDE 8862	6	FOOT	F011
BEARING	114046 NO 12	CHAIN LINK HALF 1/2" DUPLEX	XC 8461	4	FOOT	807
BEARING	114046 NO 26	CHAIN LINK 1/2" DUPLEX	PL 8461	4	FOOT	F013
BEARING	1371838430A	GEARBOX FOR PAVALUX MOTOR	SDE 0592	1	ITEM	P100
BEARING	172703	BEARING CLUTCH INK FOUNTAIN DRIVE	FRT 8715	1	ITEM	801
BEARING	22207 CC	BEARING SELF ALIGNING WITH SEALS	SS 8787	2	ITEM	P107
				3	ITEM	805

STOCK USAGE BY WORK ORDER

Stock Code	Category	Store	Location	Asset No	Cost CDE	Quantity	Issue Unit	Value CDE	Cost Centre	Cost Code
Work Order Description										
Work Order	CO036									
6000 ZC NR BEARING	PAISCEAL									
FR 100 SHAFT	21852093 PAISCEAL	MAIN STORE	FEDERIDGE	STRAP 1A	5.40	-2	ITEM	-10.80	30-45	
FR 714 PULLEY TAPE FEED	21852093 PAISCEAL	MAIN STORE	FEDERIDGE	STRAP 1A	60.00	-1	ITEM	-60.00	30-45	
NOT TO BE USED! ROLLER FOLLOWER	21852093 PAISCEAL	MAIN STORE	FEDERIDGE	STRAP 1A	60.51	-1	ITEM	-60.51	30-45	
	21852093 PAISCEAL	MAIN STORE	FEDERIDGE	STRAP 1A	68.46	-1	ITEM	-68.46	30-45	
Total for Work Order						CO036		-5	-189.76	

Fig 7

System Navigation

So far we have looked at the main functions driven from the toolbar. In this next section we shall cover some of the basic functionality, starting with the “Grid” view and searching (with the Quick Search disabled).

Fig. 8 shows that by clicking on the field headers highlighted in yellow you will change your search criteria i.e. **Stock Code, Bin, Manufacturers Part Number and Description**.

