



Large Open Positions Reporting (LOPR) Position Report Manager User Guide for Approved Participants

Document ID: LOPR-MR-003E
Document Version: 1.2
Publication Date: 2011-05-31

Equities

Toronto Stock Exchange
TSX Venture Exchange
Equicom

Derivatives

Montréal Exchange
CDCC
Montréal Climate Exchange

Fixed Income

Shorcan

Energy

NGX

Data

TMX Datalinx
PC Bond

Copyright

©Bourse de Montréal Inc., 2011

This document and all information contained herein is and will remain at all times proprietary and confidential information of Bourse de Montréal Inc..

No part of this document may be photocopied, reproduced, stored on retrieval system, or transmitted, in any form or by any means whether, electronic, mechanical, or otherwise without the prior written consent of Bourse de Montréal Inc..

The information included in this document is believed to be accurate. Bourse de Montréal Inc. does not guarantee the completeness or accuracy of any information included herein. This document is produced with the understanding that Bourse de Montréal Inc. is providing information and not in any way providing engineering or other professional services.

SOLA is a trademark of Bourse de Montréal Inc.

Bourse de Montréal Inc. reserves the right to change details in this publication without notice.

LOPR-MR-003E, Document Version 1.2

Document Authorizations

Author(s): Email:	William Applebee - APPW wapplebee@m-x.ca	
Reviewer(s)	Jean-Sebastien Charest	Business Analyst
Approver(s)	Norm Imperatori	Team Leader, Systems Development
Owner	Jean-Francois Bertrand – BERJ	Director, Architecture

Document History

Version	Date	Change Description
1.0	2011-03-31	First approved version for distribution
1.1	2011-05-17	Modifications have been made as follows: <ul style="list-style-type: none">• Application name and document title changed from Positions Reporting Manager to Position Report Manager throughout document.• Chapter 1<ul style="list-style-type: none">• Text changes in sections 1.1 & 1.3• Chapter 2<ul style="list-style-type: none">• Second paragraph deleted• Section 2.1, Objectives, Text modifications• Chapter 3<ul style="list-style-type: none">• Rework of step 3 in section 3.2.1 resulting of placement to page 9 from page 10• Chapter 6<ul style="list-style-type: none">• Account Type field, list entry for Omnibus changed from '3' to 'O'• Account Owner Type field, list entry for M = Sovereign Funds changed to Commodity Trading Advisor (CTA)• Reference inserted for Owner Id & Name• State field length changed from 2 to 24• Call Put Code field length changed from 1 to 4• Strike Price field, changed description• Chapter 7<ul style="list-style-type: none">• Text modifications, rearranging of 'Step' tables, page layouts

Version	Date	Change Description
		<ul style="list-style-type: none"> • Chapter 8 <ul style="list-style-type: none"> • Minor text modifications • Insertion of new section 8.5 Edit Column Properties • Appendix B <ul style="list-style-type: none"> • Section B.2 Account Owner Types, Change of Sovereign Funds to Commodity Trading Advisor (CTA) • Addition of new sections B.4 Account Ownership, B.5 Account Owner ID, and B.6 Account Aggregation • Back Cover <ul style="list-style-type: none"> • E-mail change from loopr@m-x.ca to SAMSUPPORT@m-x.ca
1.2	2011-05-31	The following modification has been made: <ul style="list-style-type: none"> • Account Type field, list entry for Omnibus changed back from 'O' to '3'.

Document Notes

Date	Description

Typographic Conventions

Convention	Meaning
Abbreviated menu commands	This document uses abbreviated menu. For example, "Click Display > Toolbars > Standard " means that you should click the Display menu, point to Toolbars , and click the Standard entry.
Boldface type	Boldface type is used for commands, keywords, file names URLs, or other information that you must use literally. Name of windows, dialogs, and other controls also appear in boldface type.
Initial Capital Letters	The first letter of the names of menus, dialog boxes, dialog box elements, and commands are capitalized.
<Text in angle brackets>	Angle brackets are used for variables and values that you must provide.
Emphasized type	Emphasized type is used for words and phrases that need to be emphasized, as for new terms defined in the text.
Monospace	Code and script examples appear in a monospace font.
Plus sign in text	Keyboard shortcuts are indicated by a plus sign separating key names. For example, Ctrl+F1 means that you must press the Ctrl and F1 keys at the same time.

Table Of Contents

Chapter 1 — Introduction	1
1.1 – Purpose	1
1.2 – Scope	1
1.3 – Audience	1
Chapter 2 — Application Overview	3
2.1 – Objectives.....	4
2.2 – Account Details	4
2.3 – Position Details.....	5
Chapter 3 — Getting Started	7
3.1 – Starting the Application	7
3.2 – Connecting / Disconnecting.....	8
3.2.1 – Login	8
3.2.2 – Logout.....	10
3.3 – Navigating Within the Application Graphical User Interface (GUI)	10
3.3.1 – Main Menu Bar Items.....	10
3.3.2 – Toolbar and Icons	13
3.3.3 – Workspace & Windows	14
Chapter 4 — Business Item - Accounts	17
4.1 – Opening the Accounts Data Window.....	17
4.1.1 – Account Sub-Menu Functionality	19
4.2 – Working with Accounts	21
4.2.1 – Creating New Account Records.....	21
4.2.2 – Copying Account Records	25
4.2.3 – Editing an Account Record	27
4.3 – Deleting an Account Record.....	29
4.4 – Deleting All Displayed Records	31
Chapter 5 — Business Item - Positions	35
5.1 – Opening the Positions Data Window	35
5.1.1 – Positions Sub-Menu Functionality.....	37
5.2 – Working with Positions	38
5.2.1 – Creating New Position Records	38
5.2.2 – Copying Position Records.....	42
5.2.3 – Editing a Position Record.....	44
5.3 – Deleting a Position Record.....	46
5.4 – Deleting All Displayed Records	48
5.5 – No Positions to Report	51

Chapter 6 — Field Types	53
6.1 – Account Data Fields	53
6.2 – Position Data Fields	55
Chapter 7 — Importing CSV Files	57
7.1 – Viewing Import Formats	57
7.2 – Importing Files in .csv Format	60
7.3 – CSV Record Layouts	63
7.3.1 – Account Record	63
7.3.2 – Position Record.....	64
7.4 – Header Samples.....	65
7.4.1 – Account Record Header.....	65
7.4.2 – Position Record Header.....	65
Chapter 8 — Data Window Customization.....	67
8.1 – Introduction.....	67
8.2 – Sort.....	68
8.3 – Filter	70
8.4 – Hide	73
8.5 – Edit Column Properties	75
8.6 – Editing Window Title.....	78
8.7 – Rearranging Columns	79
8.8 – Exporting to Clipboard.....	80
8.8.1 – When to export data to the clipboard?	80
8.8.2 – How to Export to Clipboard	80
8.9 – Search	81
8.10 – Search Column.....	81
8.11 – Print	82
8.11.1 – Printing a Business Item	82
Appendix A — Workspaces and Data Windows	83
A.1 – The Workspace	83
A.2 – Data Windows.....	89
A.3 – Window Functions within the Workspace.	95
Appendix B — Acronyms and Definitions	103
B.1 – Acronyms	103
B.2 – Account Owner Types.....	103
B.3 – Account Types	104
B.4 – Account Ownership.....	105
B.5 – Account Owner ID	105
B.6 – Account Aggregation	107

List of Figures

Figure 1: – Services Offered by SOLA® LOPR System 3
Figure 2: – Application Name and Main Menu Items 10
Figure 3: – Position Report Manager Toolbar 13
Figure 4: – Workspace After Initial Signon 14

List Of Tables

Table 1: – Position Report Manager Main Menu Items Definition 11
Table 2: – Toolbar Icons Definition 13

Chapter 1 Introduction

The Position Report Manager User Guide for Approved Participants has been created for the Position Report Manager application, developed by the Technology division of the Montréal Exchange Inc. , a member of the TMX Group Inc.

1.1 Purpose

The purpose of the application enables Approved Participants (APs) to submit their open positions and account information on a daily basis to the Montréal Exchange Inc. Regulatory (MX-R).

1.2 Scope

This guide will provide a detailed description of the Position Report Manager (PRM) application that Approved Participants will use to enter their client's positions and account information for the MX-R.

Topics covered in this guide will include:

- Application Overview
- Getting Started
 - Connecting to the application (Login)
 - Getting around the application
 - Disconnecting from the application (Logout)
- Entering and submitting positions and client information
- Description of data fields
- Tools to facilitate the searching and analysis of data
- Manipulation of data windows within the Workspace
- Help Menu information on the format required to import Position and Account data

1.3 Audience

The Position Report Manager User Guide for Approved Participants will be primarily used by Approved Participants.

Chapter 2 Application Overview

The Position Report Manager application enables Approved Participants to report open positions and account information. Open position data will be on options, futures, and futures on options.

The illustration below shows the various components of the LOPR System and the interaction of the Approved Participants and MX-R.

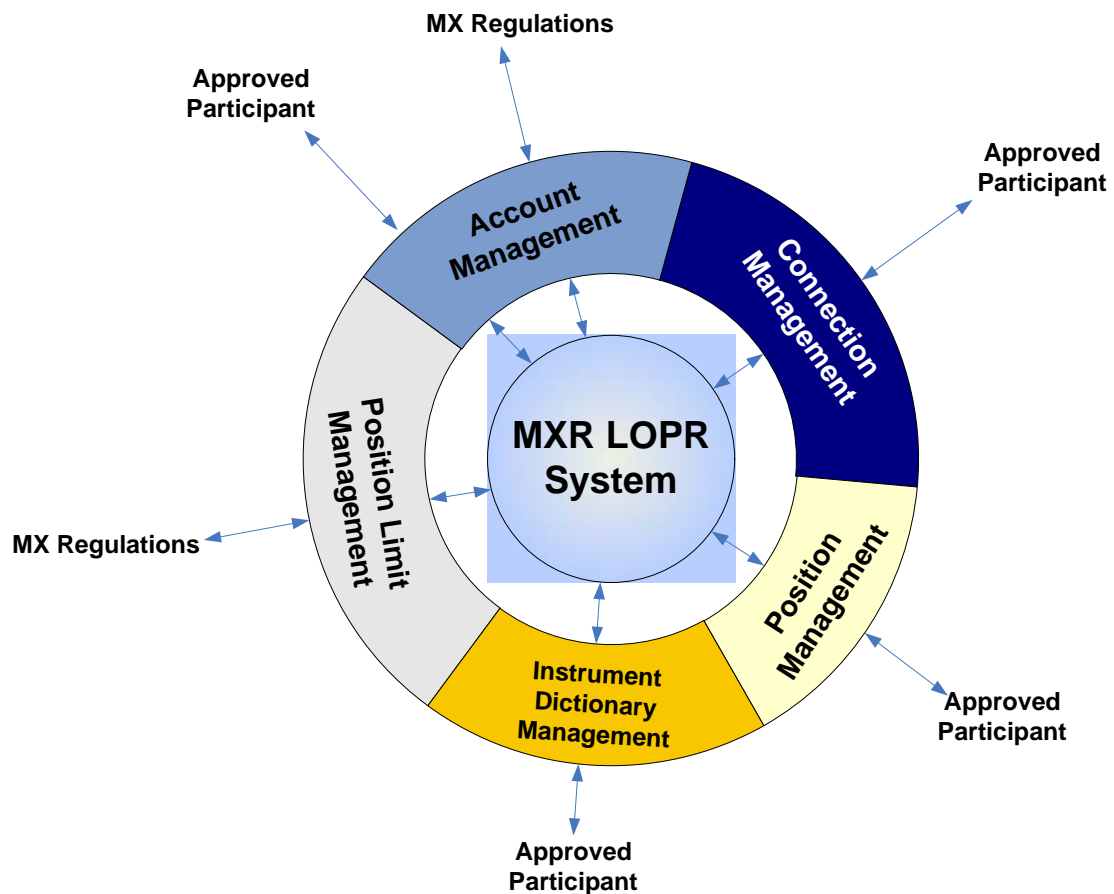


Figure 1: Services Offered by SOLA[®] LOPR System

2.1 Objectives

To significantly reduce the time required by Approved Participants to prepare and submit open positions and client information, and to increase the accuracy of the submitted data.

2.2 Account Details

Approved Participants will create new Account records for each of their clients for submission to MX-R. Account records can be modified or deleted as required. Data fields that make up an Account record are as follows:

- AffiliatedCie
- AccountNumber
- AccountType
- AccountOwnerType
- OwnerId
- HedgeSpec
- Name
- Address
- City
- State (Province)
- ZipPostalCode
- Phone
- Fax
- Email
- CountryCode

For details on how to create, modify, or delete Account records, please refer to [Chapter 4, Business Item - Accounts](#).

2.3 Position Details

Approved Participants will create open Position records for each of their Accounts for submission to MX-R on a daily basis.

Note: In the event the Approved Participant has no open positions to report on a given day, notification to MX-R that there are no positions to report must still be submitted. Refer to [Chapter 5, Business Item - Positions](#), for details on how this is accomplished.

Position records can be modified or deleted as required. Data fields that make up a Position record are as follows:

- ReportDate
- AccountNumber
- ExternalSymbol
- ClassSymbol
- ExpirationDate
- CallPutCode
- StrikePrice
- LongQuantity
- ShortQuantity

For details on how to create, modify, or delete Position records, please refer to [Chapter 5, Business Item - Positions](#).

Note: It is also possible for Approved Participants to create a CSV file for their Position records, which can then be 'Imported'. Import formats for CSV files will be covered in [Chapter 7, Importing CSV Files](#).

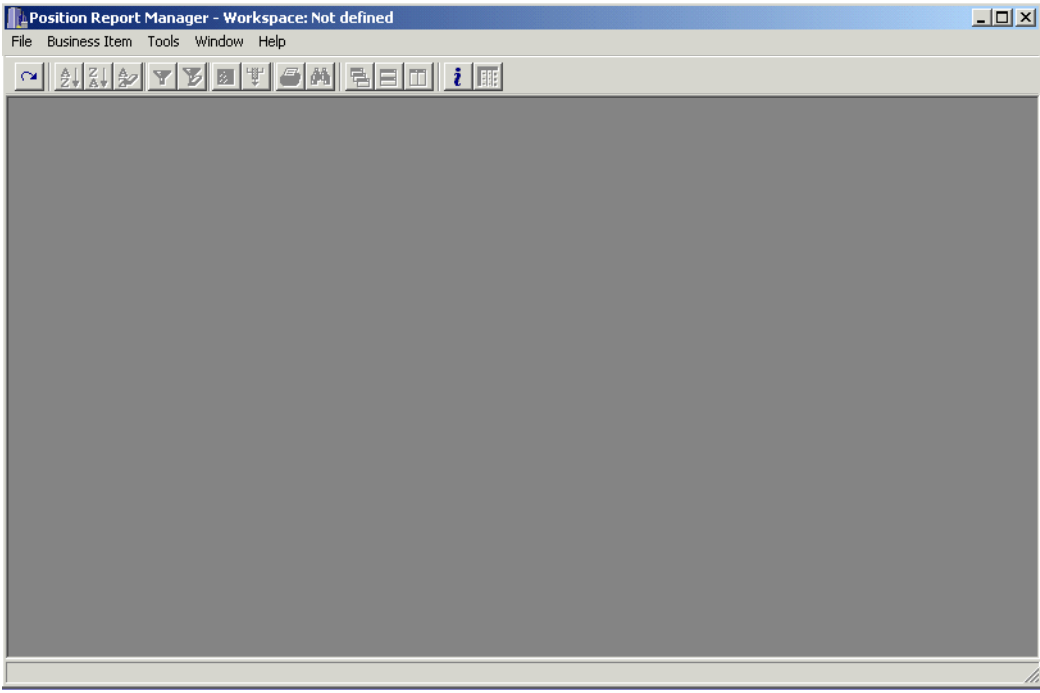
Chapter 3 Getting Started

This chapter introduces the user to the Position Report Manager application. Topics that will be covered are:

- Starting the Application
- Connecting / Disconnecting
- Navigating within the Application Graphical User Interface (GUI)

3.1 Starting the Application

The application can be started in a number of ways depending on the system environment. Follow the instructions as presented in the following table to start Position Report Manager.

STEPS	DESCRIPTION
1	<p>Depending on the system environment, do one of the following:</p> <ul style="list-style-type: none"> • From the Windows status bar select Start > Programs > Position Report Manager • Double-click the Position Report Manager icon on the PC desktop <p>The Position Report Manager Workspace window is displayed as follows:</p> 


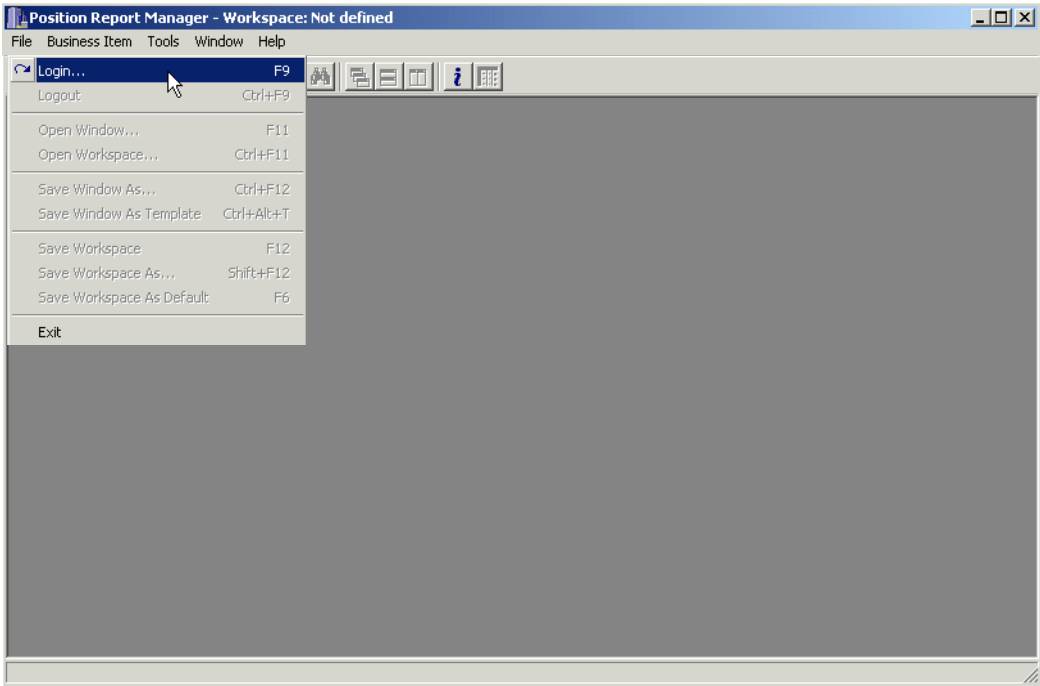
3.2 Connecting / Disconnecting

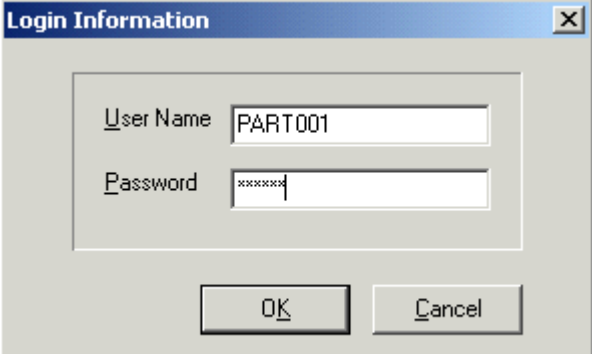

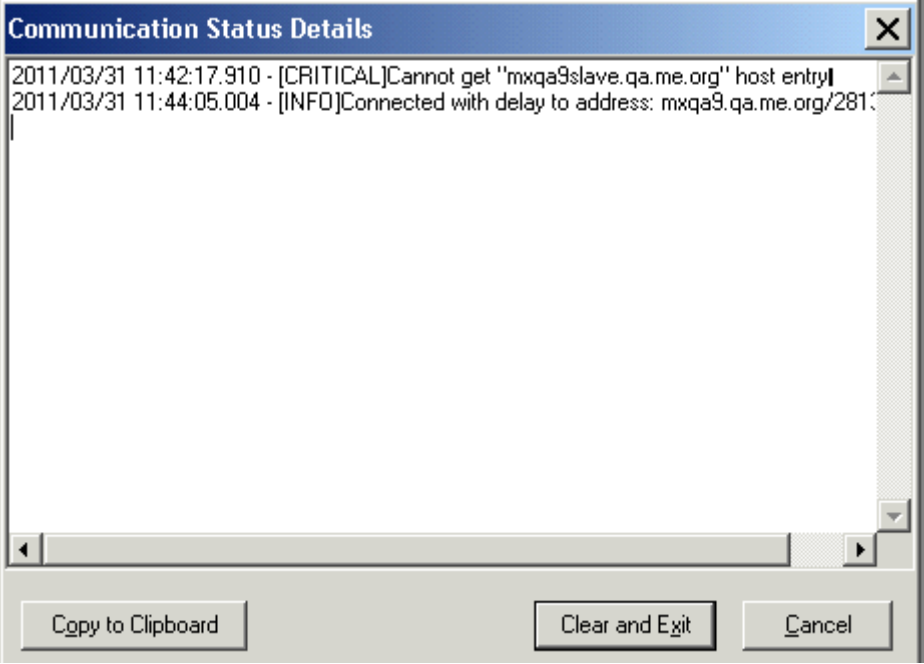
Once the Position Report Manager application has been started, the next step is to Connect or **Login** to the application. Once the session is over, the user will disconnect or **Logout** from the application.

Note: When logging into the application you will be required to enter your User Name and Password.

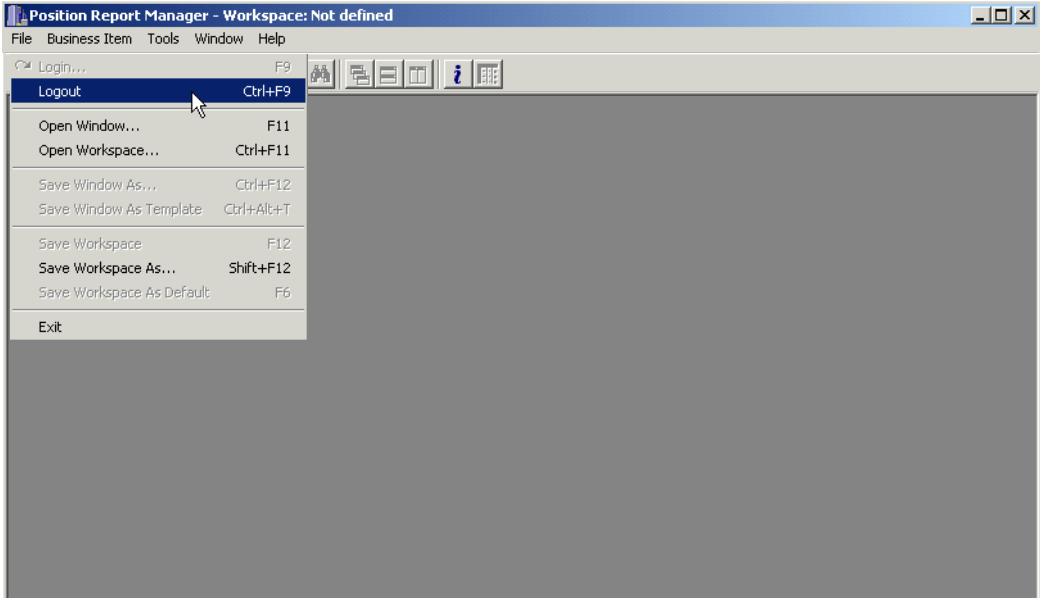
Detailed steps on how to accomplish both functions follow.

3.2.1 Login

STEPS	DESCRIPTION
1	<p>To log into the Position Report Manager application from within the Workspace window, do either of the following:</p> <ul style="list-style-type: none"> • From the application Main Menu options, select File > Login (shown below) • Use the shortcut key sequence: F9 • Use the  icon from the Toolbar 

STEPS	DESCRIPTION
2	<ul style="list-style-type: none"> Enter your User Name and Password <p>The completed dialog is as follows:</p> <ul style="list-style-type: none"> Click OK 
3	<p>To verify connectivity status, click the  icon located on the Toolbar:</p> <p>The Communication Status Details window appears, as shown below, displaying connectivity status.</p> <p>Note: If you were not able to log in to the application, this window will display a related error message. For additional information on the Communication Status Details icon, refer to section 3.3.2, Toolbar and Icons.</p> <ul style="list-style-type: none"> Click Clear and Exit to exit the window 

3.2.2 Logout

STEPS	DESCRIPTION
1	<p>To log out from within the Position Report Manager application from the Workspace window, do either of the following:</p> <ul style="list-style-type: none"> • From the application main menu options, select File > Logout (shown below) • Use the shortcut key sequence: Ctrl + F9 

3.3 Navigating Within the Application Graphical User Interface (GUI)

This section deals with navigating within the Position Report Manager GUI. Topics covered are:

- Main Menu Items
- Toolbar & Icons
- Workspace & Windows

3.3.1 Main Menu Bar Items

The illustration displayed below displays the top part of the GUI.