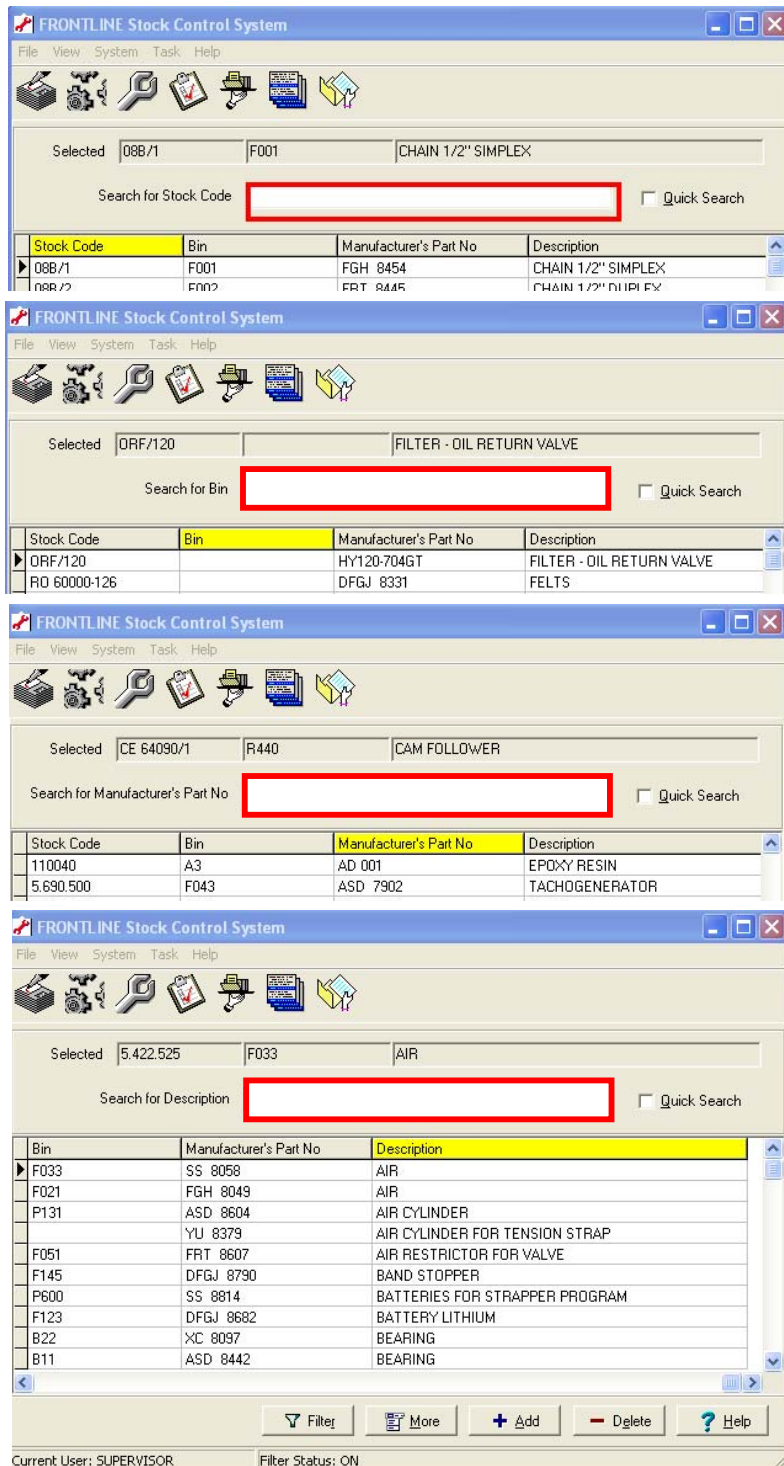


Fig. 8

Shire Systems – FrontLine Stock Control Module

The next level of searching for an item/s involves using a “Filter”. By clicking on the **Filter** button (highlighted in green) the search criteria screen appears where you can search in a number of different ways. (See Fig. 9)

In our example we have typed in the word “Valve” in the **Description Containing** field (highlighted in red) and clicked on the **Apply** button to initiate the search (highlighted in green). The results from our demo data are then displayed in the “Grid” view shown.

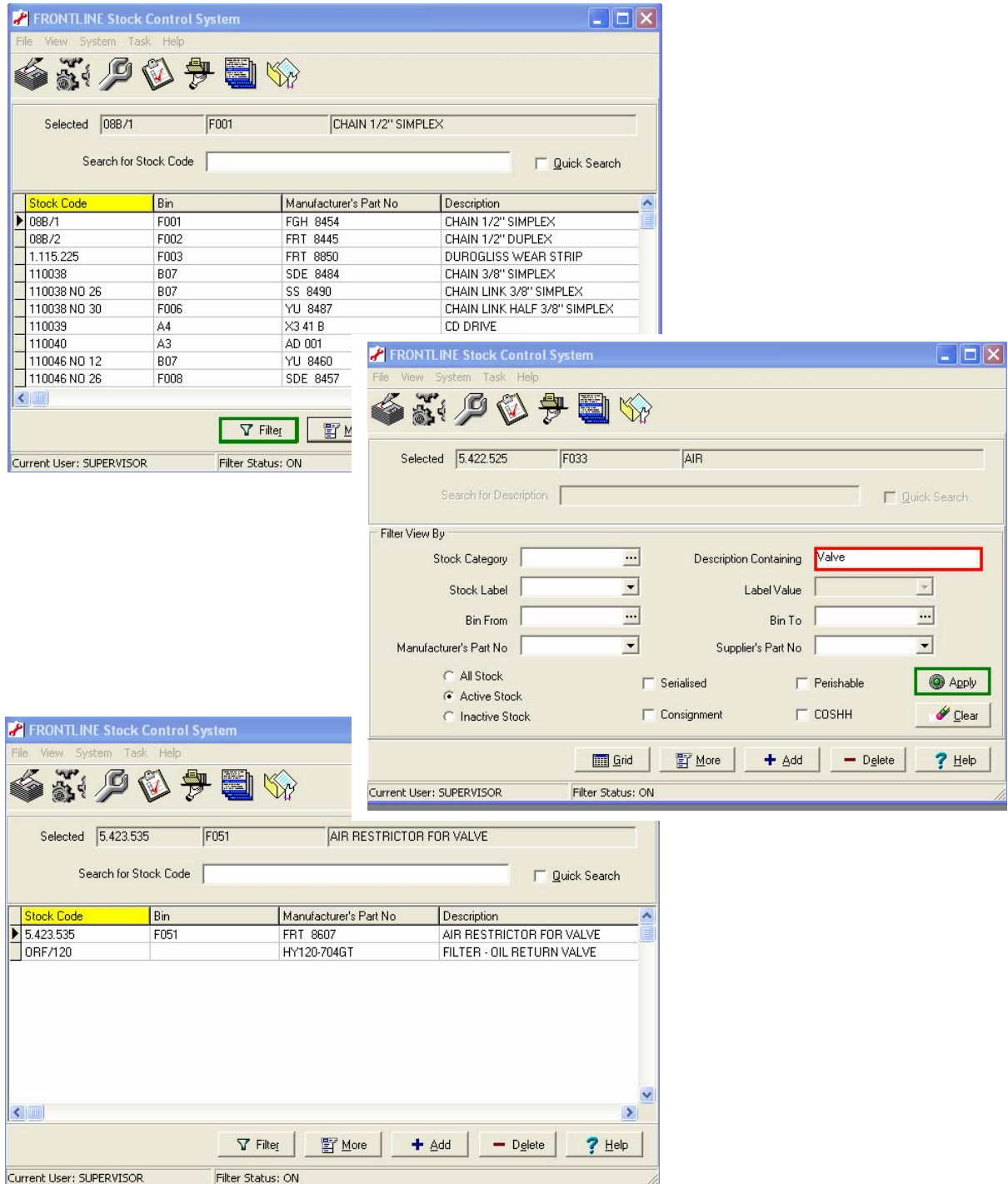


Fig. 9

Shire Systems – FrontLine Stock Control Module

The screens shown (Fig.10) introduce the “More” menu from which you view the various levels of detail held against a stock item or carry out a stock transaction. First select the stock item, go to the menu, click on the “More” button (highlighted green) or “right mouse” click on the selected stock item.

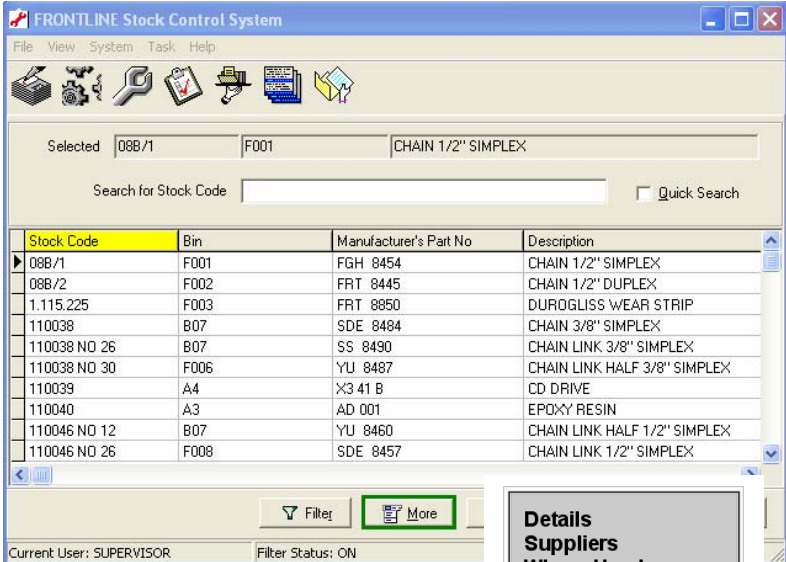


Fig.10

Shire Systems – FrontLine Stock Control Module

By clicking on “**Details**” (highlighted **green**) on the menu the stock item detail screen opens allowing you to look at the stored/recorded information. (See Fig. 11) Additional information can be stored and viewed via the 4 tabs including linking of CAD drawings, digital photos etc. (highlighted in **red**) The example below shows the information under the “**Stock Levels**” tab.