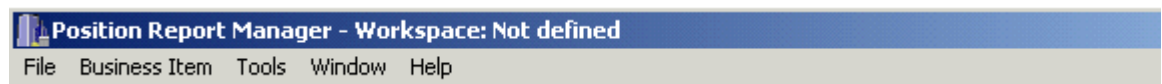


Figure 2: Application Name and Main Menu Items

The top line contains the application name 'Position Report Manager', followed by:

- Workspace: Not defined, or name of a Workspace saved as a default

For information on working with Workspaces, refer to section [A.1, The Workspace](#).

The second line contains the application functions which are:

- File
- Business Item
- Tools
- Window
- Help

Table 1: Position Report Manager Main Menu Items Definition

MAIN MENU ITEMS	DESCRIPTION
File	<p>The File menu item enables the user to:</p> <ul style="list-style-type: none"> • Log in and out of the application • Open an existing Window or Workspace • Save a current Window under a new name • Save a specific Window as a default style • Save a Workspace • Rename a Workspace • Save the Workspace and its contents as the default environment
Business Item	<p>Business Item enables you to open the two main data windows in the PRM application.</p> <p>The two windows are:</p> <ul style="list-style-type: none"> • Accounts • Positions <p>It also provides you with the option:</p> <ul style="list-style-type: none"> • No Position to report

Table 1: Position Report Manager Main Menu Items Definition (Continued)

MAIN MENU ITEMS	DESCRIPTION
Tools	<p>The Tools menu item enables the user to customize individual Information Data windows, with the following functions:</p> <ul style="list-style-type: none"> • Sort • Filter • Hide • Edit Column Properties • Edit Window Title <p>Additional functions are:</p> <ul style="list-style-type: none"> • Export to Clipboard • Print • Search • Grid Options <p>For detailed information on the above functions, refer to Chapter 8, Data Window Customization.</p>
Window	<p>The Window menu item enables you to change the display of open windows with the following features:</p> <ul style="list-style-type: none"> • Cascade • Tile Horizontally • Tile Vertically • Minimize All • Arrange All <p>For detailed information on the above functions, refer to section A.2, Data Windows.</p>
Help	<p>The Help menu item contains the following entries:</p> <ul style="list-style-type: none"> • Position Import Format – field layout for .csv file • Account Import Format – field layout for .csv file • About... – details about the application name and version <p>For more information on importing .CSV files, refer to Chapter 7, Importing CSV Files.</p>

3.3.2 Toolbar and Icons

The following illustration is the Toolbar section of the Position Report Manager GUI window.



Figure 3: Position Report Manager Toolbar

Toolbar Icons are defined in the following table.

Table 2: Toolbar Icons Definition
















ICONS	DEFINITION
	Log In Keyboard Shortcut: F9 (Ctrl +F9 to Log Out)
	Ascending Quick Sort Keyboard Shortcut: Shift+F7
	Descending Quick Sort Keyboard Shortcut: Shift+F8
	Remove Column Sort Keyboard Shortcut: Shift+Ctrl+F7
	Set Quick Filter Keyboard Shortcut: Ctrl+Q
	Remove Column Filter Keyboard Shortcut: Ctrl+Alt+Q
	Hide Columns Keyboard Shortcut: Ctrl+Alt+H
	Hide a single Column Keyboard Shortcut: Ctrl+H
	Print
	Search Keyboard Shortcut: Ctrl+F
	Cascade Windows

Table 2: Toolbar Icons Definition

ICONS	DEFINITION
	Tile Windows Horizontally
	Tile Windows Vertically
	View Communications Status Detail such as warnings, errors, alerts, etc.
	Command History shows status of recently executed commands. For an example of how this icon is used, refer to section 5.5, No Positions to Report .

3.3.3 Workspace & Windows

Workspace

When you first log into the Position Report Manager, the following workspace is displayed. The Workspace is where you open Business Item Data windows (refer to section [A.2, Data Windows](#) for further information on working with data windows).

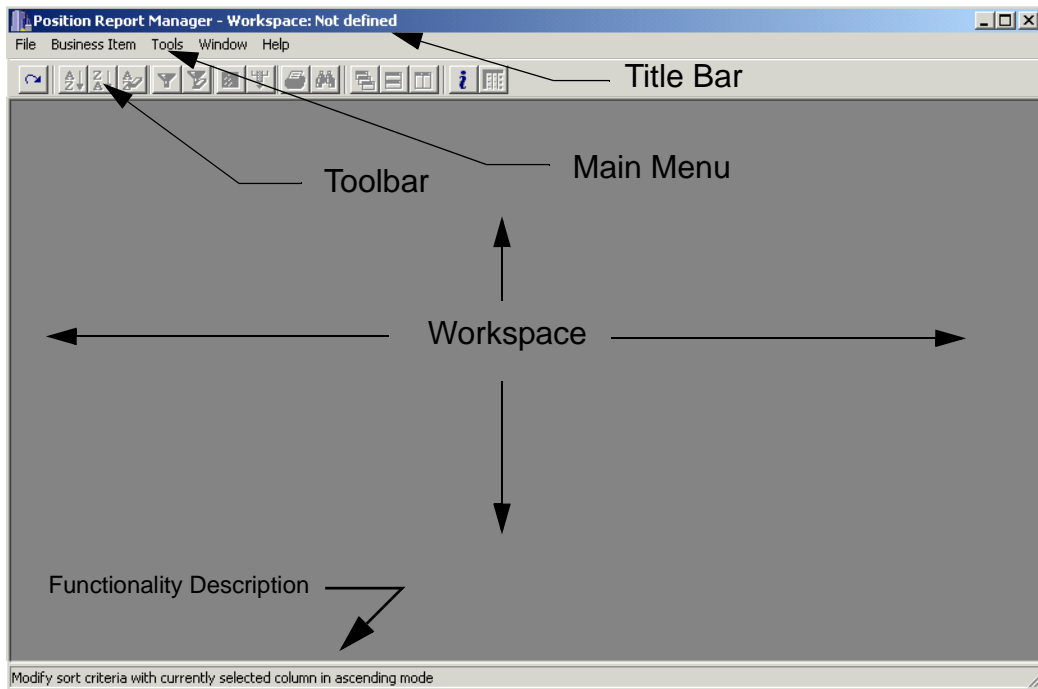


Figure 4: Workspace After Initial Signon

Initially, the Workspace is as it appears above, empty and unnamed, unless you have previously set up a named Workspace to be the default Workspace. In this case, your default Workspace is displayed when you log in. At any time, you are able to open another Workspace that has been previously saved.

The following functions that pertain to Workspaces are:

- Open Workspace...
- Save Workspace
- Save Workspace As...
- Save Workspace As Default

For further information on the above functions, refer to section [A.1, The Workspace](#) in [Appendix A, Workspaces and Data Windows](#).

Data Windows

A Data Window displays information pertaining to a Business Item and is presented in a multi column format. Each column has a title that relates to a data field. Approved Participants are able to open Data Windows for one or more Business Items to track specific information such as Account and Position data. When you first open a Data window, it is unnamed and contains only a sequence number representing the number of times the Business Item has been accessed.

The following functions that pertain to Windows are:

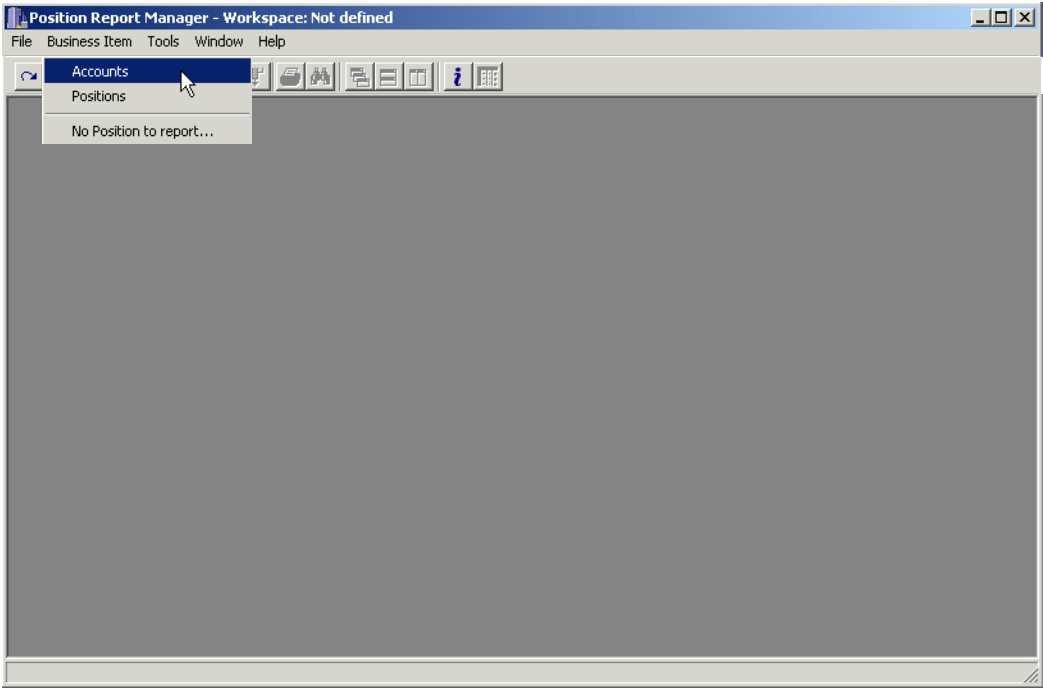
- Open Window...
- Save Window As...
- Save Window As Template

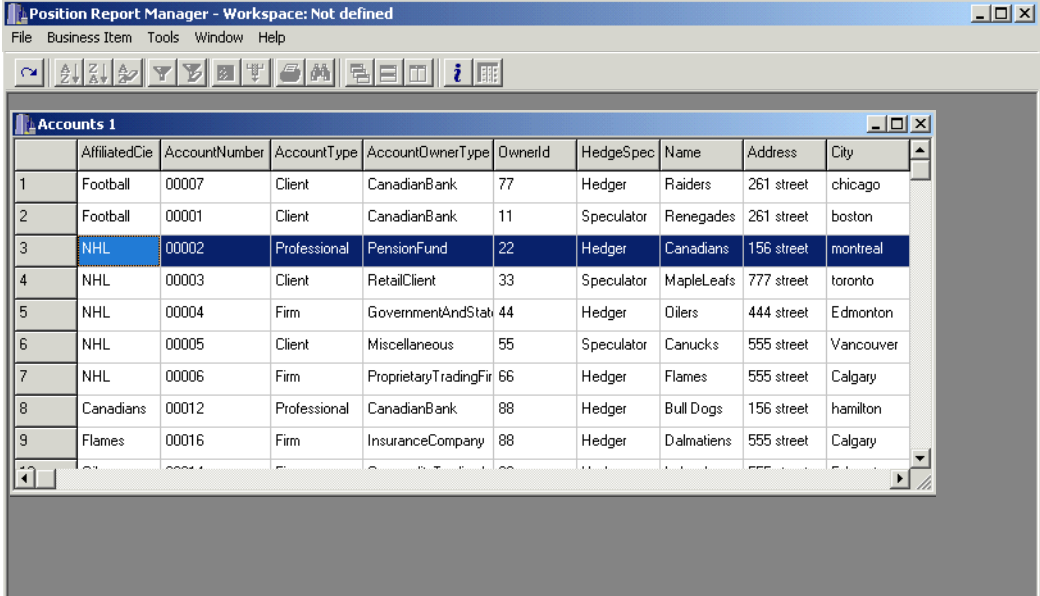
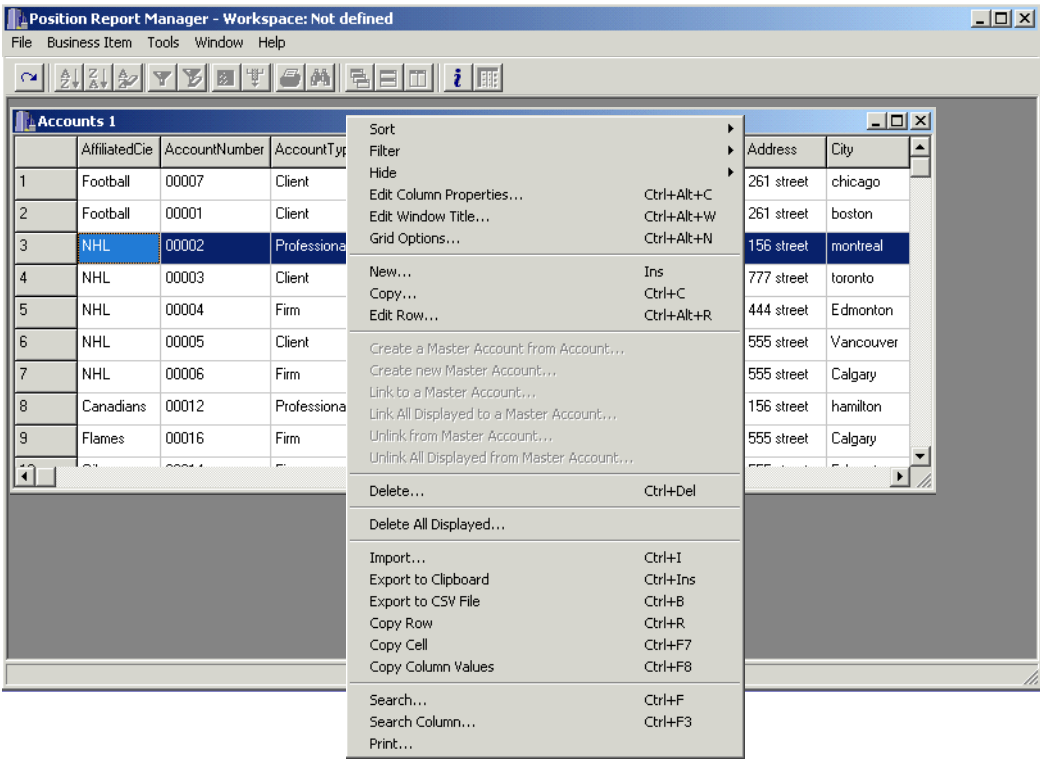
For further information on the above functions, refer to section [A.2, Data Windows](#) in [Appendix A, Workspaces and Data Windows](#).

Chapter 4 Business Item - Accounts

4.1 Opening the Accounts Data Window

The Accounts Business item enables the Approved Participant to create, modify, and delete an Account. To open the Business Item Accounts Data Window, follow the steps below:

STEPS	DESCRIPTION
1	<p>From the Main Menu, select Business Item > Accounts as indicated below:</p> 

STEPS	DESCRIPTION																																																																																																				
	<p>The following Data Window titled Accounts 'X' is displayed, where X is the sequential number of the Accounts Data Window that has been accessed in the current session:</p>  <p>The screenshot shows a window titled "Position Report Manager - Workspace: Not defined" with a menu bar (File, Business Item, Tools, Window, Help) and a toolbar. The main area displays a data window titled "Accounts 1" containing a table with the following data:</p> <table border="1" data-bbox="446 535 1364 892"> <thead> <tr> <th></th> <th>AffiliatedCie</th> <th>AccountNumber</th> <th>AccountType</th> <th>AccountOwnerType</th> <th>OwnerId</th> <th>HedgeSpec</th> <th>Name</th> <th>Address</th> <th>City</th> </tr> </thead> <tbody> <tr><td>1</td><td>Football</td><td>00007</td><td>Client</td><td>CanadianBank</td><td>77</td><td>Hedger</td><td>Raiders</td><td>261 street</td><td>chicago</td></tr> <tr><td>2</td><td>Football</td><td>00001</td><td>Client</td><td>CanadianBank</td><td>11</td><td>Speculator</td><td>Renegades</td><td>261 street</td><td>boston</td></tr> <tr><td>3</td><td>NHL</td><td>00002</td><td>Professional</td><td>PensionFund</td><td>22</td><td>Hedger</td><td>Canadians</td><td>156 street</td><td>montreal</td></tr> <tr><td>4</td><td>NHL</td><td>00003</td><td>Client</td><td>RetailClient</td><td>33</td><td>Speculator</td><td>MapleLeafs</td><td>777 street</td><td>toronto</td></tr> <tr><td>5</td><td>NHL</td><td>00004</td><td>Firm</td><td>GovernmentAndStat</td><td>44</td><td>Hedger</td><td>Oilers</td><td>444 street</td><td>Edmonton</td></tr> <tr><td>6</td><td>NHL</td><td>00005</td><td>Client</td><td>Miscellaneous</td><td>55</td><td>Speculator</td><td>Canucks</td><td>555 street</td><td>Vancouver</td></tr> <tr><td>7</td><td>NHL</td><td>00006</td><td>Firm</td><td>ProprietaryTradingFir</td><td>66</td><td>Hedger</td><td>Flames</td><td>555 street</td><td>Calgary</td></tr> <tr><td>8</td><td>Canadians</td><td>00012</td><td>Professional</td><td>CanadianBank</td><td>88</td><td>Hedger</td><td>Bull Dogs</td><td>156 street</td><td>hamilton</td></tr> <tr><td>9</td><td>Flames</td><td>00016</td><td>Firm</td><td>InsuranceCompany</td><td>88</td><td>Hedger</td><td>Dalmatians</td><td>555 street</td><td>Calgary</td></tr> </tbody> </table>		AffiliatedCie	AccountNumber	AccountType	AccountOwnerType	OwnerId	HedgeSpec	Name	Address	City	1	Football	00007	Client	CanadianBank	77	Hedger	Raiders	261 street	chicago	2	Football	00001	Client	CanadianBank	11	Speculator	Renegades	261 street	boston	3	NHL	00002	Professional	PensionFund	22	Hedger	Canadians	156 street	montreal	4	NHL	00003	Client	RetailClient	33	Speculator	MapleLeafs	777 street	toronto	5	NHL	00004	Firm	GovernmentAndStat	44	Hedger	Oilers	444 street	Edmonton	6	NHL	00005	Client	Miscellaneous	55	Speculator	Canucks	555 street	Vancouver	7	NHL	00006	Firm	ProprietaryTradingFir	66	Hedger	Flames	555 street	Calgary	8	Canadians	00012	Professional	CanadianBank	88	Hedger	Bull Dogs	156 street	hamilton	9	Flames	00016	Firm	InsuranceCompany	88	Hedger	Dalmatians	555 street	Calgary
	AffiliatedCie	AccountNumber	AccountType	AccountOwnerType	OwnerId	HedgeSpec	Name	Address	City																																																																																												
1	Football	00007	Client	CanadianBank	77	Hedger	Raiders	261 street	chicago																																																																																												
2	Football	00001	Client	CanadianBank	11	Speculator	Renegades	261 street	boston																																																																																												
3	NHL	00002	Professional	PensionFund	22	Hedger	Canadians	156 street	montreal																																																																																												
4	NHL	00003	Client	RetailClient	33	Speculator	MapleLeafs	777 street	toronto																																																																																												
5	NHL	00004	Firm	GovernmentAndStat	44	Hedger	Oilers	444 street	Edmonton																																																																																												
6	NHL	00005	Client	Miscellaneous	55	Speculator	Canucks	555 street	Vancouver																																																																																												
7	NHL	00006	Firm	ProprietaryTradingFir	66	Hedger	Flames	555 street	Calgary																																																																																												
8	Canadians	00012	Professional	CanadianBank	88	Hedger	Bull Dogs	156 street	hamilton																																																																																												
9	Flames	00016	Firm	InsuranceCompany	88	Hedger	Dalmatians	555 street	Calgary																																																																																												
2	<p>From within the active Data Window, right-click the mouse to display the sub-menu:</p>  <p>The screenshot shows the same "Accounts 1" data window as above, but with a right-click context menu open over the table. The menu items are:</p> <ul style="list-style-type: none"> Sort Filter Hide Edit Column Properties... (Ctrl+Alt+C) Edit Window Title... (Ctrl+Alt+W) Grid Options... (Ctrl+Alt+N) New... (Ins) Copy... (Ctrl+C) Edit Row... (Ctrl+Alt+R) Create a Master Account from Account... Create new Master Account... Link to a Master Account... Link All Displayed to a Master Account... Unlink from Master Account... Unlink All Displayed from Master Account... Delete... (Ctrl+Del) Delete All Displayed... Import... (Ctrl+I) Export to Clipboard (Ctrl+Ins) Export to CSV File (Ctrl+B) Copy Row (Ctrl+R) Copy Cell (Ctrl+F7) Copy Column Values (Ctrl+F8) Search... (Ctrl+F) Search Column... (Ctrl+F3) Print... 																																																																																																				

STEPS	DESCRIPTION
	<p>The sub-menu above displays all the available functions that that can be performed on Account records.</p> <p>Note: Items which are 'greyed out' are not available to Approved Participants.</p>

4.1.1 Account Sub-Menu Functionality

After right-clicking the mouse button, a sub-menu with multiple functionality is displayed as shown in the previous section. Available functions are explained as follows:

The top section contains items that can be used to customize Data Windows. They are:

- Sort - sort single or multiple columns
- Filter - filter for specific data
- Hide - hide single or multiple columns
- Edit Column Properties - customize individual columns for heading and layout¹
- Edit Window Title - change the title of a Data Window
- Grid Options - change overall appearance of the Data Window¹

For detail information on how to use the above features for customizing the Data Window, refer to [Chapter 8, Data Window Customization](#).

Note: Some of the above items can also be found on the Toolbar for quicker access.

The next section consists of the following items:

- New - Creating a new Account
- Copy - Copy of an existing Account for the purpose of creating a new Account with similar information
- Edit Row - The ability to modify existing information within a previously entered Account

Note: A number of functions which are 'greyed out' are not available to the Approved Participant.

- Delete - Used to delete an existing Account record
- Delete All Displayed... - used to delete multiple records displayed as a result of using the filter

The above functions will all be covered in the following section.

The next section of the sub-menu contains the following functions which are useful not so much in the customization of the Data Window, but more so in working with the contents:

1. This feature is not available in Position Report Manager

- Import - import .csv data (for more information on this, refer to [Chapter 7, Importing CSV Files](#))
- Export to Clipboard - copy data to the clipboard for other uses
- Export to CSV File - export to a .csv file to be used in a spreadsheet
- Copy Row - copy the contents of a specific row
- Copy Cell - copy the contents of a specific cell
- Copy Column Values - copy the contents of an entire column

For detail information on how to use the above features, refer to [Chapter 8, Data Window Customization](#).

The last section contains the following functions:

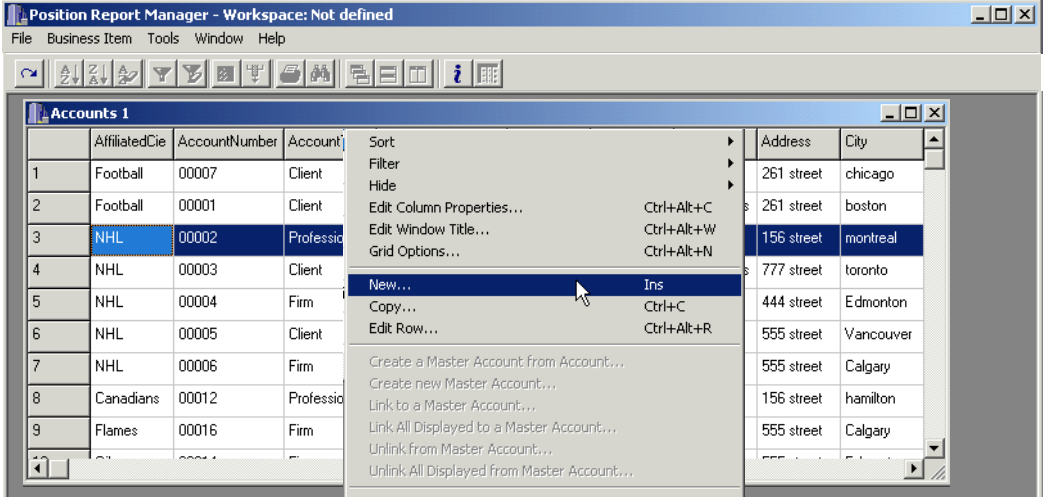
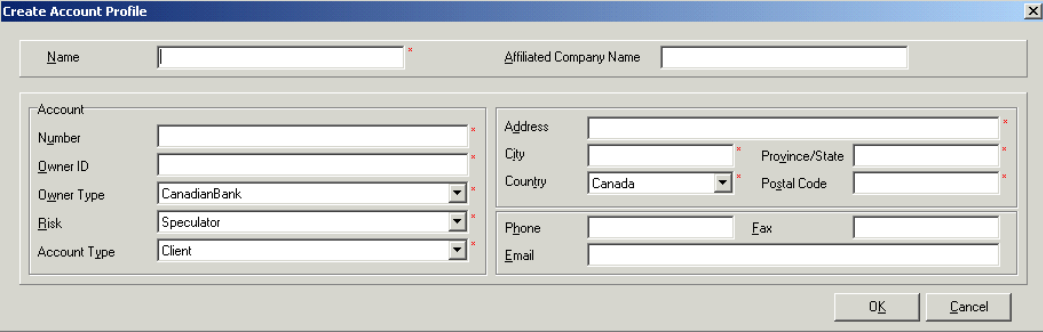
- Search... - search for data within a column
- search Column... - search for a specific column
- Print... - print the contents of a Data Window

For detail information on how to use the above features, refer to [Chapter 8, Data Window Customization](#).

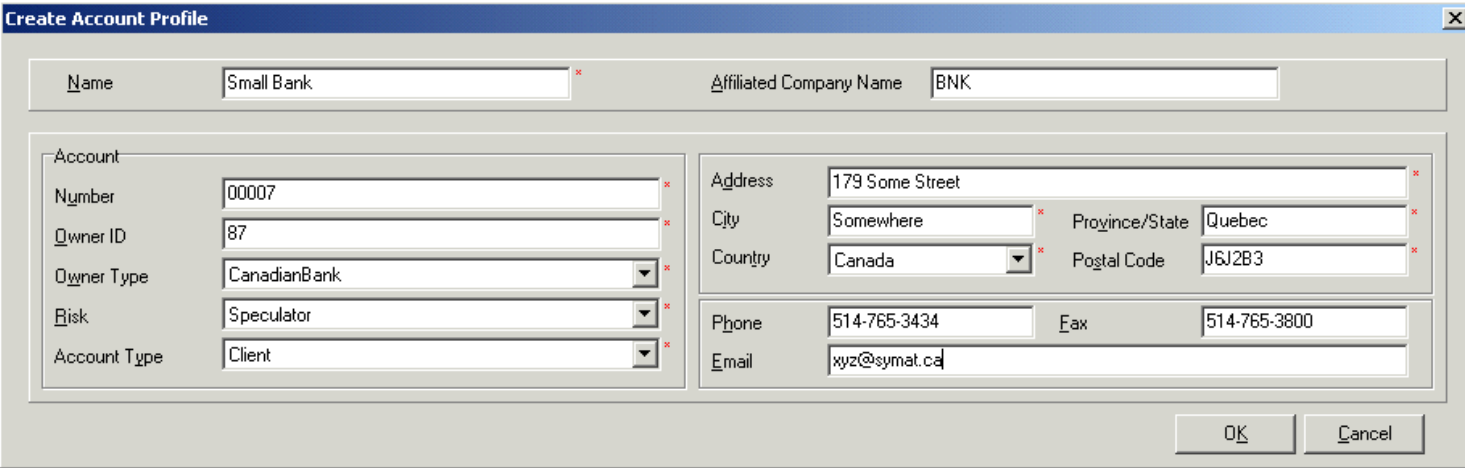
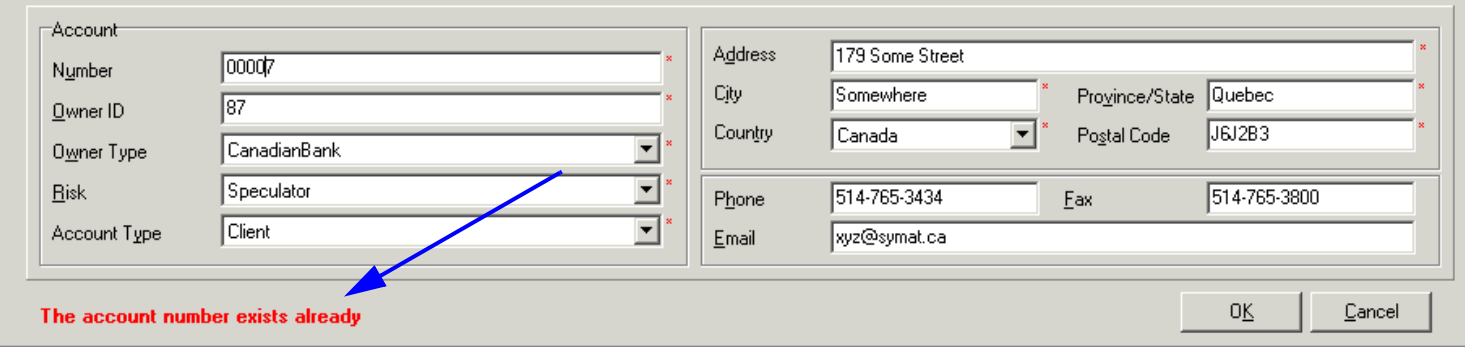
4.2 Working with Accounts


This section will presume that the Position Report Manager application is running and that the Accounts Data Window has been opened with the sub-menu displayed. If the Accounts Data Window is not open, refer to section 4.1, [Opening the Accounts Data Window](#).

4.2.1 Creating New Account Records

STEPS	DESCRIPTION
1	<p>With the sub-menu displayed within the Data Window, do either of the following:</p> <ul style="list-style-type: none"> • Select New... • Use the Shortcut Key: Ins 
	<p>The Create Account Profile form is displayed as shown below.</p>  <p>Fill in the form fields as indicated below. For an explanation on the form fields, refer to Chapter 6, Field Types.</p> <p>Note: Fields with a red ** must be filled.</p>
2	<ul style="list-style-type: none"> • Enter the account owner name in the Name field

STEPS	DESCRIPTION
3	<ul style="list-style-type: none"> • Enter an Affiliated Company Name (optional)
4	<ul style="list-style-type: none"> • Enter an Account Number in the Number field
5	<ul style="list-style-type: none"> • Enter a unique identification for the owner in the Owner ID field
6	<ul style="list-style-type: none"> • Select the type of owner from the Owner Type drop-down menu
7	<ul style="list-style-type: none"> • Select either Hedger or Speculator from the Risk drop-down menu
8	<ul style="list-style-type: none"> • Select the type of account from the Account Type drop-down menu
9	<ul style="list-style-type: none"> • Enter the address of the account owner in the Address field
10	<ul style="list-style-type: none"> • Enter the Province or State of the account owner in the Province/State field
11	<ul style="list-style-type: none"> • Select the country of the account owner in the Country field
12	<ul style="list-style-type: none"> • Enter the postal code of the account owner in the Postal Code field
13	<p>The next three fields are optional:</p> <ul style="list-style-type: none"> • Enter the phone number of the account owner in the Phone field • Enter the fax number of the account owner in the Fax field • Enter the email address of the account owner in the Email field

STEPS	DESCRIPTION
14	<p>The completed form should resemble the following:</p>  <p>Click OK</p>
15	<p>If you have entered incorrect data, an error message will be displayed as indicated in the snippet below:</p>  <p>The account number exists already</p>

STEPS	DESCRIPTION																																																																																																				
16	<ul style="list-style-type: none"> Correct the error indicated and click OK <p>Note: In this example the account Number was changed to 000175</p>																																																																																																				
17	<p>The following confirmation window should display as follows:</p> <div data-bbox="443 478 1027 724" style="border: 1px solid gray; padding: 5px; margin: 10px 0;"> <p>Create Account Profile X</p> <p> You are about to create a new record Press OK button to proceed with the creation.</p> <p style="text-align: center;"> <input type="button" value="OK"/> <input type="button" value="Cancel"/> </p> </div> <ul style="list-style-type: none"> Click OK 																																																																																																				
	<p>The resulting new Account record is displayed in the Account Data Window below.</p> <div data-bbox="435 856 1469 1539" style="border: 1px solid gray; padding: 5px;"> <p>Position Report Manager - Workspace: Not defined</p> <p>File Business Item Tools Window Help</p> <hr/> <p>Accounts 1</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th>AffiliatedCie</th> <th>AccountNumber</th> <th>AccountType</th> <th>AccountOwnerType</th> <th>OwnerId</th> <th>HedgeSpec</th> <th>Name</th> <th>Address</th> <th>City</th> </tr> </thead> <tbody> <tr><td>11</td><td>Pittsburgh</td><td>00008</td><td>MarketMaker</td><td>MutualFunds</td><td>99</td><td>Speculator</td><td>Penguins</td><td>9999 street</td><td>Pittsburgh</td></tr> <tr><td>12</td><td>San Jose</td><td>00009</td><td>Client</td><td>ForeignBank</td><td>1010</td><td>Speculator</td><td>Sharks</td><td>1010 street</td><td>Pittsburgh</td></tr> <tr><td>13</td><td>Philadelphia</td><td>00010</td><td>Omnibus</td><td>CanadianBroker</td><td>1110</td><td>Hedger</td><td>Flyers</td><td>1110 street</td><td>Philaderphia</td></tr> <tr><td>14</td><td>New York</td><td>00011</td><td>Professional</td><td>HedgeFunds</td><td>1111</td><td>Speculator</td><td>Rangers</td><td>1111 street</td><td>New York</td></tr> <tr><td>15</td><td>Ottawa</td><td>00013</td><td>MarketMaker</td><td>ProprietaryTradingFir</td><td>3333</td><td>Speculator</td><td>Senators</td><td>3333 street</td><td>Ottawa</td></tr> <tr><td>16</td><td>Philadelphia</td><td>00015</td><td>Omnibus</td><td>Corporate</td><td>5555</td><td>Speculator</td><td>Flyers</td><td>555 street</td><td>Philadelphia</td></tr> <tr><td>17</td><td>Vancouver</td><td>00017</td><td>Firm</td><td>Corporate</td><td>7777</td><td>Hedger</td><td>Canucks</td><td>7777 street</td><td>Vancouver</td></tr> <tr><td>18</td><td>Winnipeg</td><td>00018</td><td>Client</td><td>HedgeFunds</td><td>1818</td><td>Speculator</td><td>Jets</td><td>1818 street</td><td>Winnipeg</td></tr> <tr style="background-color: #e0e0e0;"><td>19</td><td>BNK</td><td>000175</td><td>Client</td><td>CanadianBank</td><td>87</td><td>Speculator</td><td>Small Bank</td><td>179 Some St</td><td>Somewhere</td></tr> </tbody> </table> </div>		AffiliatedCie	AccountNumber	AccountType	AccountOwnerType	OwnerId	HedgeSpec	Name	Address	City	11	Pittsburgh	00008	MarketMaker	MutualFunds	99	Speculator	Penguins	9999 street	Pittsburgh	12	San Jose	00009	Client	ForeignBank	1010	Speculator	Sharks	1010 street	Pittsburgh	13	Philadelphia	00010	Omnibus	CanadianBroker	1110	Hedger	Flyers	1110 street	Philaderphia	14	New York	00011	Professional	HedgeFunds	1111	Speculator	Rangers	1111 street	New York	15	Ottawa	00013	MarketMaker	ProprietaryTradingFir	3333	Speculator	Senators	3333 street	Ottawa	16	Philadelphia	00015	Omnibus	Corporate	5555	Speculator	Flyers	555 street	Philadelphia	17	Vancouver	00017	Firm	Corporate	7777	Hedger	Canucks	7777 street	Vancouver	18	Winnipeg	00018	Client	HedgeFunds	1818	Speculator	Jets	1818 street	Winnipeg	19	BNK	000175	Client	CanadianBank	87	Speculator	Small Bank	179 Some St	Somewhere
	AffiliatedCie	AccountNumber	AccountType	AccountOwnerType	OwnerId	HedgeSpec	Name	Address	City																																																																																												
11	Pittsburgh	00008	MarketMaker	MutualFunds	99	Speculator	Penguins	9999 street	Pittsburgh																																																																																												
12	San Jose	00009	Client	ForeignBank	1010	Speculator	Sharks	1010 street	Pittsburgh																																																																																												
13	Philadelphia	00010	Omnibus	CanadianBroker	1110	Hedger	Flyers	1110 street	Philaderphia																																																																																												
14	New York	00011	Professional	HedgeFunds	1111	Speculator	Rangers	1111 street	New York																																																																																												
15	Ottawa	00013	MarketMaker	ProprietaryTradingFir	3333	Speculator	Senators	3333 street	Ottawa																																																																																												
16	Philadelphia	00015	Omnibus	Corporate	5555	Speculator	Flyers	555 street	Philadelphia																																																																																												
17	Vancouver	00017	Firm	Corporate	7777	Hedger	Canucks	7777 street	Vancouver																																																																																												
18	Winnipeg	00018	Client	HedgeFunds	1818	Speculator	Jets	1818 street	Winnipeg																																																																																												
19	BNK	000175	Client	CanadianBank	87	Speculator	Small Bank	179 Some St	Somewhere																																																																																												

4.2.2 Copying Account Records

This procedure is used as a quick way to create a new Account. When an existing record is copied, all field information is displayed. Key fields must be changed before submitting the new record. Those fields which contain data that is the same as the new record can be left as is, therefore saving some time.

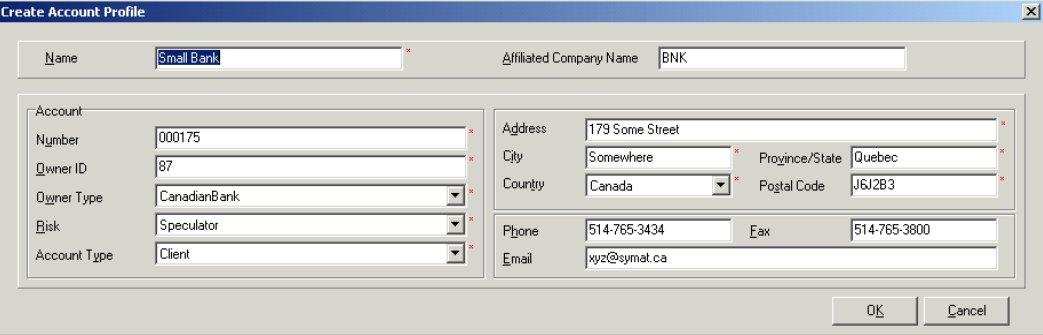
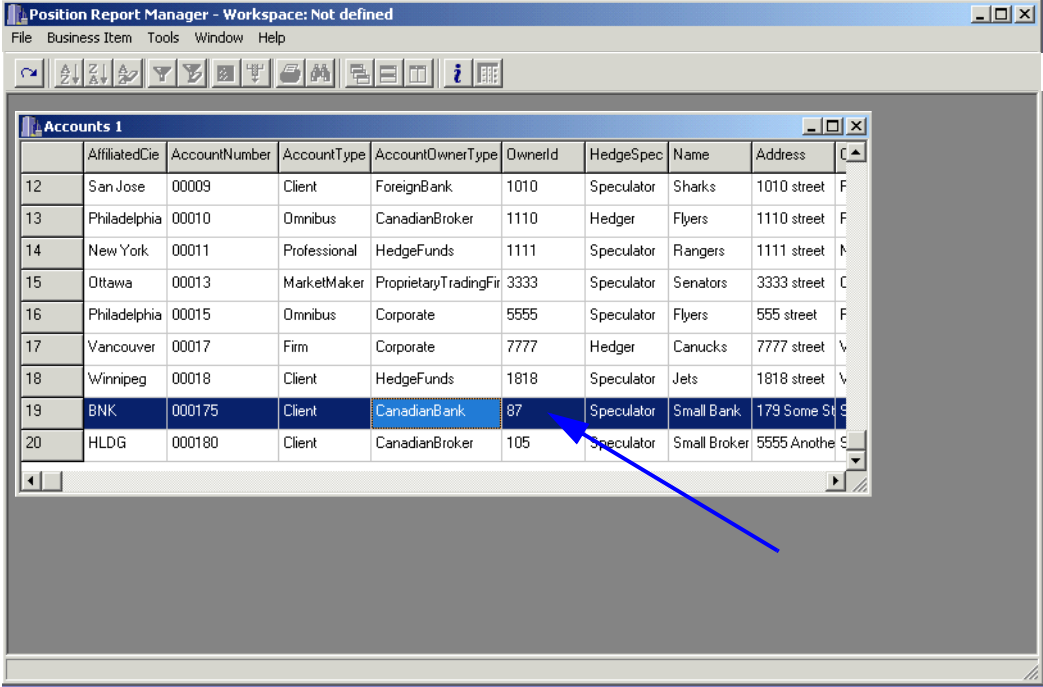
To copy an existing record to create a new record, follow the steps below:

STEPS	DESCRIPTION
1	<p>With the sub-menu displayed within the Data Window, do either of the following:</p> <ul style="list-style-type: none">• Select the Account record to be copied• Select Copy...• Use the Shortcut Key: Ctrl+C

The screenshot shows the 'Position Report Manager' application window. The title bar reads 'Position Report Manager - Workspace: Not defined'. The menu bar includes 'File', 'Business Item', 'Tools', 'Window', and 'Help'. A toolbar with various icons is visible below the menu bar. The main data window, titled 'Accounts 1', contains a table with the following data:

	AffiliatedCie	AccountNum	AccountType
11	Pittsburgh	00008	MarketMake
12	San Jose	00009	Client
13	Philadelphia	00010	Omnibus
14	New York	00011	Professional
15	Ottawa	00013	MarketMake
16	Philadelphia	00015	Omnibus
17	Vancouver	00017	Firm
18	Winnipeg	00018	Client
19	BNK	000175	Client

A context menu is open over the selected row (19). The menu items include: Sort, Filter, Hide, Edit Column Properties... (Ctrl+Alt+C), Edit Window Title... (Ctrl+Alt+W), Grid Options... (Ctrl+Alt+N), New... (Ins), Copy... (Ctrl+C), Edit Row... (Ctrl+Alt+R), Create a Master Account from Account..., Create new Master Account..., Link to a Master Account..., Link All Displayed to a Master Account..., Unlink from Master Account..., Unlink All Displayed from Master Account..., Delete... (Ctrl+Del), Delete All Displayed..., Import... (Ctrl+I), Export to Clipboard (Ctrl+Ins), Export to CSV File (Ctrl+B), Copy Row (Ctrl+R), Copy Cell (Ctrl+F7), Copy Column Values (Ctrl+F8), Search... (Ctrl+F), Search Column... (Ctrl+F3), and Print... The 'Copy...' option is highlighted by the mouse cursor.

STEPS	DESCRIPTION																																																																																										
	<p>The Create Account Profile form is displayed as shown below with full details from the copied record.</p>  <p>Note: At this point, the procedure follows the exact same process as creating a new account. Refer to section 4.2.1, Creating New Account Records, starting at Step 2 thru Step 17.</p>																																																																																										
	<p>The new Account record will be displayed in the Accounts Data Window as shown below.</p>  <table border="1" data-bbox="443 1045 1300 1423"> <thead> <tr> <th></th> <th>AffiliatedCie</th> <th>AccountNumber</th> <th>AccountType</th> <th>AccountOwnerType</th> <th>OwnerId</th> <th>HedgeSpec</th> <th>Name</th> <th>Address</th> </tr> </thead> <tbody> <tr> <td>12</td> <td>San Jose</td> <td>00009</td> <td>Client</td> <td>ForeignBank</td> <td>1010</td> <td>Speculator</td> <td>Sharks</td> <td>1010 street</td> </tr> <tr> <td>13</td> <td>Philadelphia</td> <td>00010</td> <td>Omnibus</td> <td>CanadianBroker</td> <td>1110</td> <td>Hedger</td> <td>Flyers</td> <td>1110 street</td> </tr> <tr> <td>14</td> <td>New York</td> <td>00011</td> <td>Professional</td> <td>HedgeFunds</td> <td>1111</td> <td>Speculator</td> <td>Rangers</td> <td>1111 street</td> </tr> <tr> <td>15</td> <td>Ottawa</td> <td>00013</td> <td>MarketMaker</td> <td>ProprietaryTradingFir</td> <td>3333</td> <td>Speculator</td> <td>Senators</td> <td>3333 street</td> </tr> <tr> <td>16</td> <td>Philadelphia</td> <td>00015</td> <td>Omnibus</td> <td>Corporate</td> <td>5555</td> <td>Speculator</td> <td>Flyers</td> <td>555 street</td> </tr> <tr> <td>17</td> <td>Vancouver</td> <td>00017</td> <td>Firm</td> <td>Corporate</td> <td>7777</td> <td>Hedger</td> <td>Canucks</td> <td>7777 street</td> </tr> <tr> <td>18</td> <td>Winnipeg</td> <td>00018</td> <td>Client</td> <td>HedgeFunds</td> <td>1818</td> <td>Speculator</td> <td>Jets</td> <td>1818 street</td> </tr> <tr style="background-color: #e6f2ff;"> <td>19</td> <td>BNK</td> <td>000175</td> <td>Client</td> <td>CanadianBank</td> <td>87</td> <td>Speculator</td> <td>Small Bank</td> <td>179 Some St</td> </tr> <tr> <td>20</td> <td>HLDG</td> <td>000180</td> <td>Client</td> <td>CanadianBroker</td> <td>105</td> <td>Speculator</td> <td>Small Broker</td> <td>5555 Anothe S</td> </tr> </tbody> </table>		AffiliatedCie	AccountNumber	AccountType	AccountOwnerType	OwnerId	HedgeSpec	Name	Address	12	San Jose	00009	Client	ForeignBank	1010	Speculator	Sharks	1010 street	13	Philadelphia	00010	Omnibus	CanadianBroker	1110	Hedger	Flyers	1110 street	14	New York	00011	Professional	HedgeFunds	1111	Speculator	Rangers	1111 street	15	Ottawa	00013	MarketMaker	ProprietaryTradingFir	3333	Speculator	Senators	3333 street	16	Philadelphia	00015	Omnibus	Corporate	5555	Speculator	Flyers	555 street	17	Vancouver	00017	Firm	Corporate	7777	Hedger	Canucks	7777 street	18	Winnipeg	00018	Client	HedgeFunds	1818	Speculator	Jets	1818 street	19	BNK	000175	Client	CanadianBank	87	Speculator	Small Bank	179 Some St	20	HLDG	000180	Client	CanadianBroker	105	Speculator	Small Broker	5555 Anothe S
	AffiliatedCie	AccountNumber	AccountType	AccountOwnerType	OwnerId	HedgeSpec	Name	Address																																																																																			
12	San Jose	00009	Client	ForeignBank	1010	Speculator	Sharks	1010 street																																																																																			
13	Philadelphia	00010	Omnibus	CanadianBroker	1110	Hedger	Flyers	1110 street																																																																																			
14	New York	00011	Professional	HedgeFunds	1111	Speculator	Rangers	1111 street																																																																																			
15	Ottawa	00013	MarketMaker	ProprietaryTradingFir	3333	Speculator	Senators	3333 street																																																																																			
16	Philadelphia	00015	Omnibus	Corporate	5555	Speculator	Flyers	555 street																																																																																			
17	Vancouver	00017	Firm	Corporate	7777	Hedger	Canucks	7777 street																																																																																			
18	Winnipeg	00018	Client	HedgeFunds	1818	Speculator	Jets	1818 street																																																																																			
19	BNK	000175	Client	CanadianBank	87	Speculator	Small Bank	179 Some St																																																																																			
20	HLDG	000180	Client	CanadianBroker	105	Speculator	Small Broker	5555 Anothe S																																																																																			

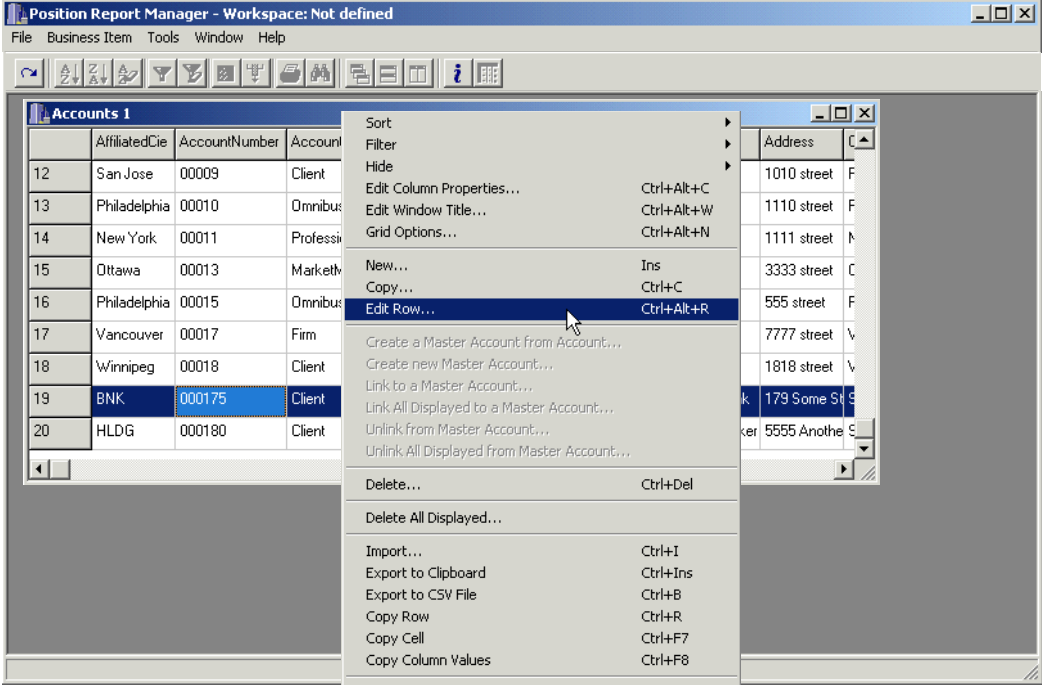
4.2.3 Editing an Account Record

This function enables the Approved Participant to modify an Account record if necessary. The process is the same as if a record was being copied, the exception being no new record will be created, only the existing record will be modified.