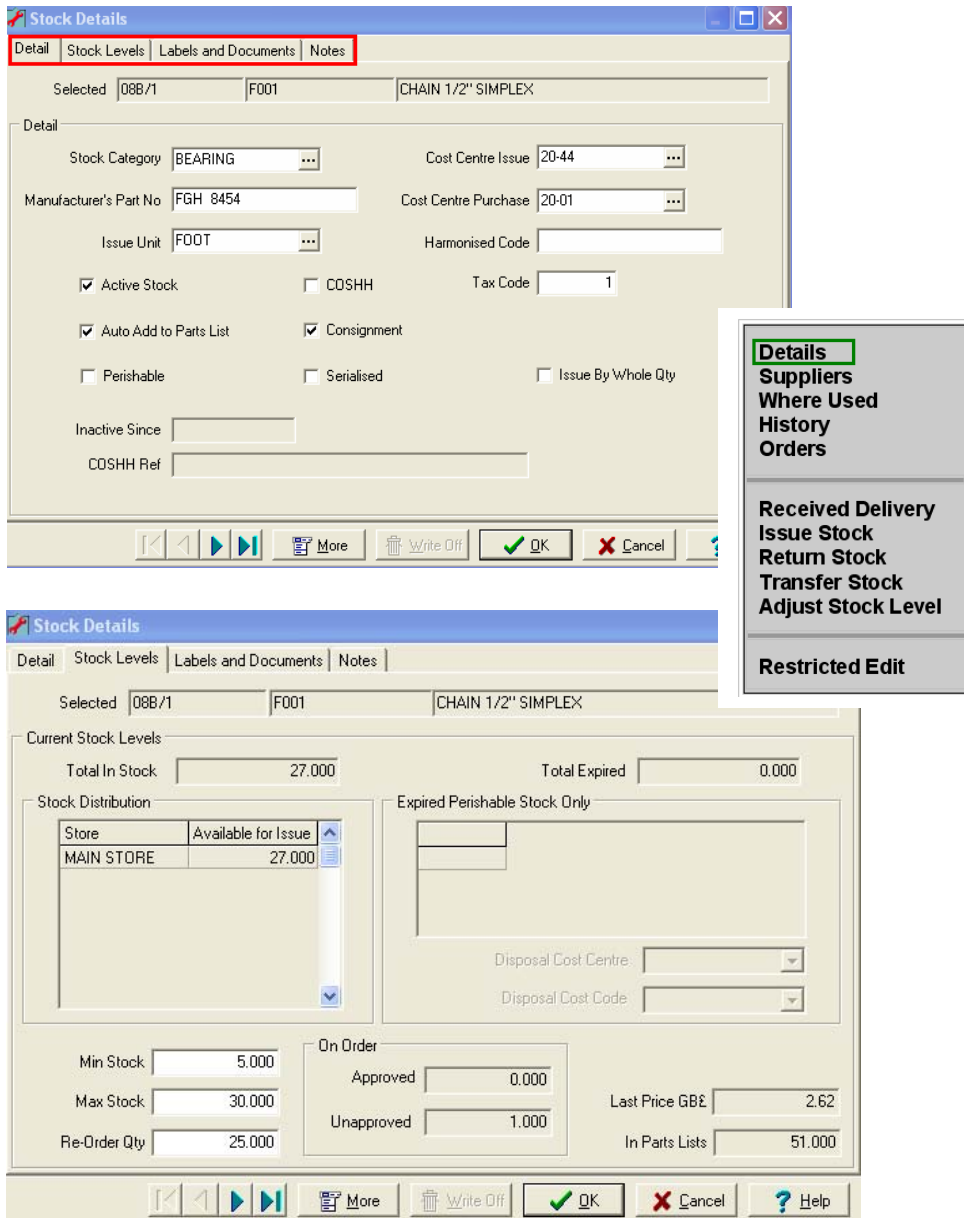


Fig. 11

Shire Systems – FrontLine Stock Control Module

By selecting “**Suppliers**” (highlighted in green) on the menu the following screen is displayed listing information on preferred supplier/s of that item, including cost, lead-time etc. (See Fig. 12)

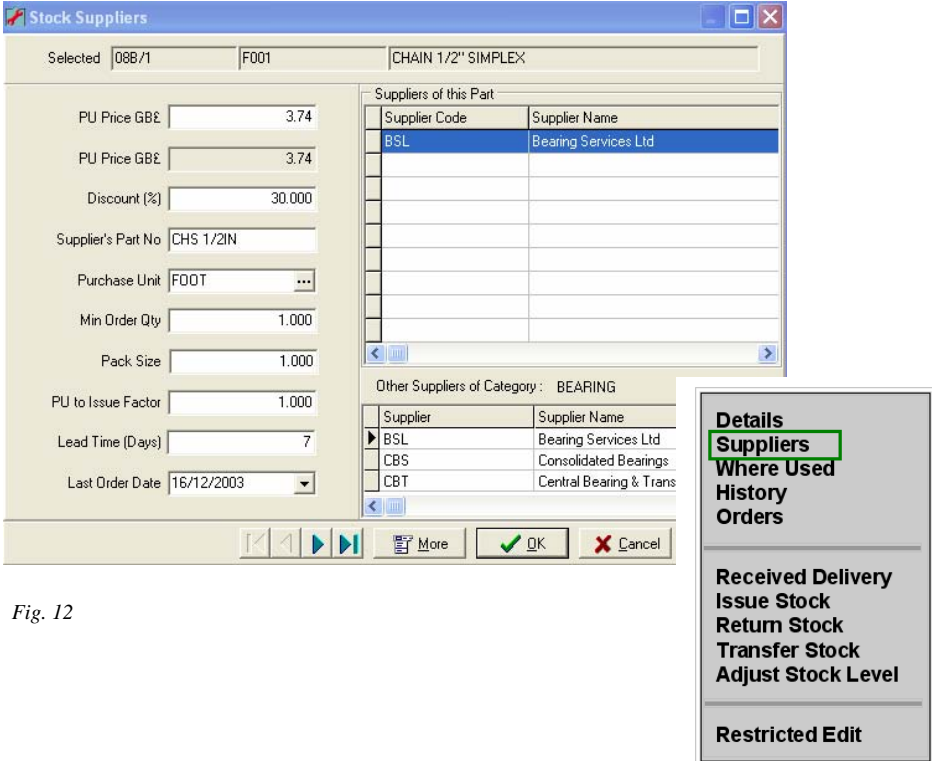


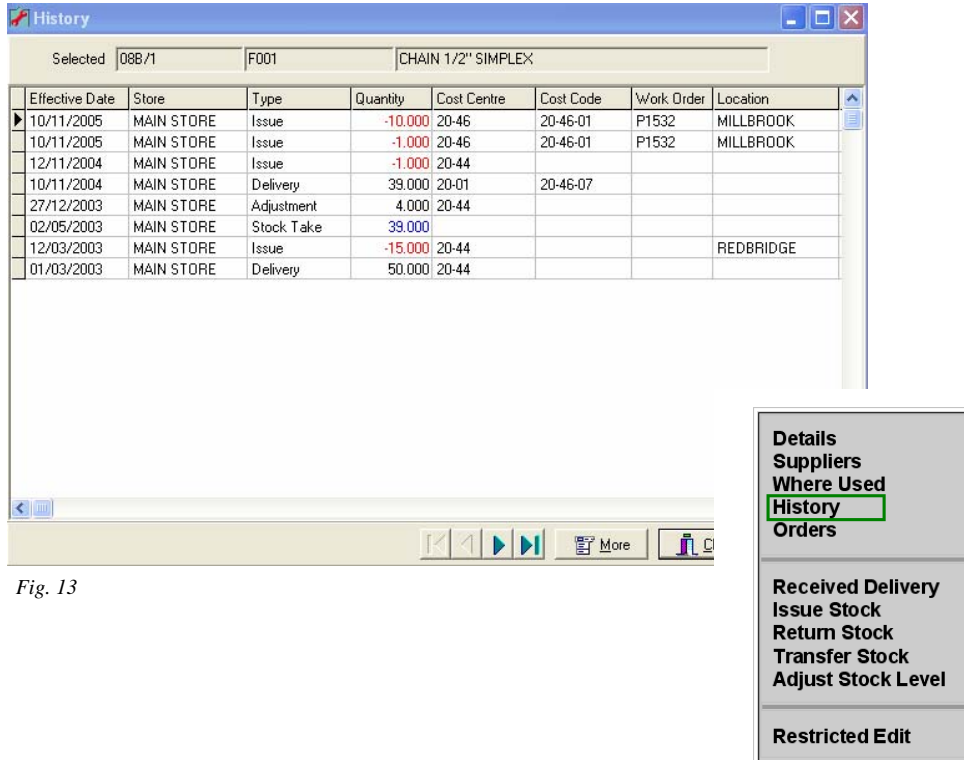
Fig. 12

Shire Systems – FrontLine Stock Control Module

The History relates to all store transaction records for an individual stock item i.e. issues, returns, deliveries, transfers etc.

Select **History** from the More About menu to view the detailed history.

In the Reports section you will be able to preview and print hard copies. (Fig. 13)



The screenshot shows a window titled "History" with a table of transactions. The table has columns for Effective Date, Store, Type, Quantity, Cost Centre, Cost Code, Work Order, and Location. The data is as follows:

Effective Date	Store	Type	Quantity	Cost Centre	Cost Code	Work Order	Location
10/11/2005	MAIN STORE	Issue	-10.000	20-46	20-46-01	P1532	MILLBROOK
10/11/2005	MAIN STORE	Issue	-1.000	20-46	20-46-01	P1532	MILLBROOK
12/11/2004	MAIN STORE	Issue	-1.000	20-44			
10/11/2004	MAIN STORE	Delivery	39.000	20-01	20-46-07		
27/12/2003	MAIN STORE	Adjustment	4.000	20-44			
02/05/2003	MAIN STORE	Stock Take	39.000				
12/03/2003	MAIN STORE	Issue	-15.000	20-44			REDBRIDGE
01/03/2003	MAIN STORE	Delivery	50.000	20-44			

Below the table is a menu with the following options: Details, Suppliers, Where Used, History (highlighted), Orders, Received Delivery, Issue Stock, Return Stock, Transfer Stock, Adjust Stock Level, and Restricted Edit.

Fig. 13

Where Used - provides information on which assets this stock item is fitted, along with quantity used. It will also inform you if the same item is contained within a "Parts Kit"