Note: All fields, with the exception of the Account Number can be modified.

To edit an existing record, follow the steps as outlined below.

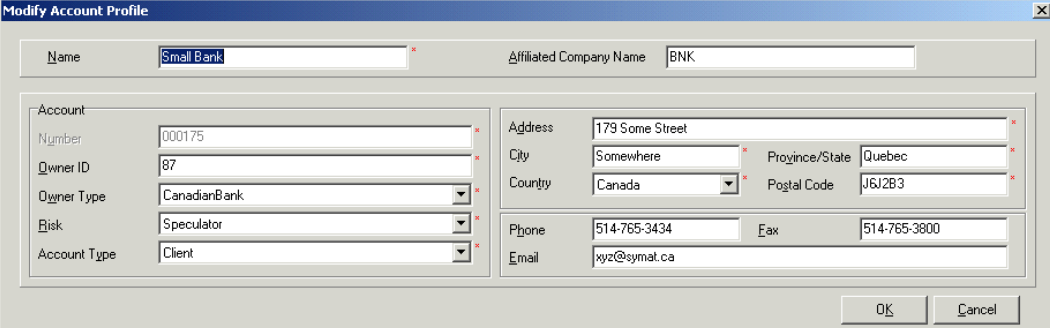
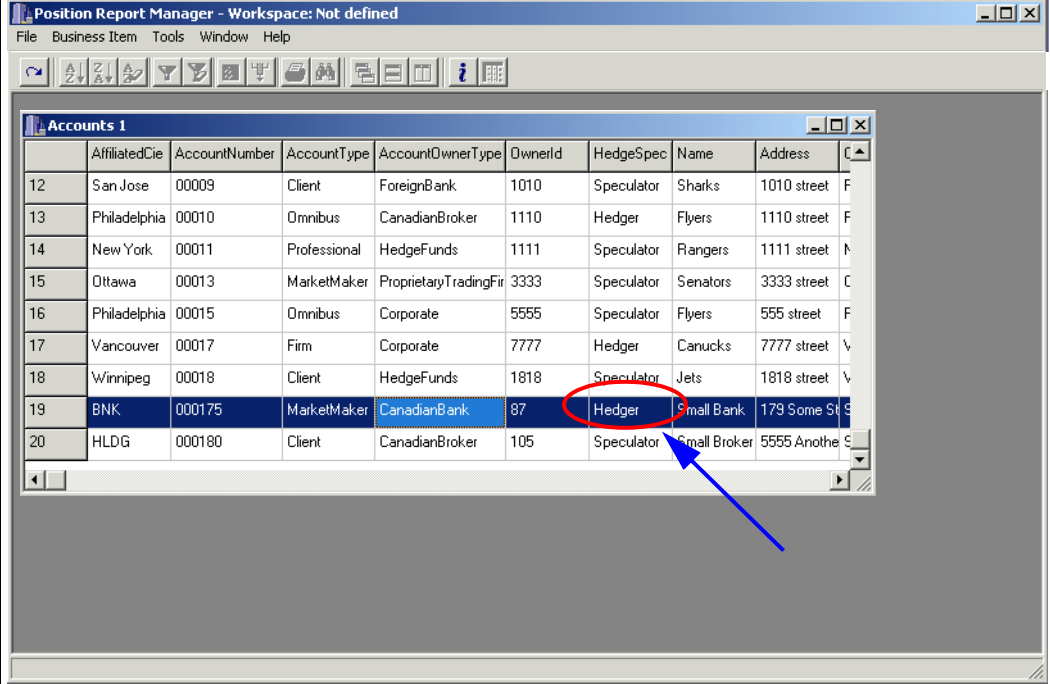
STEPS	DESCRIPTION
1	<p>With the sub-menu displayed within the Data Window, do either of the following:</p> <ul style="list-style-type: none">• Select the Account record to be modified• Select Edit Row...• Use the Shortcut Key: Ctrl+Alt+R



The screenshot shows the 'Position Report Manager' application window. A table titled 'Accounts 1' is displayed with the following data:

	AffiliatedCie	AccountNumber	Account
12	San Jose	00009	Client
13	Philadelphia	00010	Omnibus
14	New York	00011	Professi
15	Ottawa	00013	Marketv
16	Philadelphia	00015	Omnibus
17	Vancouver	00017	Firm
18	Winnipeg	00018	Client
19	BNK	000175	Client
20	HLDG	000180	Client

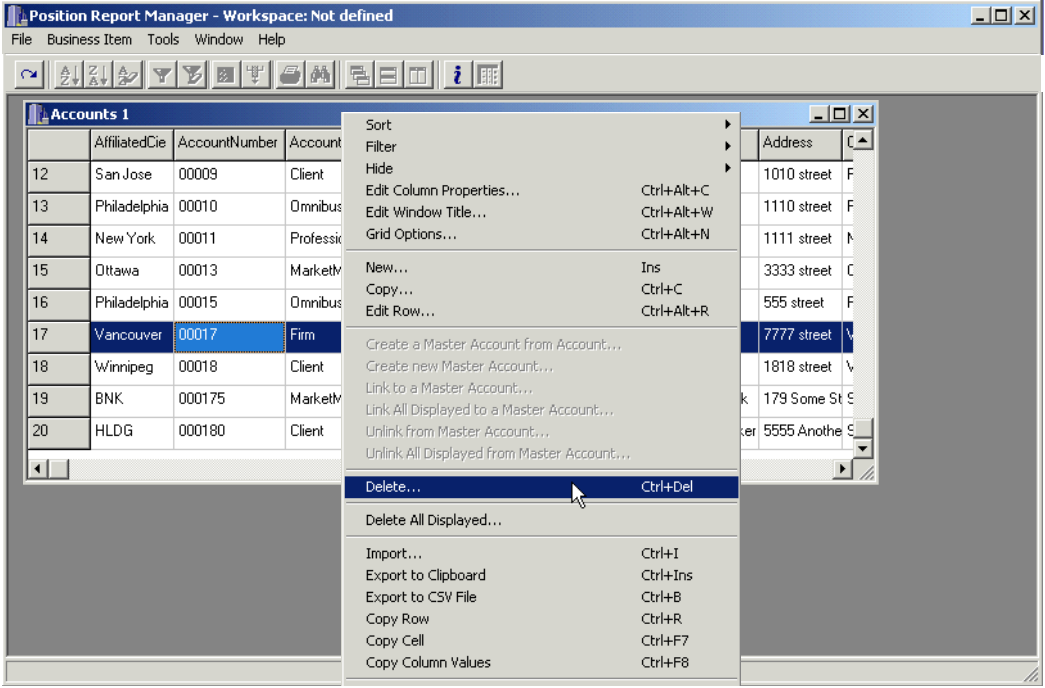
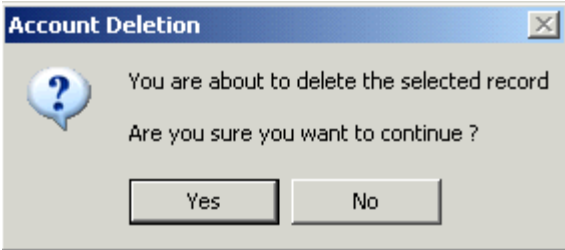
A context menu is open over the table, listing various actions. The 'Edit Row...' option is highlighted, and its shortcut key 'Ctrl+Alt+R' is visible. Other options include 'Sort', 'Filter', 'Hide', 'Delete...', 'Import...', 'Export to Clipboard', 'Export to CSV File', 'Copy Row', 'Copy Cell', 'Copy Column Values', 'Search...', 'Search Column...', and 'Print...'.

STEPS	DESCRIPTION																																																																																																				
	<p>The Create Account Profile form is displayed as shown below with full details from the copied record.</p> 																																																																																																				
2	<p>As mentioned earlier, all fields with the exception of Account Number can be modified. Refer to section 4.2.1, Creating New Account Records, starting at Step 2, Step 3 and Step 5 thru Step 17 for information on entering/selecting data.</p>																																																																																																				
	<p>The new Account record will be displayed in the Accounts Data Window as shown below.</p> <p>Note: The modification to the existing Account record was to change the Risk field from Speculator to Hedger.</p>  <table border="1" data-bbox="440 1136 1295 1514"> <thead> <tr> <th></th> <th>AffiliatedCie</th> <th>AccountNumber</th> <th>AccountType</th> <th>AccountOwnerType</th> <th>OwnerId</th> <th>HedgeSpec</th> <th>Name</th> <th>Address</th> <th></th> </tr> </thead> <tbody> <tr> <td>12</td> <td>San Jose</td> <td>00009</td> <td>Client</td> <td>ForeignBank</td> <td>1010</td> <td>Speculator</td> <td>Sharks</td> <td>1010 street</td> <td>F</td> </tr> <tr> <td>13</td> <td>Philadelphia</td> <td>00010</td> <td>Omnibus</td> <td>CanadianBroker</td> <td>1110</td> <td>Hedger</td> <td>Flyers</td> <td>1110 street</td> <td>F</td> </tr> <tr> <td>14</td> <td>New York</td> <td>00011</td> <td>Professional</td> <td>HedgeFunds</td> <td>1111</td> <td>Speculator</td> <td>Rangers</td> <td>1111 street</td> <td>N</td> </tr> <tr> <td>15</td> <td>Ottawa</td> <td>00013</td> <td>MarketMaker</td> <td>ProprietaryTradingFir</td> <td>3333</td> <td>Speculator</td> <td>Senators</td> <td>3333 street</td> <td>C</td> </tr> <tr> <td>16</td> <td>Philadelphia</td> <td>00015</td> <td>Omnibus</td> <td>Corporate</td> <td>5555</td> <td>Speculator</td> <td>Flyers</td> <td>555 street</td> <td>F</td> </tr> <tr> <td>17</td> <td>Vancouver</td> <td>00017</td> <td>Firm</td> <td>Corporate</td> <td>7777</td> <td>Hedger</td> <td>Canucks</td> <td>7777 street</td> <td>V</td> </tr> <tr> <td>18</td> <td>Winnipeg</td> <td>00018</td> <td>Client</td> <td>HedgeFunds</td> <td>1818</td> <td>Speculator</td> <td>Jets</td> <td>1818 street</td> <td>V</td> </tr> <tr> <td>19</td> <td>BNK</td> <td>000175</td> <td>MarketMaker</td> <td>CanadianBank</td> <td>87</td> <td>Hedger</td> <td>Small Bank</td> <td>179 Some St</td> <td>S</td> </tr> <tr> <td>20</td> <td>HLDG</td> <td>000180</td> <td>Client</td> <td>CanadianBroker</td> <td>105</td> <td>Speculator</td> <td>Small Broker</td> <td>5555 Anothe</td> <td>S</td> </tr> </tbody> </table>		AffiliatedCie	AccountNumber	AccountType	AccountOwnerType	OwnerId	HedgeSpec	Name	Address		12	San Jose	00009	Client	ForeignBank	1010	Speculator	Sharks	1010 street	F	13	Philadelphia	00010	Omnibus	CanadianBroker	1110	Hedger	Flyers	1110 street	F	14	New York	00011	Professional	HedgeFunds	1111	Speculator	Rangers	1111 street	N	15	Ottawa	00013	MarketMaker	ProprietaryTradingFir	3333	Speculator	Senators	3333 street	C	16	Philadelphia	00015	Omnibus	Corporate	5555	Speculator	Flyers	555 street	F	17	Vancouver	00017	Firm	Corporate	7777	Hedger	Canucks	7777 street	V	18	Winnipeg	00018	Client	HedgeFunds	1818	Speculator	Jets	1818 street	V	19	BNK	000175	MarketMaker	CanadianBank	87	Hedger	Small Bank	179 Some St	S	20	HLDG	000180	Client	CanadianBroker	105	Speculator	Small Broker	5555 Anothe	S
	AffiliatedCie	AccountNumber	AccountType	AccountOwnerType	OwnerId	HedgeSpec	Name	Address																																																																																													
12	San Jose	00009	Client	ForeignBank	1010	Speculator	Sharks	1010 street	F																																																																																												
13	Philadelphia	00010	Omnibus	CanadianBroker	1110	Hedger	Flyers	1110 street	F																																																																																												
14	New York	00011	Professional	HedgeFunds	1111	Speculator	Rangers	1111 street	N																																																																																												
15	Ottawa	00013	MarketMaker	ProprietaryTradingFir	3333	Speculator	Senators	3333 street	C																																																																																												
16	Philadelphia	00015	Omnibus	Corporate	5555	Speculator	Flyers	555 street	F																																																																																												
17	Vancouver	00017	Firm	Corporate	7777	Hedger	Canucks	7777 street	V																																																																																												
18	Winnipeg	00018	Client	HedgeFunds	1818	Speculator	Jets	1818 street	V																																																																																												
19	BNK	000175	MarketMaker	CanadianBank	87	Hedger	Small Bank	179 Some St	S																																																																																												
20	HLDG	000180	Client	CanadianBroker	105	Speculator	Small Broker	5555 Anothe	S																																																																																												

4.3 Deleting an Account Record

On occasion it may be necessary to delete an Account Record. This feature enables the Approved Participant to delete Account records when called for.

To delete an Account Record, follow the steps as outlined below.

STEPS	DESCRIPTION
1	<p>With the sub-menu displayed within the Data Window, do either of the following:</p> <ul style="list-style-type: none">• Select the Account record to be deleted• Select Delete...• Use the Shortcut Key: Ctrl+Del
	 <p>The screenshot shows the 'Position Report Manager' application window. The main data window displays a table titled 'Accounts 1' with columns: AffiliatedCie, AccountNumber, Account, and Address. Row 17 is selected, showing 'Vancouver' as the affiliated company, '00017' as the account number, and 'Firm' as the account type. A context menu is open over this row, listing various actions. The 'Delete...' option is highlighted, and its shortcut key, 'Ctrl+Del', is displayed to the right of the menu item.</p>
2	<p>The Account Deletion confirmation widow is displayed as shown below.</p>
	 <p>The screenshot shows a dialog box titled 'Account Deletion'. It contains a question mark icon and the text: 'You are about to delete the selected record. Are you sure you want to continue?'. Below the text are two buttons: 'Yes' and 'No'.</p>
	<ul style="list-style-type: none">• Click Yes

STEPS	DESCRIPTION
	<p>The Accounts Data Window is displayed with the previously selected Account record no longer present as indicated in the illustration below.</p>

The screenshot shows the 'Position Report Manager - Workspace: Not defined' application window. Inside, there is a sub-window titled 'Accounts 1' containing a table with the following data:

	AffiliatedCie	AccountNumber	AccountType	AccountOwnerType	OwnerId	HedgeSpec	Name	Address	
11	Pittsburgh	00008	MarketMaker	MutualFunds	99	Speculator	Penguins	9999 street	F
12	San Jose	00009	Client	ForeignBank	1010	Speculator	Sharks	1010 street	F
13	Philadelphia	00010	Omnibus	CanadianBroker	1110	Hedger	Flyers	1110 street	F
14	New York	00011	Professional	HedgeFunds	1111	Speculator	Rangers	1111 street	N
15	Ottawa	00013	MarketMaker	ProprietaryTradingFir	3333	Speculator	Senators	3333 street	C
16	Philadelphia	00015	Omnibus	Corporate	5555	Speculator	Flyers	555 street	F
17	Winnipeg	00018	Client	HedgeFunds	1818	Speculator	Jets	1818 street	V
18	BNK	000175	MarketMaker	CanadianBank	87	Hedger	Small Bank	179 Some St	S
19	HLDG	000180	Client	CanadianBroker	105	Speculator	Small Broker	5555 Anothe	S

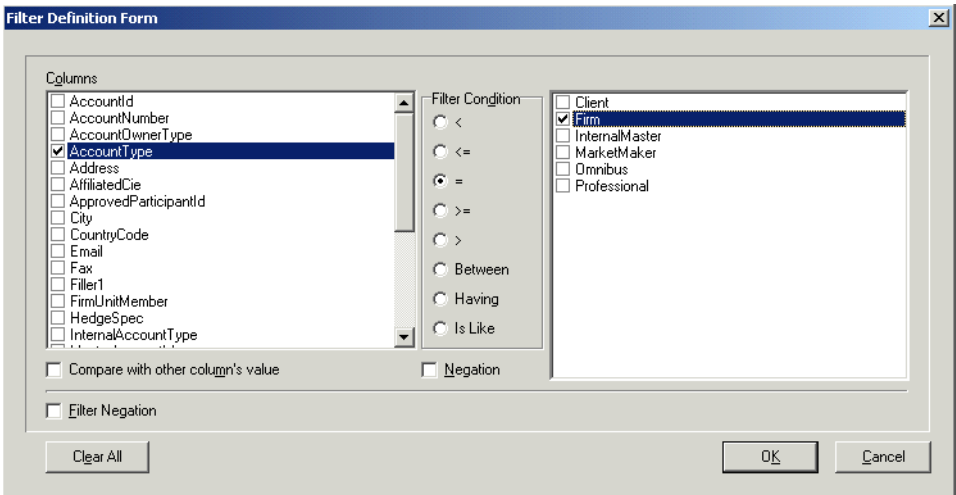
A blue arrow points from the 'OwnerId' field of the highlighted row (17) to the 'OwnerId' field of the row below it (18).

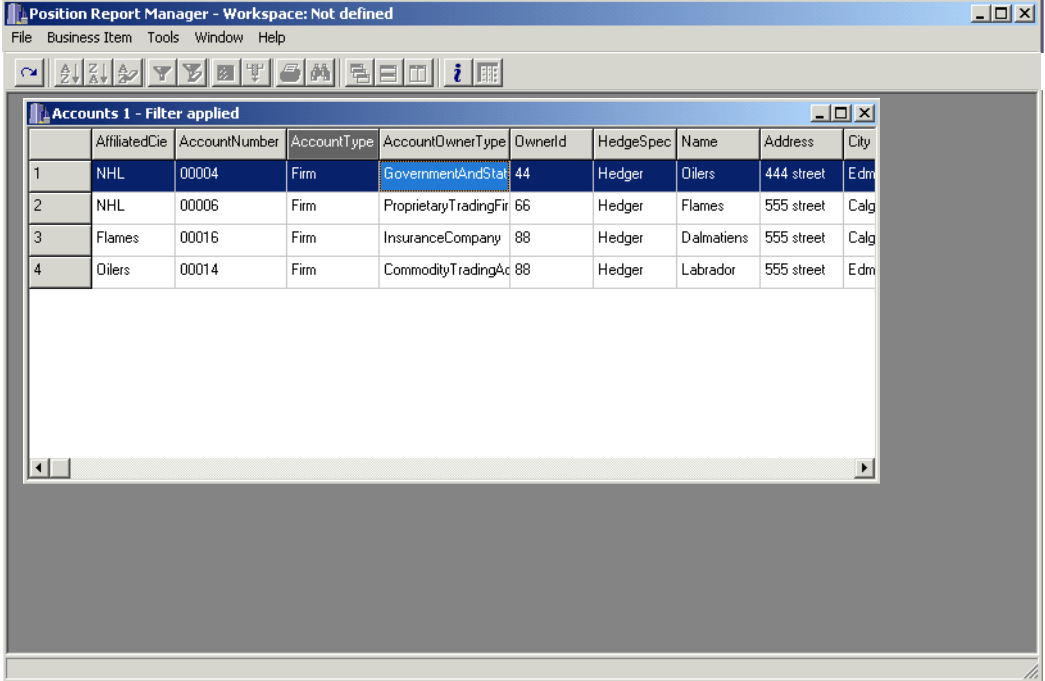
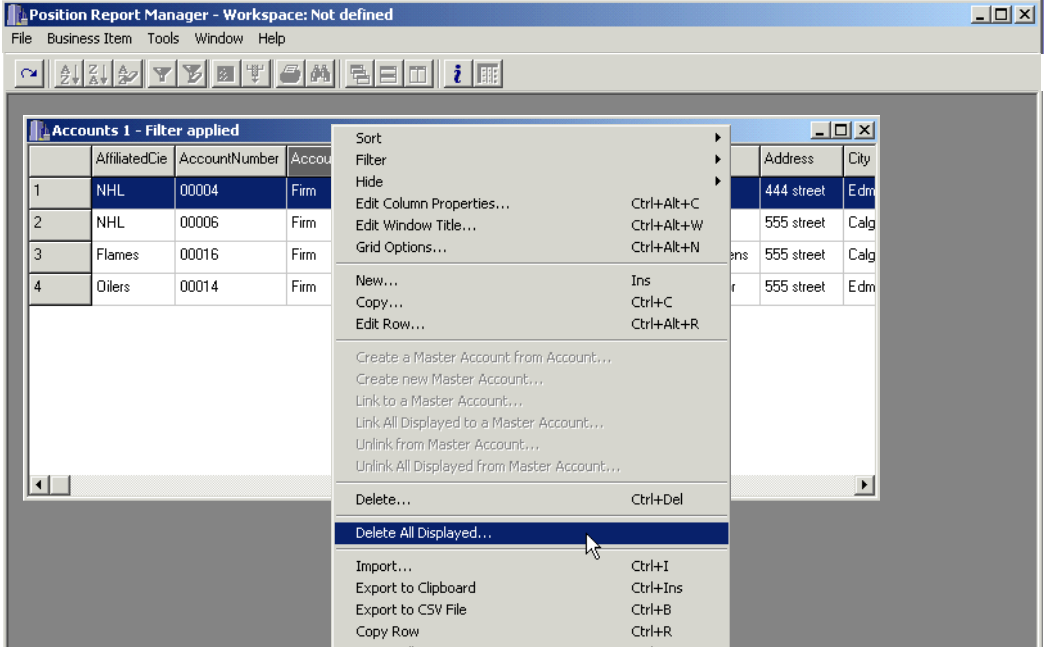
4.4 Deleting All Displayed Records

The Delete feature enables the deletion of one record at a time. Depending on the number of records there are to delete, this could be time consuming. The Delete All Displayed feature enables the Approved Participant to display a group of records that will be deleted by using the 'Filter' function in either the sub-menu, or within the main menu item 'Tools'.

For information on how to use the Filter on Data Window records , refer to section [8.3, Filter](#), in [Chapter 8, Data Window Customization](#).

To delete multiple records at the same time, follow the steps as outlined below.

STEPS	DESCRIPTION
1	<p>From the active Data Window, do either of the following:</p> <ul style="list-style-type: none"> • Right-click to display the sub-menu and select Filter > Filter Selection • From the Main Menu, select Tools > Filter > Filter Selection • Use the Shortcut Key: Ctrl+Alt+F <p>The Filter Definition Form is displayed.</p> <p>At this point refer to section 8.3, Filter for details on how to fill out the Filter Definition Form.</p> <p>Note: In this example, all 'Firms' within Account Type have been filtered out.</p> <p>The completed Filter Definition Form is shown below.</p>  <ul style="list-style-type: none"> • Click OK

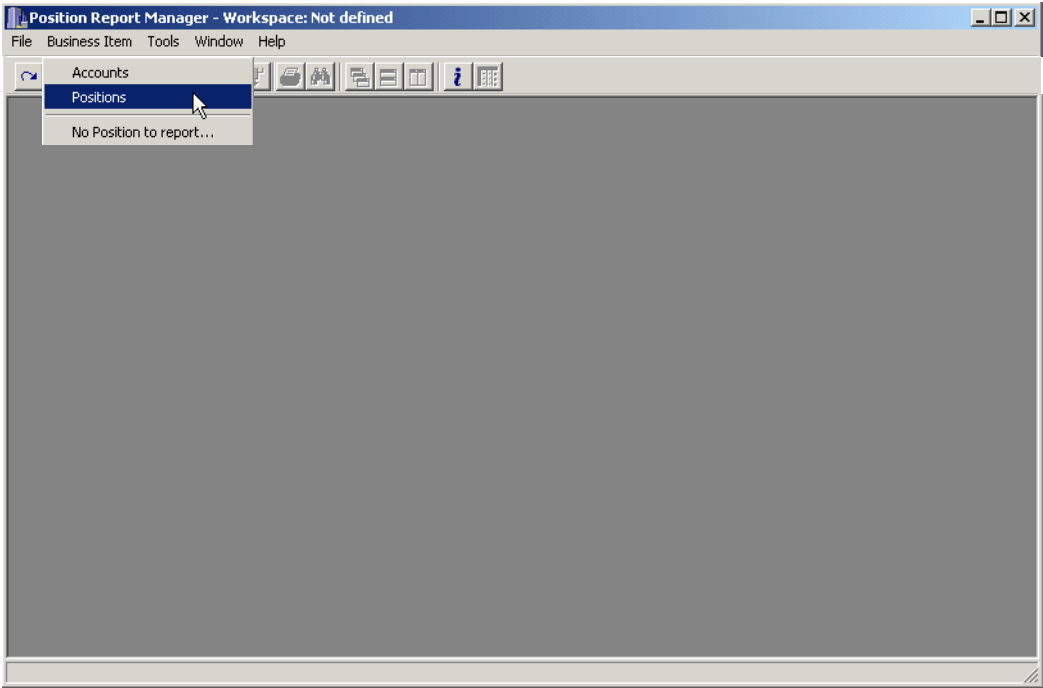
STEPS	DESCRIPTION
	<p>The selected Account Records for the Account Type 'Firm' are now displayed below.</p>  <p>The above four (4) records will now be deleted.</p>
2	<ul style="list-style-type: none"> Right-click in the Accounts Data Window and select Delete All Displayed... as shown below. 

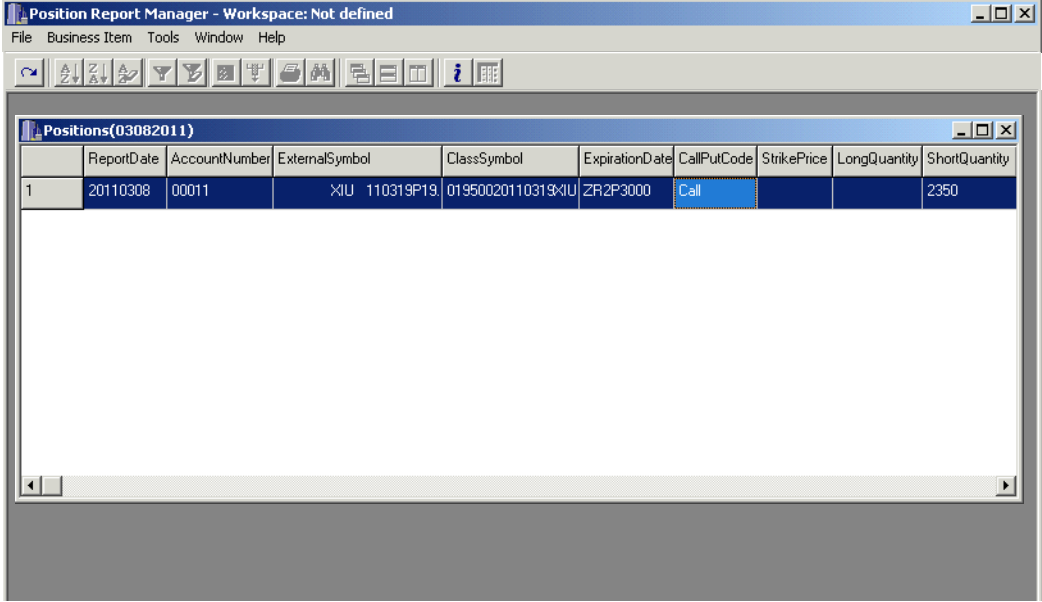
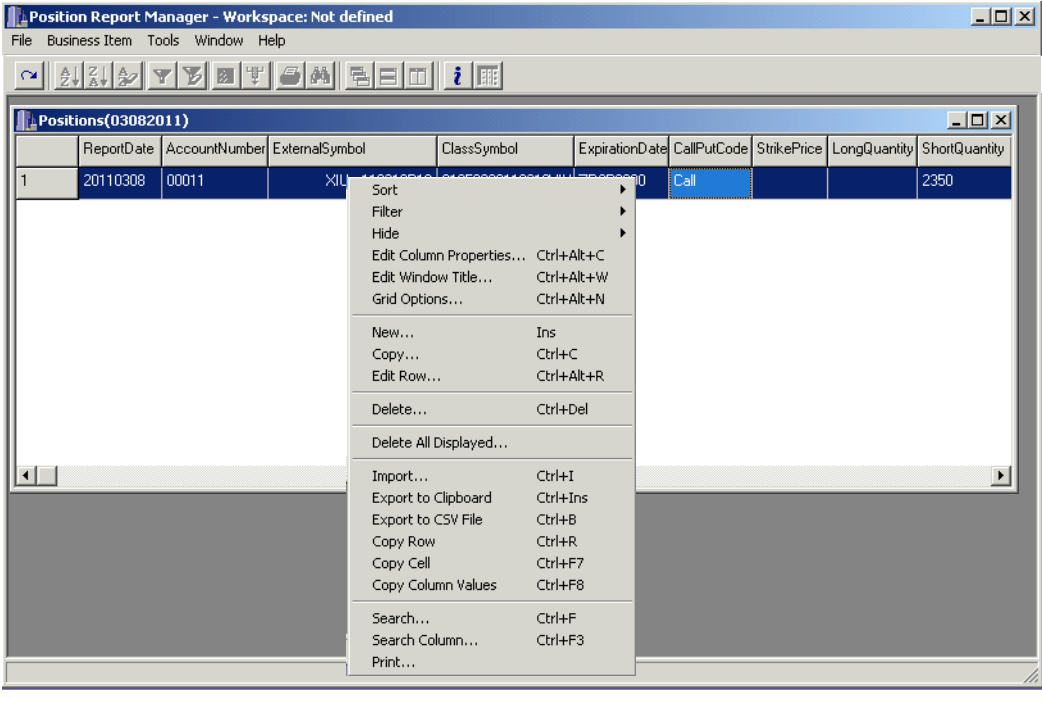
STEPS	DESCRIPTION
3	<p>The All Displayed Record Deletion confirmation window is displayed as shown below. As a precaution to verifying that these four (4) records are to be deleted, the Approved Participant is requested to enter the actual number of records in the Total number of records area.</p> <div data-bbox="451 478 1404 1104" style="border: 1px solid gray; padding: 10px;"><p>All Displayed Record Deletion ✕</p><p>Action Details</p><p>Accounts: All Displayed</p><p>You are about to delete 4 currently displayed accounts. Enter total number of records and press OK button to proceed with the deletion.</p><p>Total number of records : 4</p><p>Total number of records</p><input data-bbox="516 940 987 982" type="text" value="4"/></div> <ul style="list-style-type: none">• Click Yes
	The four (4) records have been deleted from the Accounts Data Window.

Chapter 5 Business Item - Positions

5.1 Opening the Positions Data Window

The Positions Business item enables the Approved Participant to create, modify, and delete Position records. To open the Business Item Positions Data Window, follow the steps below:

STEPS	DESCRIPTION
1	<p>From the Main Menu, select Business Item > Positions as indicated below:</p>  <p>The screenshot shows a window titled "Position Report Manager - Workspace: Not defined". The menu bar includes "File", "Business Item", "Tools", "Window", and "Help". The "Business Item" menu is open, showing "Accounts" and "Positions" (which is highlighted by the mouse). Below "Positions" is the option "No Position to report...".</p>

STEPS	DESCRIPTION																				
	<p>The following Data Window titled Positions X is displayed, where X is the sequential number of the Data Window that has been accessed in the current session:</p>  <p>The screenshot shows the 'Position Report Manager' application window. The title bar reads 'Position Report Manager - Workspace: Not defined'. The menu bar includes 'File', 'Business Item', 'Tools', 'Window', and 'Help'. Below the menu bar is a toolbar with various icons. The main area displays a data window titled 'Positions(03082011)'. This window contains a table with the following data:</p> <table border="1" data-bbox="446 541 1450 611"> <thead> <tr> <th></th> <th>ReportDate</th> <th>AccountNumber</th> <th>ExternalSymbol</th> <th>ClassSymbol</th> <th>ExpirationDate</th> <th>CallPutCode</th> <th>StrikePrice</th> <th>LongQuantity</th> <th>ShortQuantity</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>20110308</td> <td>00011</td> <td>XIU 110319P19</td> <td>01950020110319XIU</td> <td>ZR2P3000</td> <td>Call</td> <td></td> <td></td> <td>2350</td> </tr> </tbody> </table>		ReportDate	AccountNumber	ExternalSymbol	ClassSymbol	ExpirationDate	CallPutCode	StrikePrice	LongQuantity	ShortQuantity	1	20110308	00011	XIU 110319P19	01950020110319XIU	ZR2P3000	Call			2350
	ReportDate	AccountNumber	ExternalSymbol	ClassSymbol	ExpirationDate	CallPutCode	StrikePrice	LongQuantity	ShortQuantity												
1	20110308	00011	XIU 110319P19	01950020110319XIU	ZR2P3000	Call			2350												
2	<p>From within the active Data Window, right-click the mouse to display the following sub-menu:</p>  <p>The screenshot shows the same application window as above, but with a context menu open over the data window. The menu items are:</p> <ul style="list-style-type: none"> Sort Filter Hide Edit Column Properties... Ctrl+Alt+C Edit Window Title... Ctrl+Alt+W Grid Options... Ctrl+Alt+N New... Ins Copy... Ctrl+C Edit Row... Ctrl+Alt+R Delete... Ctrl+Del Delete All Displayed... Import... Ctrl+I Export to Clipboard Ctrl+Ins Export to CSV File Ctrl+B Copy Row Ctrl+R Copy Cell Ctrl+F7 Copy Column Values Ctrl+F8 Search... Ctrl+F Search Column... Ctrl+F3 Print... 																				

STEPS	DESCRIPTION
	The sub-menu above displays all the available functions that that can be performed on Positions records.

5.1.1 Positions Sub-Menu Functionality

After right-clicking the mouse button, a sub-menu with multiple functionality is displayed as shown in the previous section. Available functions are explained as follows:

The top section contains items that can be used to customize Data Windows. They are:

- Sort - sort single or multiple columns
- Filter - filter for specific data
- Hide - hide single or multiple columns
- Edit Column Properties - customize individual columns for heading and layout
- Edit Window Title - change the title of a Data Window
- Grid Options - change overall appearance of the Data Window

For detail information on how to use the above features for customizing the Data Window, refer to [Chapter 8, Data Window Customization](#).

Note: Some of the above items can also be found on the Toolbar for quicker access.

The next section consists of the following items:

- New - Creating a new Position
- Copy - Copy of an existing Position for the purpose of creating a new Account with similar information
- Edit Row - The ability to modify existing information within a previously entered Position
- Delete - Used to delete an existing Position record
- Delete All Displayed...- used to delete multiple records displayed as a result of using the filter

The above functions will all be covered in the following section.

The next section of the sub-menu contains the following functions which are useful not so much in the customization of the Data Window, but more so in working with the contents:

- Import - import .csv data (for more information on this, refer to [Chapter 7, Importing CSV Files](#))
- Export to Clipboard - copy data to the clipboard for other uses
- Export to CSV File - export to a .csv file to be used in a spreadsheet
- Copy Row - copy the contents of a specific row

- Copy Cell - copy the contents of a specific cell
- Copy Column Values - copy the contents of an entire column

For detail information on how to use the above features, refer to [Chapter 8, Data Window Customization](#).

The last section contains the following functions:

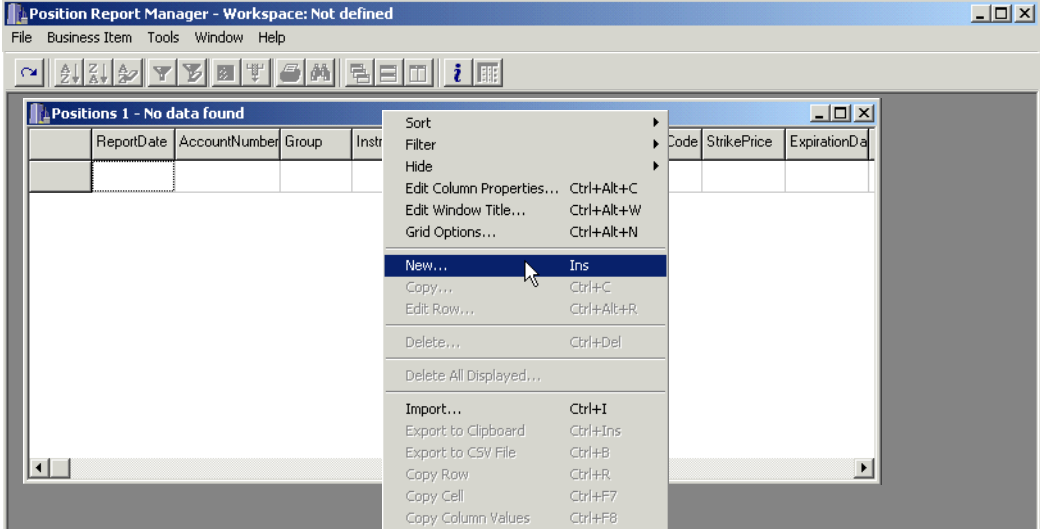
- Search... - search for data within a column
- search Column... - search for a specific column
- Print...- print the contents of a Data Window

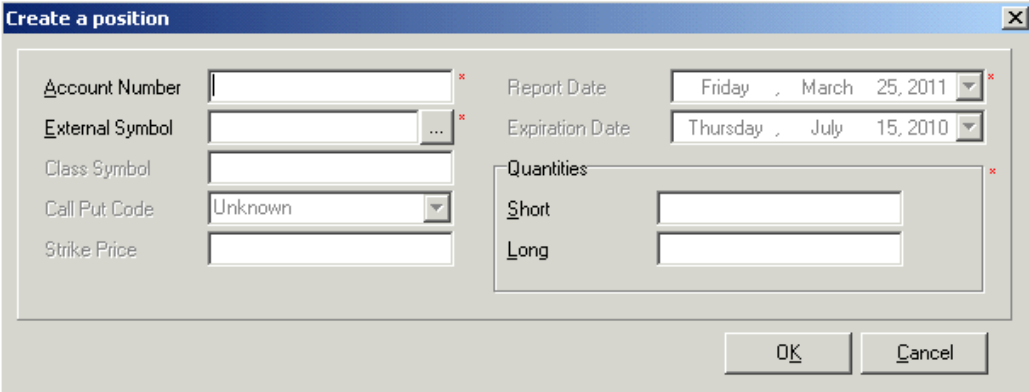
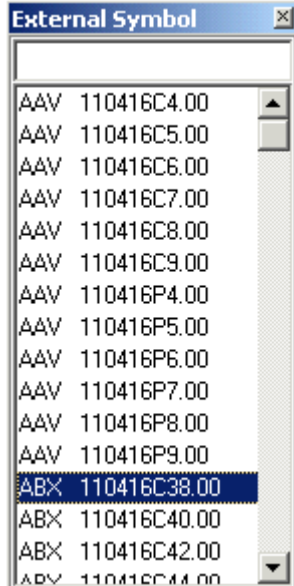
For detail information on how to use the above features, refer to [Chapter 8, Data Window Customization](#)

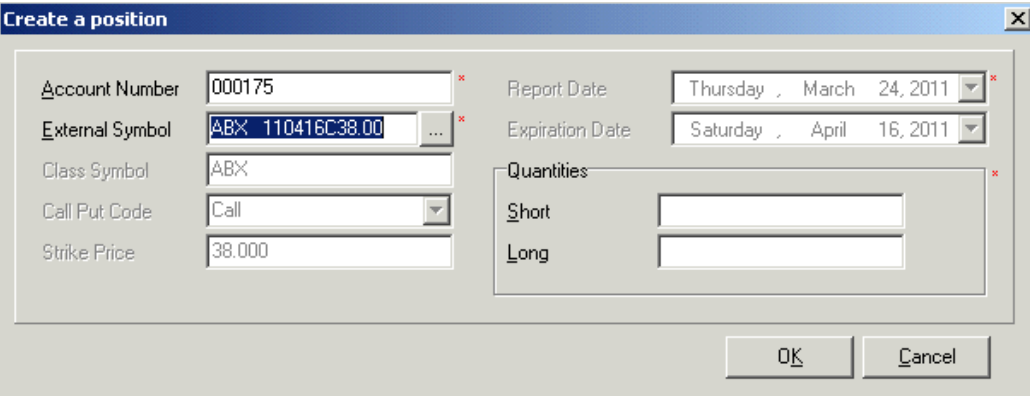
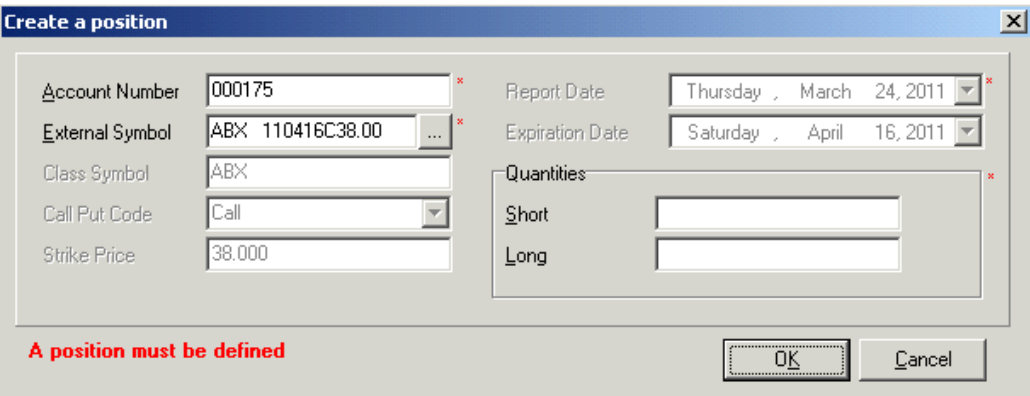
5.2 Working with Positions

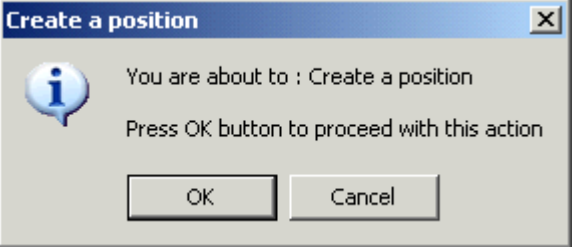
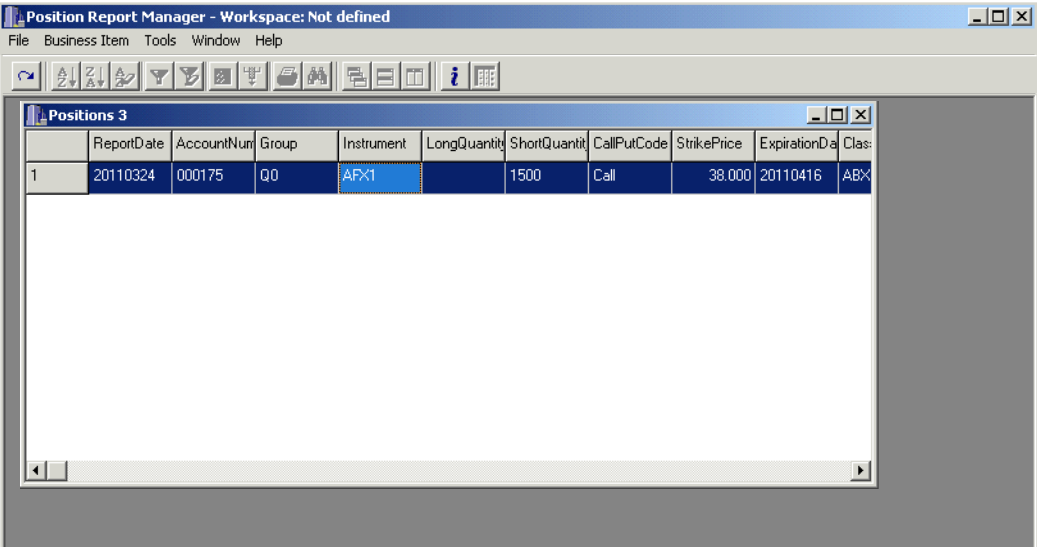
This section will presume that the Position Report Manager application is running and that the Positions Data Window has been opened with the sub-menu displayed. If the Positions Data Window is not open, refer to section [5.1, Opening the Positions Data Window](#).

5.2.1 Creating New Position Records

STEPS	DESCRIPTION
1	<p>With the sub-menu displayed within the Data Window, do either of the following:</p> <ul style="list-style-type: none"> • Select New... • Use the Shortcut Key: Ins  <p>The screenshot shows the 'Position Report Manager - Workspace: Not defined' application window. The 'Positions 1 - No data found' data window is open, displaying a table with columns: ReportDate, AccountNumber, Group, Instr, Code, StrikePrice, and ExpirationDate. A context menu is open over the table, listing various actions such as Sort, Filter, Hide, Edit Column Properties..., Edit Window Title..., Grid Options..., New..., Copy..., Edit Row..., Delete..., Delete All Displayed..., Import..., Export to Clipboard, Export to CSV File, Copy Row, Copy Cell, and Copy Column Values. The 'New...' option is highlighted, and its shortcut key 'Ins' is displayed to the right of the menu item.</p>

STEPS	DESCRIPTION
	<p>The Create a position form is displayed as shown below.</p>  <p>Fill in the form fields as indicated below. For an explanation on the form fields, refer to Chapter 6, Field Types. Note: Fields with a red ** must be filled.</p>
2	<ul style="list-style-type: none"> • Enter an account number in the Account Number field
3	<ul style="list-style-type: none"> • Enter an External Symbol by selecting from the External Symbol drop-down list as indicated below. Note: Double click the External Symbol so that it fills the External Symbol field  <p>Note: After entering the External Symbol, if a change is required, delete the existing data in the External Symbol field, and click the External Symbol drop-down button to see a refreshed list.</p>

STEPS	DESCRIPTION
	<p>Once the External Symbol is entered, the following three fields are automatically filled:</p> <ul style="list-style-type: none"> • Class Symbol • Call Put Code • Strike Price
4	<ul style="list-style-type: none"> • Enter a quantity in the Short (Quantity) field if required¹
5	<ul style="list-style-type: none"> • Enter a quantity in the Long (Quantity) field if required¹
6	<ul style="list-style-type: none"> • The completed Create a position form should resemble the one below. • Click OK 
7	<p>If you have entered incorrect data, an error message will be displayed as indicated in the snippet below:</p>  <p>Note: Neither Long or Short Quantity has been entered</p> <ul style="list-style-type: none"> • Click OK • Correct the problem, and re-submit the Position Record

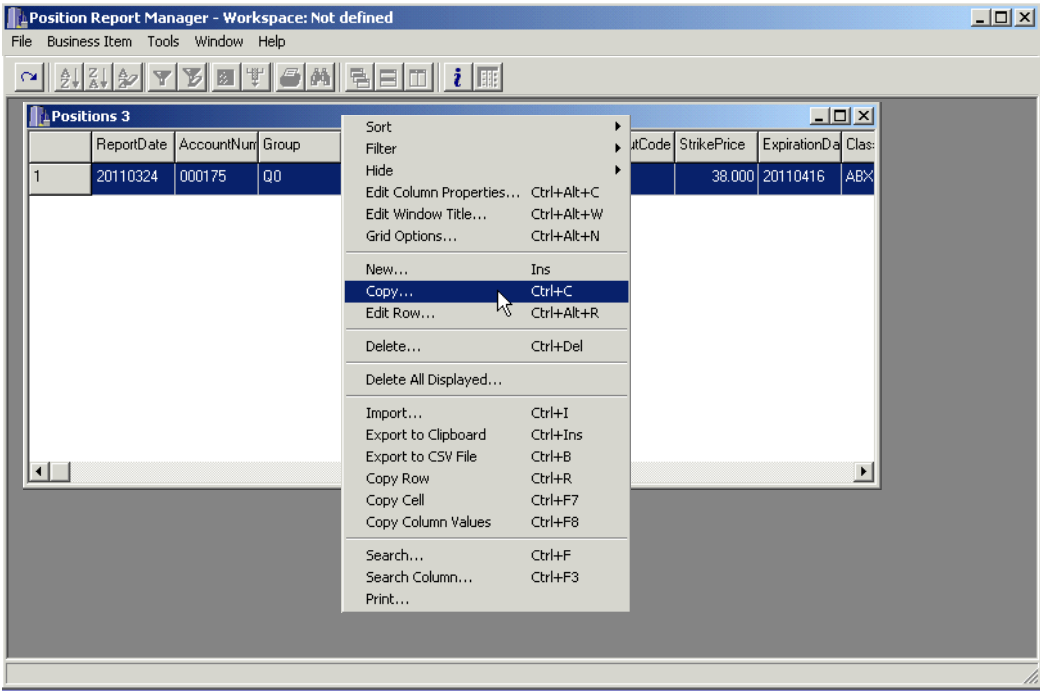
STEPS	DESCRIPTION																				
8	<p>The following Create a position confirmation window is displayed as indicated below.</p>  <p>The screenshot shows a dialog box titled "Create a position" with a close button (X) in the top right corner. On the left is an information icon (i). The text inside reads: "You are about to : Create a position" and "Press OK button to proceed with this action". At the bottom are two buttons: "OK" and "Cancel".</p>																				
	<p>The Positions Data Window shows the result of adding a new record below.</p>  <p>The screenshot shows a window titled "Position Report Manager - Workspace: Not defined" with a menu bar (File, Business Item, Tools, Window, Help) and a toolbar. Below is a table titled "Positions 3".</p> <table border="1"><thead><tr><th>ReportDate</th><th>AccountNum</th><th>Group</th><th>Instrument</th><th>LongQuantity</th><th>ShortQuantity</th><th>CallPutCode</th><th>StrikePrice</th><th>ExpirationDate</th><th>Class</th></tr></thead><tbody><tr><td>20110324</td><td>000175</td><td>00</td><td>APX1</td><td></td><td>1500</td><td>Call</td><td>38.000</td><td>20110416</td><td>ABX</td></tr></tbody></table>	ReportDate	AccountNum	Group	Instrument	LongQuantity	ShortQuantity	CallPutCode	StrikePrice	ExpirationDate	Class	20110324	000175	00	APX1		1500	Call	38.000	20110416	ABX
ReportDate	AccountNum	Group	Instrument	LongQuantity	ShortQuantity	CallPutCode	StrikePrice	ExpirationDate	Class												
20110324	000175	00	APX1		1500	Call	38.000	20110416	ABX												

- 1. Quantity must be positive, and Long and/or Short Quantity must be filled. If both are empty, Position will be rejected

5.2.2 Copying Position Records

This procedure is used as a quick way to create a new position. When an existing record is copied, all field information is displayed. Key fields must be changed before submitting the new record. Those fields which contain data that is the same as the new record can be left as is, therefore saving some time.