Orders – When using both the FrontLine Stock Control and the FrontLine Purchase Orders modules, detailed information about outstanding orders will be displayed.

Shire Systems – FrontLine Stock Control Module

The second half of the More menu relates to the stock transactions – Issues, Delivery, Returns etc. We have only shown one example (Stock Issue) as the screens and processes are similar for each transaction.

Select **Stock Issue** from the More About menu. (See Fig. 14)

The screenshot shows the 'Issue Stock Item' dialog box. The 'Stock Details' section includes 'Selected' (549A, P145, SPRING) and 'Issue Unit' (ITEM). The 'Issue Details' section includes 'From Store' (MAIN STORE), 'Available for Issue' (4,000), 'Qty to Issue' (1), and 'Date of Issue' (14/11/2005). Fields for 'Work Order No' (P1532), 'Asset No' (BOIL-01), 'Project No', 'Cost Centre' (20-46), and 'Cost Code' (20-46-01) are highlighted in red. The 'OK' button is highlighted in green. To the right is a 'More About' menu with 'Issue Stock' highlighted in green.

Fig. 14

To Issue stock you will need to fill out information in one or more of the fields highlighted in **red – Work Order Number, Asset Number, Project Number, Cost Centre**. Enter the **Quantity to issue** highlighted in **blue**. The **OK** button (highlighted **green**) should now be active, click **OK** to process the transaction. An Issue note can be printed if required (system option).