To copy an existing record to create a new record, follow the steps below:

STEPS	DESCRIPTION
1	<p>With the sub-menu displayed within the Data Window, do either of the following:</p> <ul style="list-style-type: none"> • Select the Position record to be copied • Select Copy... • Use the Shortcut Key: Ctrl+C 

STEPS	DESCRIPTION																																	
	<p>The Create a position form is displayed as shown below with full details from the copied record.</p> <div data-bbox="438 399 1469 798"></div> <p>Note: At this point, the procedure follows the exact same process as creating a new Position. Refer to section 5.2.1, Creating New Position Records, starting at Step 2 thru Step 8.</p>																																	
	<p>The new Position record will be displayed in the Positions Data Window as shown below.</p> <div data-bbox="438 997 1469 1680"><table border="1"><thead><tr><th></th><th>ReportDate</th><th>AccountNum</th><th>Group</th><th>Instrument</th><th>LongQuantity</th><th>ShortQuantity</th><th>CallPutCode</th><th>StrikePrice</th><th>ExpirationDa</th><th>Clas</th></tr></thead><tbody><tr><td>1</td><td>20110324</td><td>000175</td><td>Q0</td><td>AFX1</td><td></td><td>1500</td><td>Call</td><td>38.000</td><td>20110416</td><td>ABX</td></tr><tr><td>2</td><td>20110324</td><td>000175</td><td>Q0</td><td>AJX1</td><td>2000</td><td></td><td>Call</td><td>42.000</td><td>20110416</td><td>ABX</td></tr></tbody></table></div>		ReportDate	AccountNum	Group	Instrument	LongQuantity	ShortQuantity	CallPutCode	StrikePrice	ExpirationDa	Clas	1	20110324	000175	Q0	AFX1		1500	Call	38.000	20110416	ABX	2	20110324	000175	Q0	AJX1	2000		Call	42.000	20110416	ABX
	ReportDate	AccountNum	Group	Instrument	LongQuantity	ShortQuantity	CallPutCode	StrikePrice	ExpirationDa	Clas																								
1	20110324	000175	Q0	AFX1		1500	Call	38.000	20110416	ABX																								
2	20110324	000175	Q0	AJX1	2000		Call	42.000	20110416	ABX																								

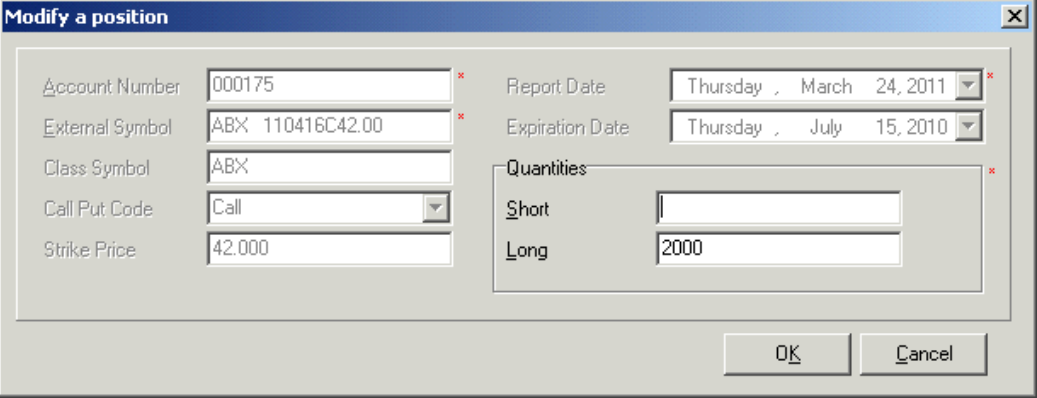
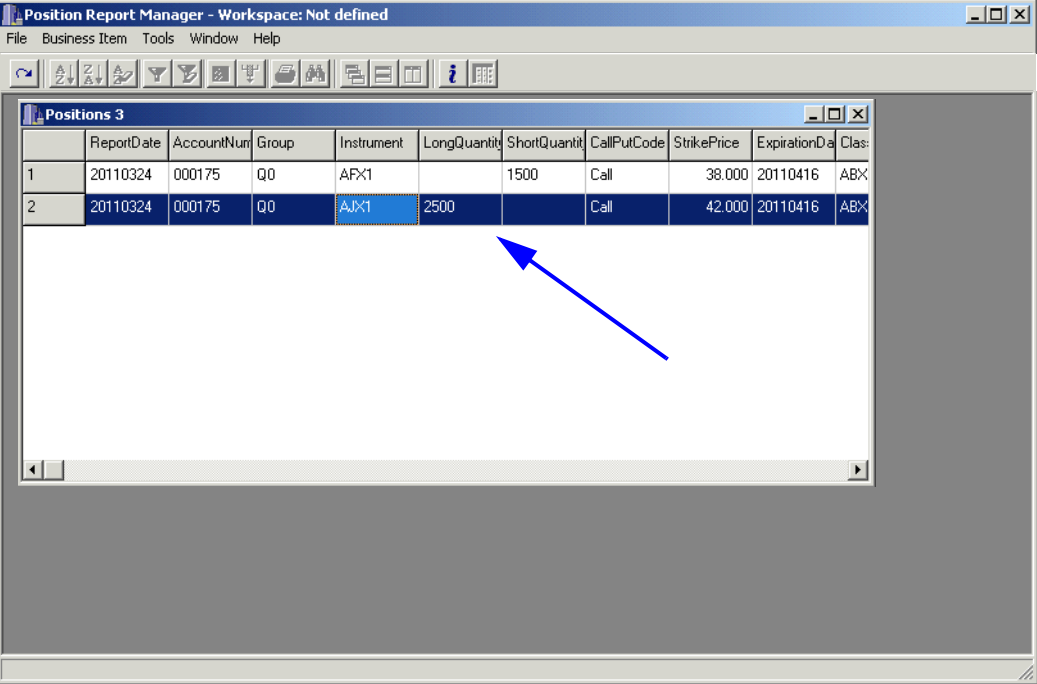
5.2.3 Editing a Position Record

This function enables the Approved Participant to modify a Position record if necessary. The process is the same as if a record were being copied, the exception being no new record will be created, only the existing record will be modified.

Note: The only fields that can be modified are Short and Long Quantities.

To edit an existing record, follow the steps as outlined below.

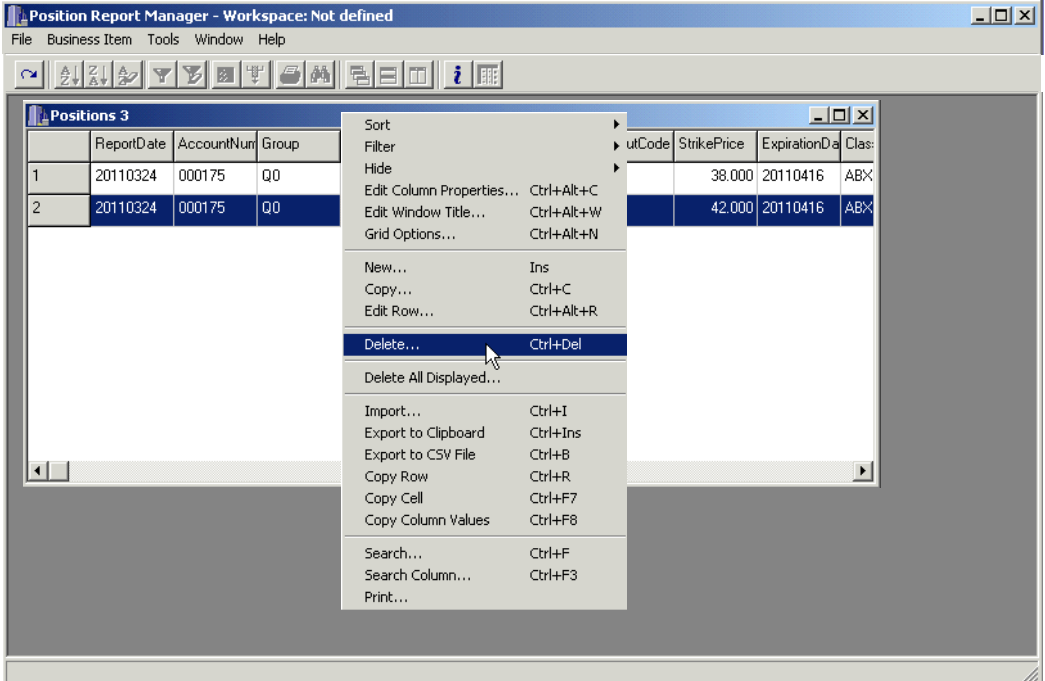
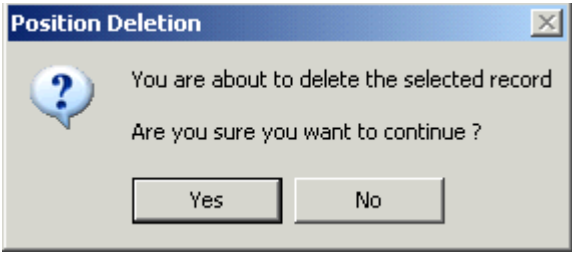
STEPS	DESCRIPTION
1	<p>With the sub-menu displayed within the Data Window, do either of the following:</p> <ul style="list-style-type: none"> • Select the Position record to be modified • Select Edit Row... • Use the Shortcut Key: Ctrl+Alt+R

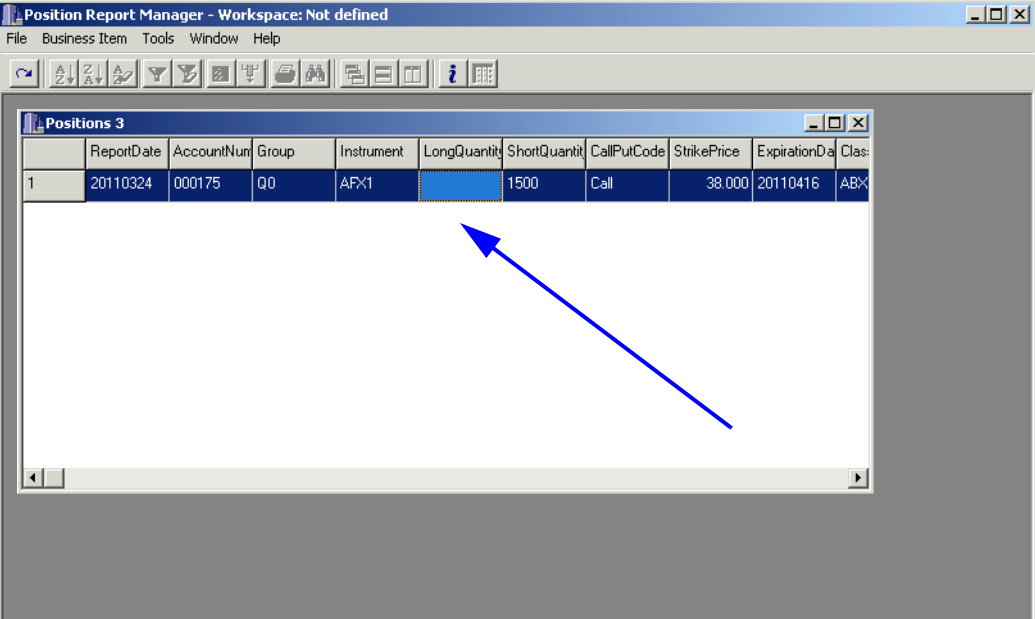
STEPS	DESCRIPTION																																	
	<p>The Modify a position form is displayed as shown below with full details.</p> 																																	
2	<p>As mentioned earlier, the only fields that can be modified are the Short and Long Quantity fields.</p> <ul style="list-style-type: none">• Enter a correct quantity in either the Short or Long Quantity field. <p>Note: In this example the Long Quantity was changed from 2000 to 2500</p> <ul style="list-style-type: none">• Click OK to submit the modification																																	
3	<p>The Positions Data Window now displays the modified Long Quantity as indicated below.</p>  <table border="1" data-bbox="440 1163 1308 1549"><thead><tr><th></th><th>ReportDate</th><th>AccountNum</th><th>Group</th><th>Instrument</th><th>LongQuantity</th><th>ShortQuantity</th><th>CallPutCode</th><th>StrikePrice</th><th>ExpirationDate</th><th>Class</th></tr></thead><tbody><tr><td>1</td><td>20110324</td><td>000175</td><td>Q0</td><td>AFX1</td><td></td><td>1500</td><td>Call</td><td>38.000</td><td>20110416</td><td>ABX</td></tr><tr><td>2</td><td>20110324</td><td>000175</td><td>Q0</td><td>AFX1</td><td>2500</td><td></td><td>Call</td><td>42.000</td><td>20110416</td><td>ABX</td></tr></tbody></table>		ReportDate	AccountNum	Group	Instrument	LongQuantity	ShortQuantity	CallPutCode	StrikePrice	ExpirationDate	Class	1	20110324	000175	Q0	AFX1		1500	Call	38.000	20110416	ABX	2	20110324	000175	Q0	AFX1	2500		Call	42.000	20110416	ABX
	ReportDate	AccountNum	Group	Instrument	LongQuantity	ShortQuantity	CallPutCode	StrikePrice	ExpirationDate	Class																								
1	20110324	000175	Q0	AFX1		1500	Call	38.000	20110416	ABX																								
2	20110324	000175	Q0	AFX1	2500		Call	42.000	20110416	ABX																								

5.3 Deleting a Position Record

On occasion it may be necessary to delete an Position Record. This feature enables the Approved Participant to delete Position records when called for.

To delete an Positon Record, follow the steps as outlined below.

STEPS	DESCRIPTION
1	<p>With the sub-menu displayed within the Data Window, do either of the following:</p> <ul style="list-style-type: none"> • Select the Position record to be deleted • Select Delete... • Use the Shortcut Key: Ctrl+Del 
2	<p>The Position Deletion confirmation widow is displayed as shown below.</p>  <ul style="list-style-type: none"> • Click Yes

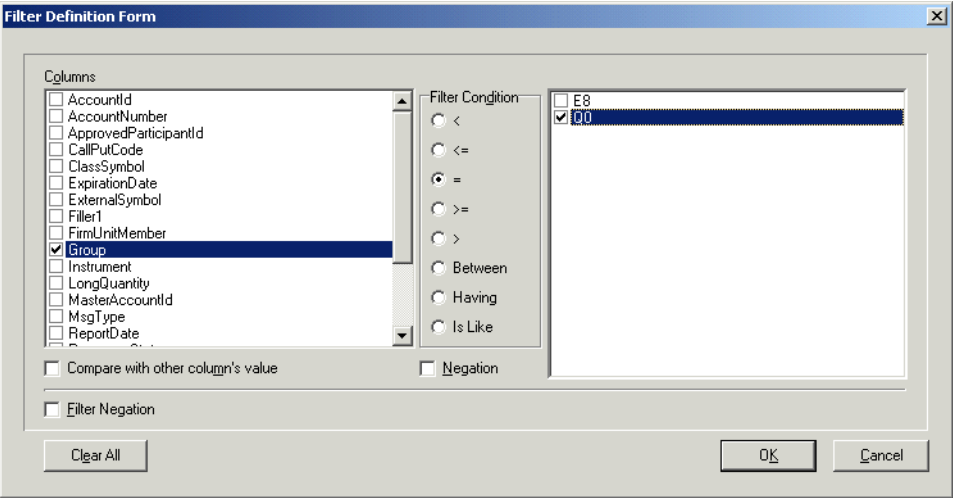
STEPS	DESCRIPTION																				
	<p>The Position Data Window is displayed with the previously selected Position record no longer present as indicated in the illustration below.</p>  <p>The screenshot shows a software window titled "Position Report Manager - Workspace: Not defined". It contains a menu bar (File, Business Item, Tools, Window, Help) and a toolbar. Below the toolbar is a table titled "Positions 3". The table has the following columns: ReportDate, AccountNum, Group, Instrument, LongQuantity, ShortQuantity, CallPutCode, StrikePrice, ExpirationDa, and Clas. The first row of data contains: 1, 20110324, 000175, Q0, APX1, 1500, Call, 38.000, 20110416, and ABX. A blue arrow points to the LongQuantity cell (1500).</p> <table border="1"><thead><tr><th>ReportDate</th><th>AccountNum</th><th>Group</th><th>Instrument</th><th>LongQuantity</th><th>ShortQuantity</th><th>CallPutCode</th><th>StrikePrice</th><th>ExpirationDa</th><th>Clas</th></tr></thead><tbody><tr><td>1</td><td>20110324</td><td>000175</td><td>Q0</td><td>APX1</td><td>1500</td><td>Call</td><td>38.000</td><td>20110416</td><td>ABX</td></tr></tbody></table>	ReportDate	AccountNum	Group	Instrument	LongQuantity	ShortQuantity	CallPutCode	StrikePrice	ExpirationDa	Clas	1	20110324	000175	Q0	APX1	1500	Call	38.000	20110416	ABX
ReportDate	AccountNum	Group	Instrument	LongQuantity	ShortQuantity	CallPutCode	StrikePrice	ExpirationDa	Clas												
1	20110324	000175	Q0	APX1	1500	Call	38.000	20110416	ABX												

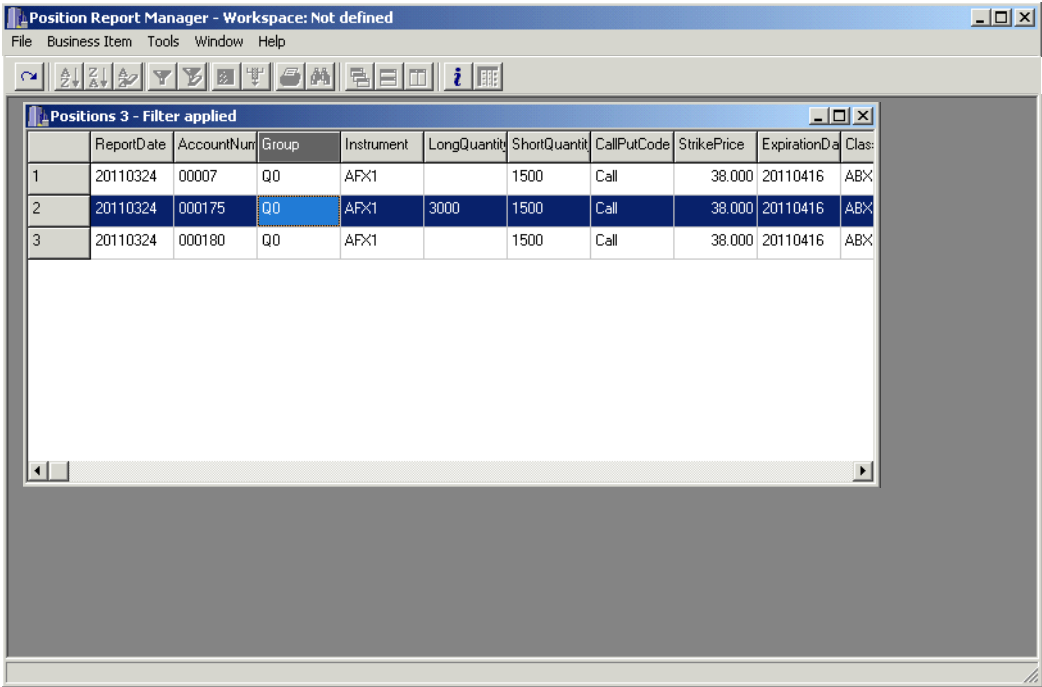
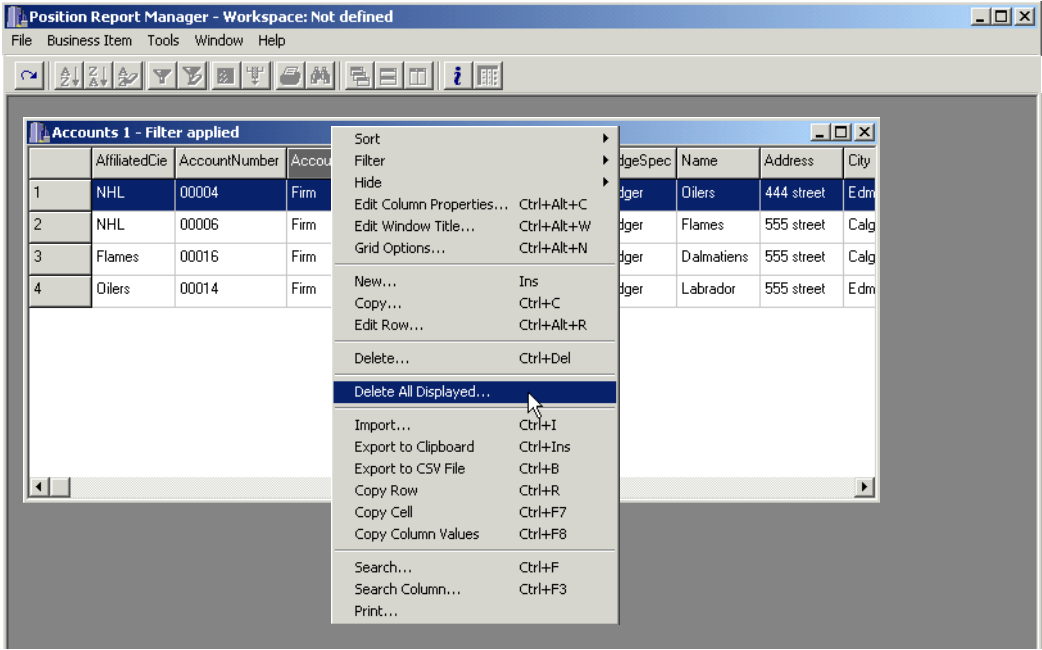
5.4 Deleting All Displayed Records

The Delete feature enables the deletion of one record at a time. Depending on the number of records there are to delete, this could be time consuming. The Delete All Displayed feature enables the Approved Participant to display a group of records that will be deleted by using the 'Filter' function in either the sub-menu, or within the main menu item 'Tools'.

For information on how to use the Filter on Data Window records , refer to section 8.3, Filter, in Chapter 8, Data Window Customization.

To delete multiple records at the same time, follow the steps as outlined below.

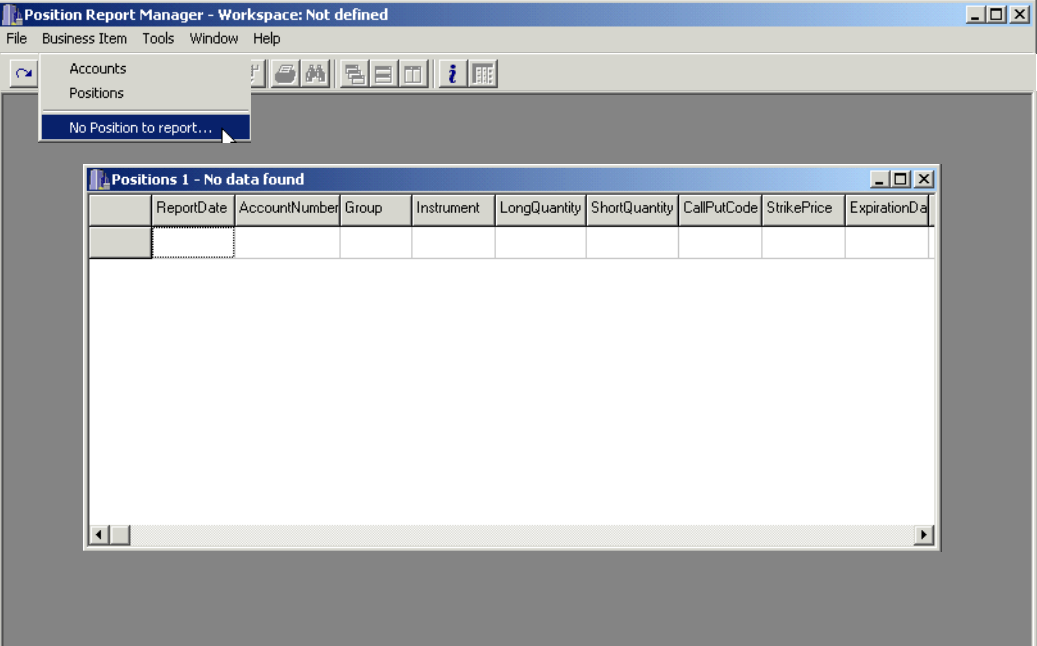
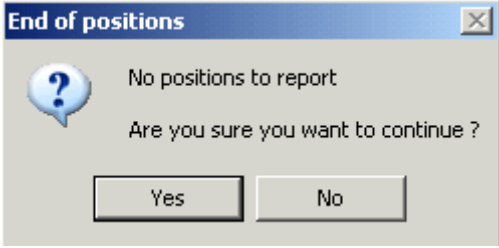
STEPS	DESCRIPTION
1	<p>From the active Data Window, do either of the following:</p> <ul style="list-style-type: none"> • Right-click to display the sub-menu and select Filter > Filter Selection • From the Main Menu, select Tools > Filter > Filter Selection • Use the Shortcut Key: Ctrl+Alt+F <p>The Filter Definition Form is displayed.</p> <p>At this point refer to section 8.3, Filter for details on how to fill out the Filter Definition Form.</p> <p>Note: In this example, all 'Q0' within Groups have been filtered out.</p> <p>The completed Filter Definition Form is shown below.</p>  <ul style="list-style-type: none"> • Click OK


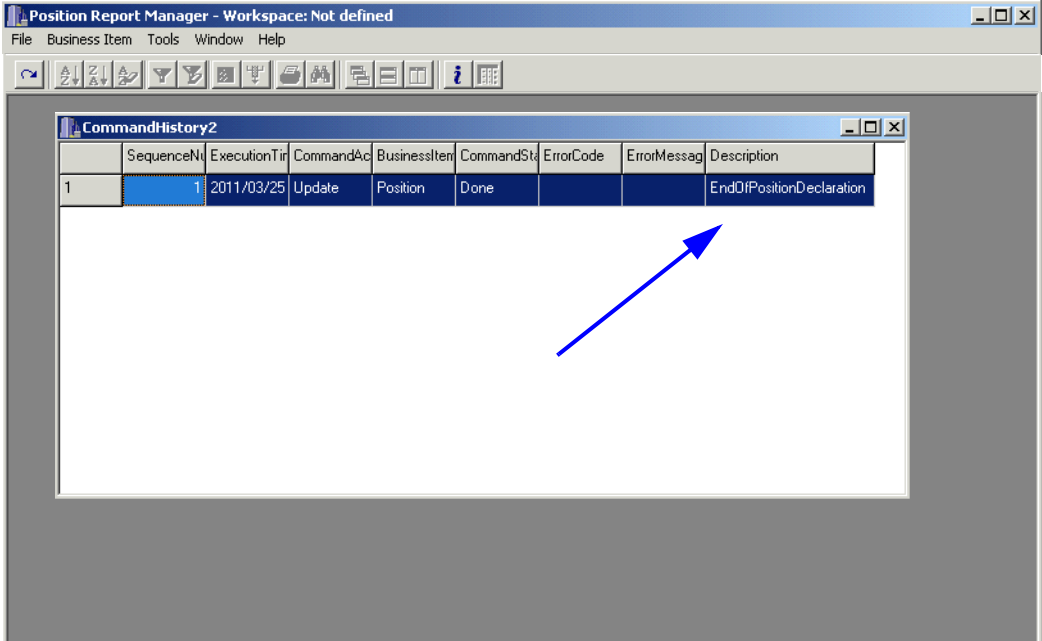
STEPS	DESCRIPTION
	<p>The selected Position Records for the Group 'Q0' are now displayed below.</p>  <p>The above three (3) records will now be deleted.</p>
2	<ul style="list-style-type: none">• Right-click in the Accounts Data Window and select Delete All Displayed... as shown below. 

STEPS	DESCRIPTION
3	<p>The All Displayed Record Deletion confirmation widow is displayed as shown below. As a precaution to verifying that these three (3) records are to be deleted, the Approved Participant is requested to enter the actual number of records in the Total number of records area.</p> <div data-bbox="451 472 1360 1066" style="border: 1px solid gray; padding: 10px; margin: 10px auto; width: fit-content;"> <p>All Displayed Record Deletion ✕</p> <hr/> <p>Action Details</p> <p>Positions: All Displayed</p> <p>You are about to delete 3 currently displayed positions. Enter total number of records and press OK button to proceed with the deletion.</p> <p>Total number of records : 3</p> <hr/> <p>Total number of records</p> <input data-bbox="516 913 961 951" type="text" value="3"/> <div style="text-align: right; margin-top: 10px;"> <input data-bbox="1045 991 1170 1031" type="button" value="OK"/> <input data-bbox="1198 991 1323 1031" type="button" value="Cancel"/> </div> </div> <ul style="list-style-type: none"> • Click Yes
	<p>The four (4) records have been deleted from the Accounts Data Window.</p>

5.5 No Positions to Report

Should an Approved Participant have no positions to report on a given day, they must still submit this fact to MX-R. To do this, follow the steps as outlined below.

STEPS	DESCRIPTION																		
1	<p>From the active Data Window, do the following:</p> <ul style="list-style-type: none">• Select Business Items > No Position to report... as shown below.  <table border="1" data-bbox="521 743 1373 1125"><thead><tr><th>ReportDate</th><th>AccountNumber</th><th>Group</th><th>Instrument</th><th>LongQuantity</th><th>ShortQuantity</th><th>CallPutCode</th><th>StrikePrice</th><th>ExpirationDa</th></tr></thead><tbody><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr></tbody></table>	ReportDate	AccountNumber	Group	Instrument	LongQuantity	ShortQuantity	CallPutCode	StrikePrice	ExpirationDa									
ReportDate	AccountNumber	Group	Instrument	LongQuantity	ShortQuantity	CallPutCode	StrikePrice	ExpirationDa											
	<p>The End of positions confirmation window is now displayed below.</p>  <ul style="list-style-type: none">• Click Yes																		

STEPS	DESCRIPTION																
2	<p>To view the result of declaring no positions, the Command History Data Window can be displayed below by selecting the:</p> <ul style="list-style-type: none"> • Command History icon  <p>The Command History Data Window is displayed indicating an EndOfPositionDeclaration as follows:</p>  <p>The screenshot shows a window titled "Position Report Manager - Workspace: Not defined" with a menu bar (File, Business Item, Tools, Window, Help) and a toolbar. Below it is a window titled "CommandHistory2" containing a table with the following data:</p> <table border="1"> <thead> <tr> <th>SequenceNum</th> <th>ExecutionTime</th> <th>CommandAction</th> <th>BusinessItem</th> <th>CommandStatus</th> <th>ErrorCode</th> <th>ErrorMessage</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2011/03/25</td> <td>Update</td> <td>Position</td> <td>Done</td> <td></td> <td></td> <td>EndOfPositionDeclaration</td> </tr> </tbody> </table>	SequenceNum	ExecutionTime	CommandAction	BusinessItem	CommandStatus	ErrorCode	ErrorMessage	Description	1	2011/03/25	Update	Position	Done			EndOfPositionDeclaration
SequenceNum	ExecutionTime	CommandAction	BusinessItem	CommandStatus	ErrorCode	ErrorMessage	Description										
1	2011/03/25	Update	Position	Done			EndOfPositionDeclaration										

Chapter 6 Field Types

The following tables display the format, length, and description for each field type. value lists (Enum) are also listed within the Description column.

Under the Format column note that:

- A = Alphabetic
- N = Numeric
- X = Alphanumeric

6.1 Account Data Fields

FIELD NAME	FORMAT	LGTH	DESCRIPTION
Affiliated Cie	X	24	If the Account Owner has affiliations to a company, the company name is indicated.
Account Number	X	16	Account number of the owner at the Approved Participant system.
Account Type	X	1	Type of account (for Account Type definitions, refer to B.3, Account Types on page 104) Acceptable values are: 1 = Client 2 = Firm 8 = Market Maker 3 = Omnibus 4 = Professional

FIELD NAME	FORMAT	LGTH	DESCRIPTION
Account Owner Type	A	1	Type of owner (for Owner Type definitions, refer to B.2, Account Owner Types on page 103) Allowable Values are: A = Canadian Bank B = Foreign Bank C = Canadian Broker D = Foreign Broker E = Fund Manager F = Pension Fund G = Government and State Owned Companies H = Retail Client I = Insurance Company J = Miscellaneous K = Hedge Funds L = Mutual Funds M = Commodity Trading Advisor (CTA) N = Corporate O = Proprietary Trading Firms Primarily Algorithmic P = Proprietary Trading Firms Local
Owner Id	X	24	Account Owner's unique identification. Refer to B.5, Account Owner ID on page 105
Hedge Spec	A	1	Acceptable values are: H = Hedger S = Speculator Note: Default value is 'S'.
Name	A	25	Account Owner Name Refer to B.4, Account Ownership on page 105
Address	X	48	Account Owner Address
City	A	24	Account Owner City
State	A	24	Account Owner State
Zip Postal Code	X	12	Account Owner Zip or Postal Code
Phone	N	24	Account Owner Phone Number
Fax	N	24	Account Owner Fax Number
Email	X	48	Account Owner Email Address
Country Code	X	2	Account Owner Country Code

6.2 Position Data Fields

FIELD NAME	FORMAT	LGTH	DESCRIPTION
Report Date	N	8	Acceptable format: YYYYMMDD (year, month, day)
Account Number	X	16	Account number of the owner at the Approved Participant system.
External Symbol	X	30	Identification of a SOLA Instrument by MX. Optional - Can be filled if known Note: If External Symbol is known and filled, the ClassSymbol, ExpirationDate, CallPutCode, and StrikePrice will be ignored.
Class Symbol	X	20	Symbol for all series of an Option or Ticker Symbol for a Future
Expiration Date	N	8	Acceptable format: YYYYMMDD (year, month, day)
Call Put Code ¹	A	4	Acceptable values are: C or Call P or Put Note: Either a single letter or the full word will be accepted.
Strike Price ¹	X	10	Price format up to 3 decimals. Example: 12.875
Long Quantity ²	N	8	Number of contracts or shares.
Short Quantity ²	N	8	Number of contracts or shares.

1. Required for Options, optional for Futures

2. Quantity must be positive, Long and/or Short Quantity must be filled. If both are empty, Position will be rejected

Chapter 7 Importing CSV Files

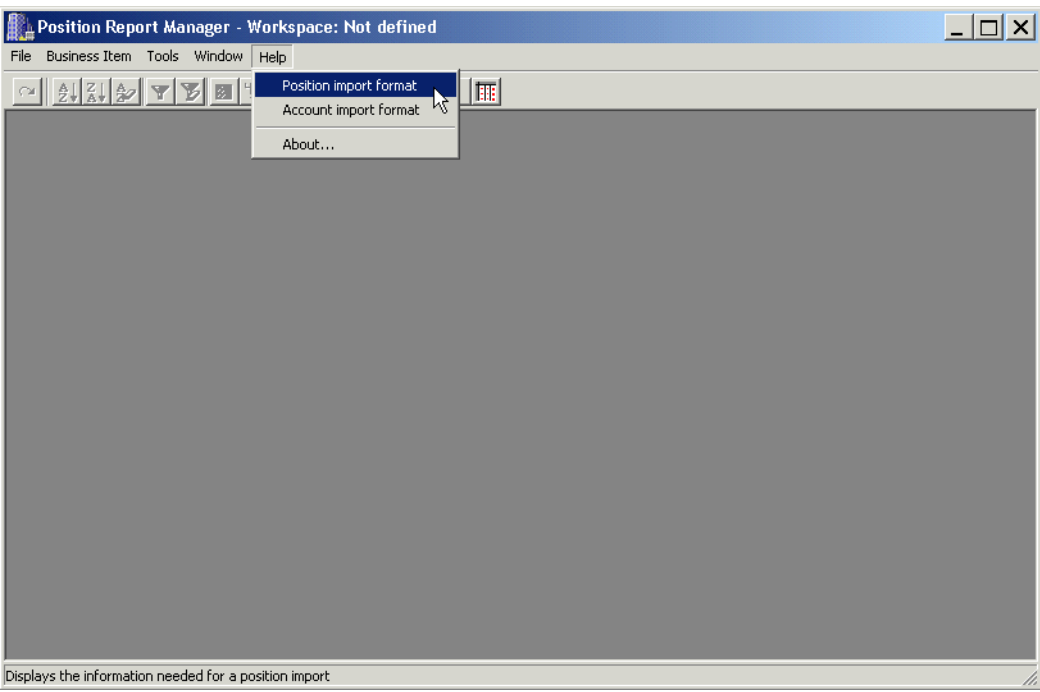
When there are a large number of entries to be entered, it is possible to import a file in the Comma Separated Value (CSV) format, which contains all necessary data fields in their correct order, instead of entering individual entries one at a time using the 'New' or 'Copy' functions from the sub-menu of the respective **Positions** and **Accounts** Data Window.

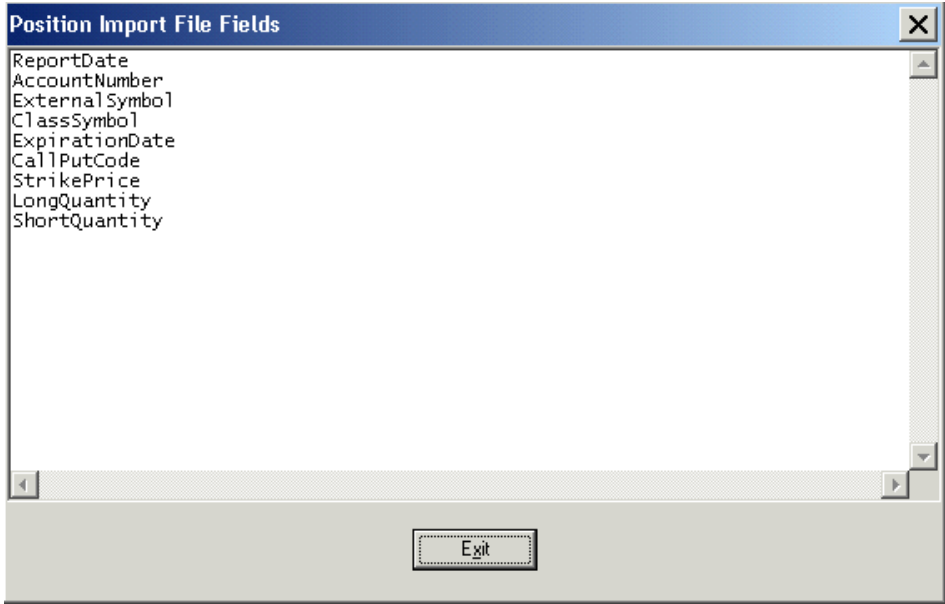
7.1 Viewing Import Formats

It is possible to view the format of the import file which will contain the data fields and their correct order for either the Position or Account records.

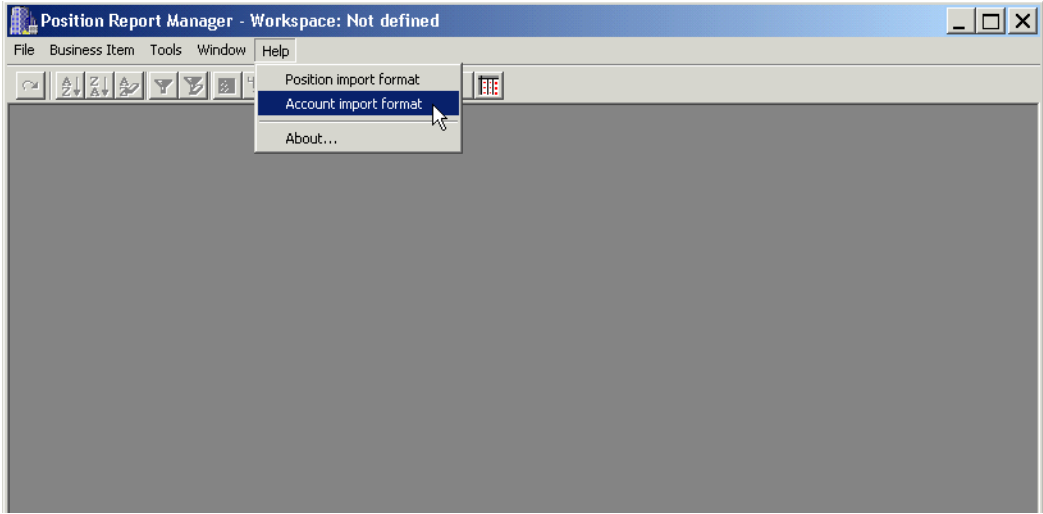
For detail information on how to create a .csv file for either Positions or Accounts, refer to section [7.3, CSV Record Layouts](#).

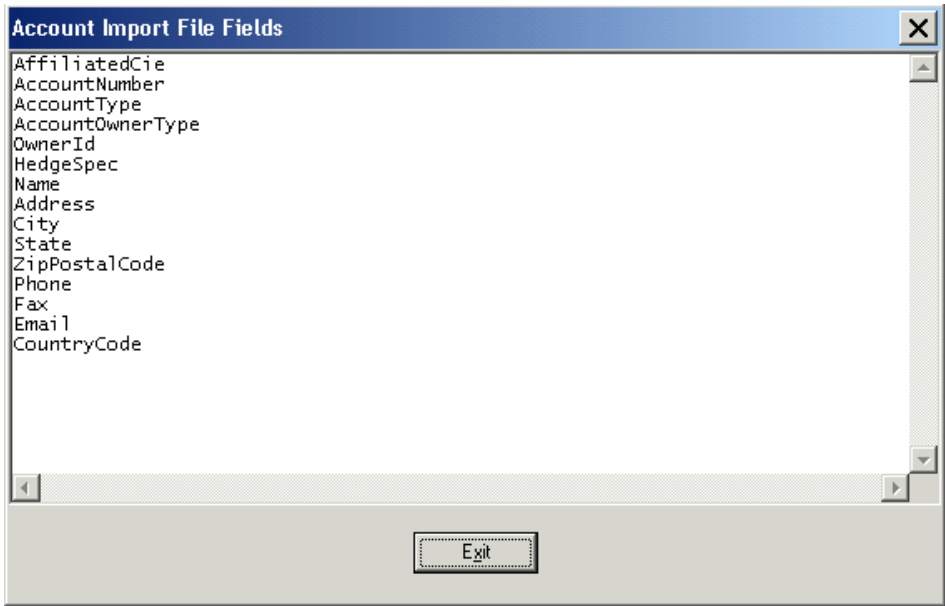
To view the data fields in the **Position** .csv file, do the following.

STEPS	DESCRIPTION
1	<p>From the Main Menu, select Help > Position import format as shown below:</p>  <p>The screenshot shows a window titled "Position Report Manager - Workspace: Not defined". The menu bar includes "File", "Business Item", "Tools", "Window", and "Help". The "Help" menu is open, showing three options: "Position import format" (highlighted), "Account import format", and "About...". The main workspace area is currently empty. At the bottom of the window, a status bar reads "Displays the information needed for a position import".</p>

STEPS	DESCRIPTION
2	<p>The Position Import File Fields window appears displaying all the data fields and their correct order in the Position .csv file.</p> <ul style="list-style-type: none"> Review and click Exit. 

To view the data fields in the **Account** .csv file, do the following.

STEPS	DESCRIPTION
1	<p>From the Main Menu, select Help > Account import format as shown below:</p> 

STEPS	DESCRIPTION
2	<p>The Account Import File Fields window appears displaying all the data fields and their correct order in the Accounts.csv file.</p> <ul style="list-style-type: none"> Review and click Exit. 

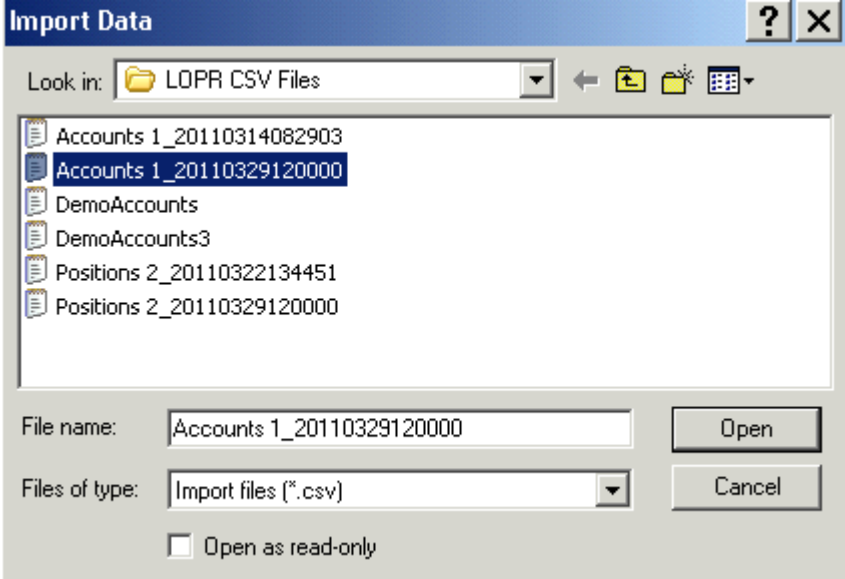
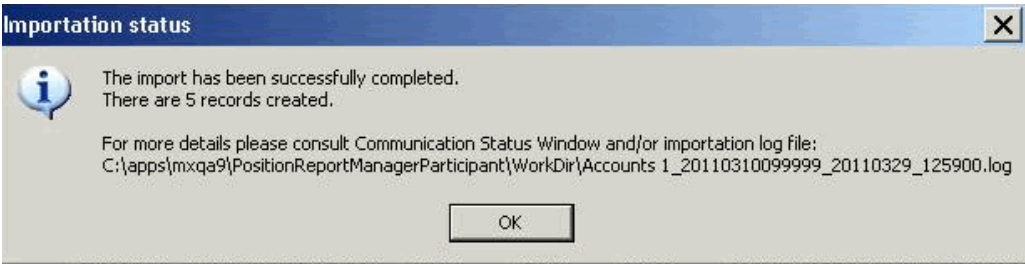
7.2 Importing Files in .csv Format

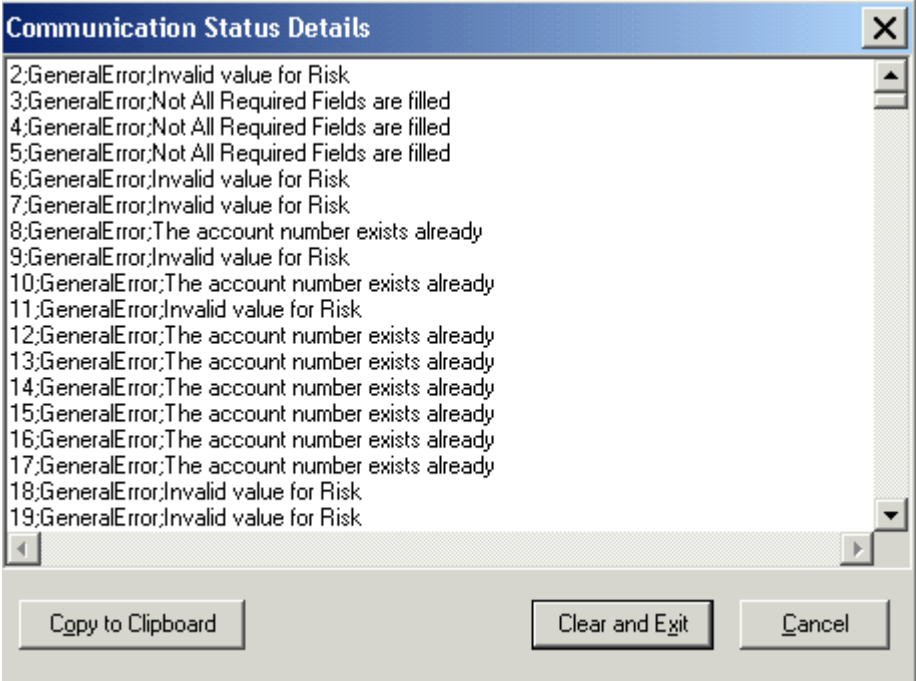
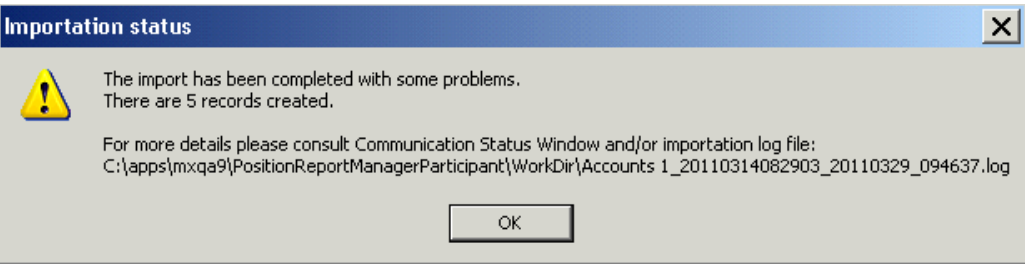
To import a text file in .csv format into the Position Report Manager for Accounts and Positions, follow the instructions given below.

STEPS	DESCRIPTION
1	<p>In the Accounts or Position Data Window, do the following:</p> <ul style="list-style-type: none"> Right-click and select Import from the pop-up menu

The screenshot shows the 'Position Report Manager' application window. The title bar reads 'Position Report Manager - Workspace: Not defined - [Accounts 2]'. The menu bar includes 'File', 'Business Item', 'Tools', 'Window', and 'Help'. A toolbar with various icons is visible below the menu bar. The main area contains a table with columns: 'AffiliatedCie', 'AccountNum', 'AccountType', 'AccountOwr', 'OwnerId', 'HedgeSpec', 'Name', 'Address', 'City', 'State', 'ZipPostalCod', and 'Phone'. The table lists 15 rows of data. A right-click context menu is open over the first row (AccountNum: 00007), with the 'Import...' option highlighted. The menu also includes options like 'Sort', 'Filter', 'Hide', 'Edit Column Properties...', 'Edit Window Title...', 'Grid Options...', 'New...', 'Copy...', 'Delete...', and 'Export to CSV File'.

	AffiliatedCie	AccountNum	AccountType	AccountOwr	OwnerId	HedgeSpec	Name	Address	City	State	ZipPostalCod	Phone
1	Football	00007					ers	261 street	chicago	quebec	445454	
2	Football	00001					egades	261 street	boston	quebec	487845	
3	NHL	00002					adians	156 street	montreal	quebec	k8v 9v9	514-87
4	NHL	00003					eLeafs	777 street	toronto	ontario	j8v8s9	514-87
5	NHL	00005					ucks	555 street	Vancouver	BC	6v68e9	514-87
6	Canadians	00012					Dogs	156 street	hamilton	quebec	k8v 9v9	514-87
7	Pittsburgh	00008					guins	9999 street	Pittsburgh	dsjalfk	jkdsklaj	514-87
8	San Jose	00009					ks	1010 street	Pittsburgh	dsjalfk	jkdsklaj	514-87
9	Philadelphia	00010					s	1110 street	Philaderphia	dsjalfk	jkdsklaj	514-87
10	New York	00011					gers	1111 street	New York	dsjalfk	jkdsklaj	514-87
11	Ottawa	00013					tors	3333 street	Ottawa	ontario	jkdsklaj	514-87
12	Philadelphia	00015					s	555 street	Philadelphia	ontario	jkdsklaj	514-87
13	Winnipeg	00018						1818 street	Winnipeg	Manitoba	jkdsklaj	514-87
14	BNK	000175					l Bank	179 Some St	Somewhere	Quebec	J6J2B3	514-76
15	HLDG	000180					l Broker	5555 Anothe	Someplace	Quebec	Y4H6T8	514-76

STEPS	DESCRIPTION
2	<p>The Import Data window appears, as shown below, enabling you to select the .csv import file you want to import.</p> <p>Do the following:</p> <ul style="list-style-type: none"> • Locate and open the folder in which the file is stored • Select the file • Click Open 
3	<p>Once the application has completed the import process, a log window called Importation Status appears displaying the results of the import. If the import has been successful, the window displays a message similar to the one shown below.</p> <ul style="list-style-type: none"> • Click OK 

STEPS	DESCRIPTION
4	<p>If errors have been encountered during import, the Communication Status Details window displays error messages similar to those shown below:</p> <ul style="list-style-type: none"> • Click OK • Click Copy to Clipboard to copy the list of errors to another application such as Word • Click Clear and Exit 
5	<p>The Importation status screen appears stating that the import has been completed with some problems and identifies the importation log file to consult for more details.</p> <ul style="list-style-type: none"> • Click OK. 

7.3 CSV Record Layouts

The following tables define the Comma Separated Values (CSV) that are required for import into the Position Report Manager for both the Account Record and the Position Record.

Note: Fields must be separated by the semi-colon (;) character.

Not all fields are mandatory. That being the case, the following legend will be used for the Req./Opt. column:

- R = Required
- O = Optional

For the FMT column, the following legend will be used:

- A = Alphabetic
- N = Numeric (digits 0 thru 9)
- X = Alphanumeric

Note: The header line is mandatory, and must appear as the first line in the .csv file(s) for import of both the accounts and positions records. Refer to section [7.4, Header Samples](#) for examples of the header line.

7.3.1 Account Record

ACCOUNT DATA	FMT	MAX.LGTH	REQ/OPT
AffiliatedCie	X	24	O
AccountNumber	X	16	R
AccountType	N	1	R
AccountOwnerType	A	1	R
OwnerId	X	24	R
HedgeSpec	A	1	R
Name	A	25	R
Address	X	48	R
City	A	24	R
State	A	24	R
ZipPostalCode	X	12	R
Phone	N	24	O
Fax	N	24	O
Email	X	48	O
CountryCode	X	2	R

7.3.2 Position Record

POSITION DATA	FMT	MAX.LGTH	REQ/OPT
ReportDate	N	8	R
AccountNumber	X	16	R
ExternalSymbol	X	30	O
ClassSymbol	X	20	R
ExpirationDate	N	8	R
CallPutCode	A	4	R ¹
StrikePrice	X	10	R ¹
LongQuantity	N	8	R ²
ShortQuantity	N	8	R ²

1. Required for Options, optional for Futures
2. Quantity must be positive, and Long and/or Short Quantity must be filled. If both are empty, Position will be rejected.

7.4 Header Samples

7.4.1 Account Record Header

The following is an example of the Account Record Header:

```
AffiliatedCie;AccountNumber;AccountType;AccountOwnerType;OwnerId;HedgeSpec;Name;Address;City;State;ZipPostalCode;Phone;Fax;Email;CountryCode  
Aff;BG1002003;1;E;12345654321;S;Bob Gauthier;1234 Oak Street;Montreal;Quebec;H1H 2O2;5555555555;6666666666;bgauthier@bg.com;CA
```

7.4.2 Position Record Header

The following is an example of the Position Record Header:

```
ReportDate;AccountNumber;ExternalSymbol;ClassSymbol;ExpirationDate;CallPutCode;StrikePrice;LongQuantity;ShortQuantity;  
20110228;BG1002003;;ABX;20110122;Call;38.00;275;;
```


Chapter 8 Data Window Customization

8.1 Introduction

This section explains the various functions that are available to a user for the purpose of customizing a Data Window in an effort to facilitate information tracking.

When viewing the contents of a Data Window, the user uses the horizontal scroll bar at the bottom of the window to scroll across the columns searching for specific information. With the amount of information being viewed, it is not uncommon for specific information to leave the window, resulting in the user having to scroll again to find it. The user uses the vertical scroll bar on the right side of the window to search for and view information within a specific column.

The Main Menu item 'Tools' contains a number of functions that will enable users to customize a Data Window to their own specific requirements. These functions along with additional functions are also available by:

- Right-clicking from within an active Data Window to display the sub-menu
- Selecting the appropriate 'Icon' from the ToolBar

The table below lists the functions along with a brief description, that are available from within the Main Menu item **Tools**, as an Icon on the **ToolBar**, or from the Data Window **sub-menu**:

Note: The description for some features are self contained within the table and do not have further detail. Those features in 'blue' contain a link to a more detailed description.

FEATURE	DESCRIPTION
Sort	Enables the user to sort a single column in either ascending or descending order, or perform a complex sort using multiple columns.
Filter	Enables the user to filter information pertaining to the selected cell. For example, clicking within a cell under the column Product Type, with the contents indicating 'Bond', then by selecting the Filter option, only data for Bond records will be displayed. The Filter Criteria selection enables the user to use more than one field type to select specific filter criteria.
Hide	Enables the user to quickly 'Hide' a column by not displaying it, or to hide multiple columns as required.

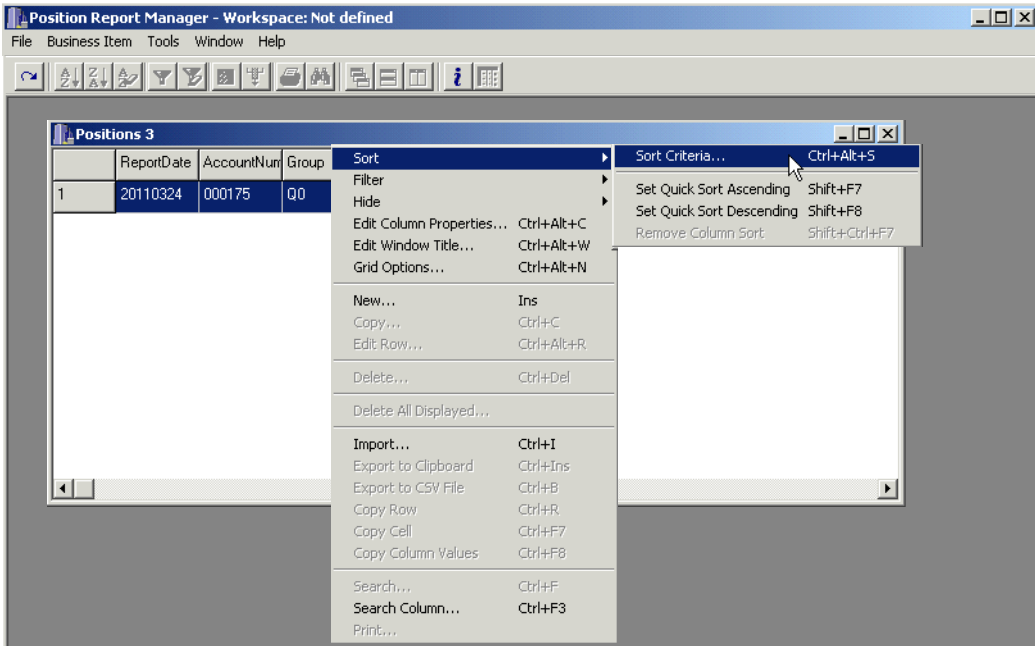
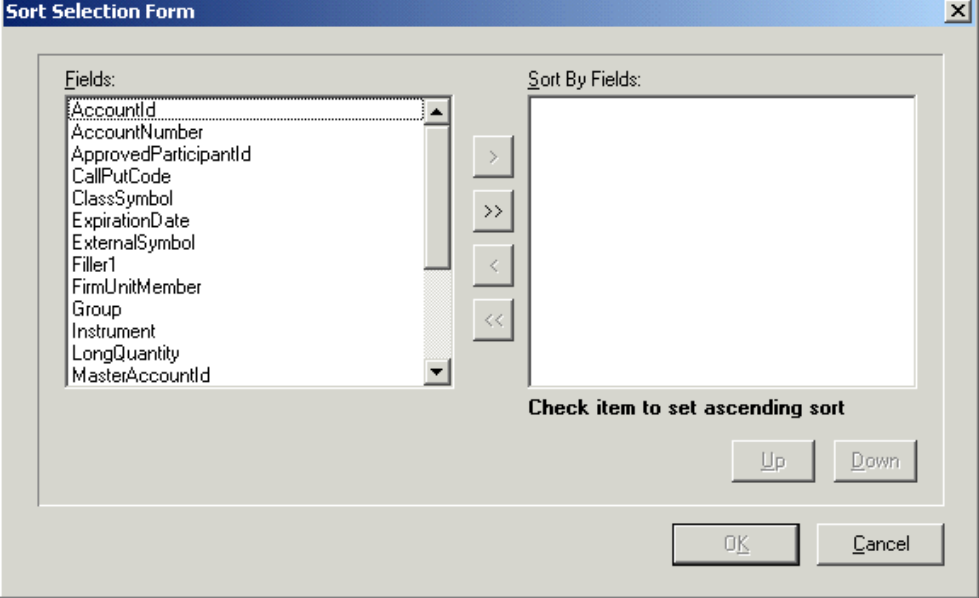
FEATURE	DESCRIPTION
Edit Column Properties	Column titles that appear on the data window are quite often truncated to minimize space. In some cases the user must 'lock onto' the cell border and stretch the column to display the full title. To alleviate this, the user can change the name of the column title to a more meaningful name. Additionally, both the colour of the column background and the font colour can be changed, to either bring attention to new data as the window is updated, or to make searching for a particular column easier.
Editing Window Title	Enables the user to change the title of a Data window from the sequential number that is assigned to the window to a more meaningful name.
Grid Options	Note: This feature is not available to the Position Report Manager.
Import	Enables the user to import a .csv file directly into the Data Window. For more information on this topic, refer to Chapter 7 Importing CSV Files
Exporting to Clipboard	Enables the user to export the contents of the Data Window to the clipboard, where it can be pasted into another application for further use.
Export to CSV File	Enables the user to export the contents of the Data Window in a CSV (Comma Separator Value) format, where it can be opened within another application such as Excel, for further use. The file is exported to the working directory set up for the Approved Participant
Copy Row	Copies the contents of an entire row.
Copy Cell	Copies the contents of a single cell.
Copy Column Values	Copies the values within a column.
Search	Enable the user to search specific content within a selected column.
Search Column	Enable the user to search for a specific column.
Print	Enables users to print the contents of a Data window.

8.2 Sort

Sorting allows you to sort information within a Business Item window. This option can be used for locating specific Accounts or Positions, or Positions within a specific Account.

To sort data within a Business Item window, follow the instructions given below.

STEPS	DESCRIPTION
1	From within an active Data Window, do either of the following: <ul style="list-style-type: none"> • Right-click the mouse button and select Sort > Sort Criteria as shown below. • From the Main Menu item Tools, select Sort > Sort Criteria • Use the Shortcut Keys: Ctrl+Alt+S

STEPS	DESCRIPTION
	 <p>The screenshot shows the 'Position Report Manager' application window. A data table titled 'Positions 3' is visible with columns: ReportDate, AccountNum, and Group. The 'Sort' menu is open, and the 'Sort Criteria...' option is selected, showing a sub-menu with options: 'Set Quick Sort Ascending' (Shift+F7), 'Set Quick Sort Descending' (Shift+F8), and 'Remove Column Sort' (Shift+Ctrl+F7).</p>
2	The following Sort Selection Form will appear.
	 <p>The 'Sort Selection Form' dialog box is shown. It features a list of fields on the left: AccountId, AccountNumber, ApprovedParticipantId, CallPutCode, ClassSymbol, ExpirationDate, ExternalSymbol, Filler1, FirmUnitMember, Group, Instrument, LongQuantity, and MasterAccountId. The 'Sort By Fields' area on the right is currently empty. Below the list are navigation buttons: '>', '>>', '<', and '<<'. At the bottom, there are 'Up', 'Down', 'OK', and 'Cancel' buttons. A checkbox labeled 'Check item to set ascending sort' is located above the 'Up' and 'Down' buttons.</p>

STEPS	DESCRIPTION
3	<p>Select the fields according to which one you want to sort, by clicking on the field name in the Fields box and then clicking the > arrow to copy it to the Sort By Fields box.</p> <p>Repeat this for each field you wish to sort by.</p> <p>Clicking on >> arrows move all fields to the Sort by Fields box.</p> <p>Note: All field names are displayed in alphabetical order in the Fields list. To sort by one or many fields, the fields need to be copied from the Fields list to the Sort by Fields list by clicking on the field and pressing the > arrow.</p> <p>To remove a field from the Sort by Fields list, click on the field name and then click on the < arrow.</p> <p>Clicking on << arrows removes all fields from the Sort by Fields box.</p>
4	<p>Select items in the Sort By Fields box to include them in the sort (ascending only), by clicking on the check box beside each field.</p> <p>Note: To deselect an item, click on the check box to remove the check mark. This will remove it from the sort process.</p>
5	<p>Use the Up and Down buttons to change the position of a field name from the order in which it appears in the sort list.</p>
6	<p>Click OK when the sort criteria selection is completed.</p>

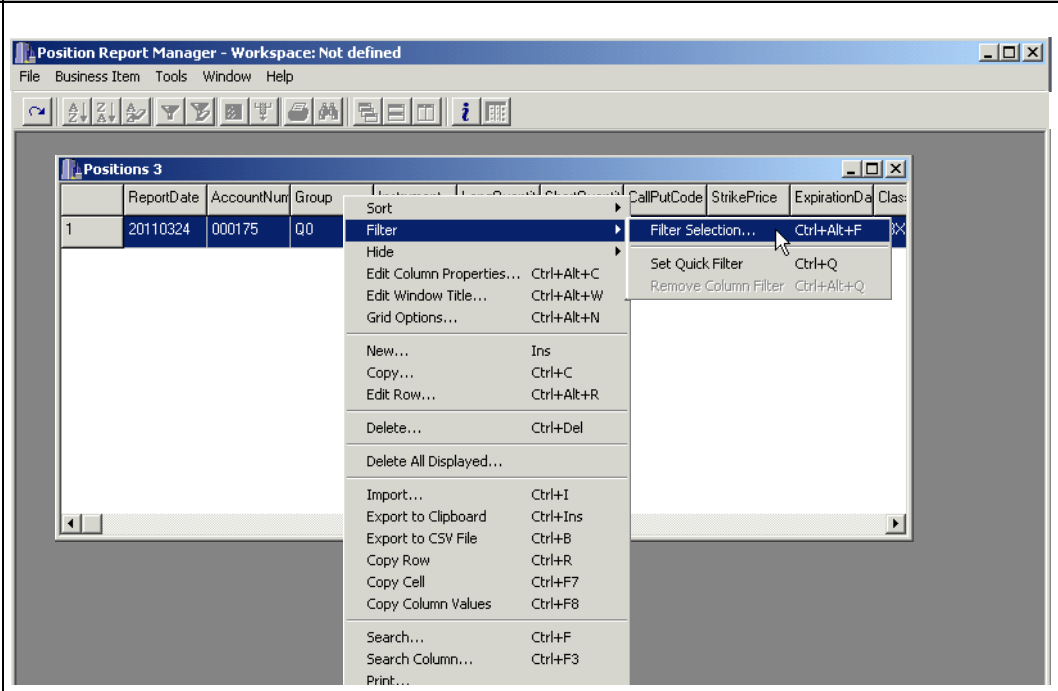
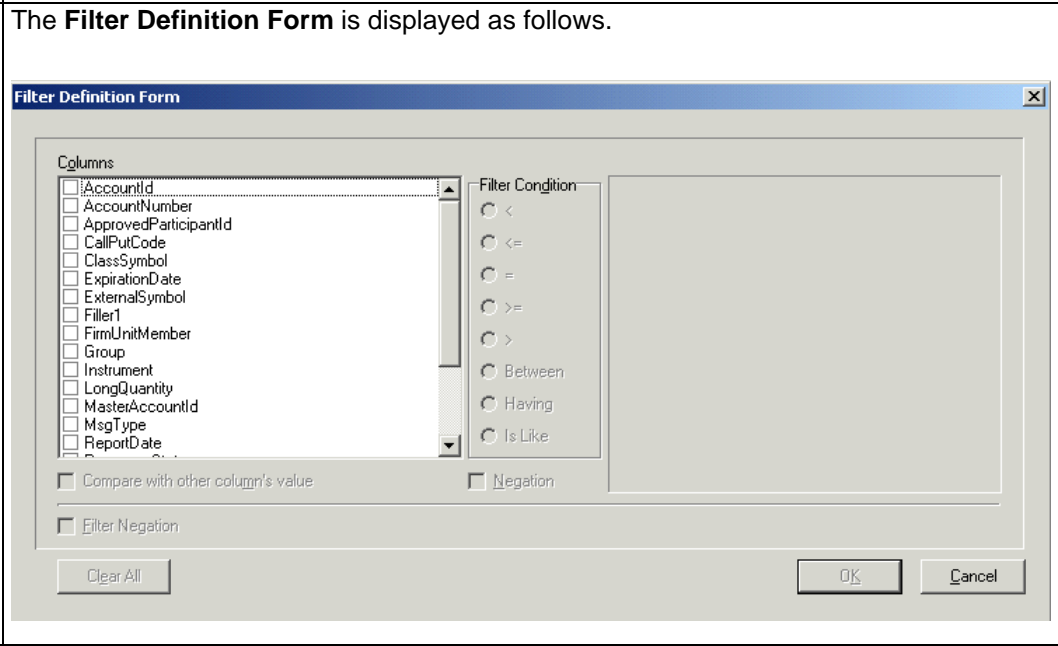
8.3 Filter

Filtering allows you to filter information within a **Business Item** window so that only the records that contain the data you are interested in are displayed.

The filtering option allows you to select specific data in order to record data or print reports.

To filter data within an open Business Item window, follow the instructions given below.

STEPS	DESCRIPTION
1	<p>From within an active Data Window, do either of the following:</p> <ul style="list-style-type: none"> • Right-click the mouse button and select Filter > Filter Selection as shown below. • From the Main Menu item Tools, select Filter > Filter Selection • Use the Shortcut Keys: Ctrl+Alt+F

STEPS	DESCRIPTION
	 <p>The screenshot shows the 'Position Report Manager' application window. A table titled 'Positions 3' is visible with columns: ReportDate, AccountNum, Group, CallPutCode, StrikePrice, ExpirationDate, and Class. A context menu is open over the table, with the 'Filter' option selected. A sub-menu is displayed, showing options: 'Filter Selection...' (Ctrl+Alt+F), 'Set Quick Filter' (Ctrl+Q), and 'Remove Column Filter' (Ctrl+Alt+Q).</p>
2	<p>The Filter Definition Form is displayed as follows.</p>  <p>The screenshot shows the 'Filter Definition Form' dialog box. It contains a list of columns with checkboxes: AccountId, AccountNumber, ApprovedParticipantId, CallPutCode, ClassSymbol, ExpirationDate, ExternalSymbol, Filler1, FirmUnitMember, Group, Instrument, LongQuantity, MasterAccountId, MessageType, and ReportDate. To the right, there are radio buttons for filter conditions: <, <=, =, >=, >, Between, Having, and Is Like. At the bottom, there are checkboxes for 'Compare with other column's value', 'Negation', and 'Filter Negation'. Buttons for 'Clear All', 'OK', and 'Cancel' are also present.</p>

STEPS	DESCRIPTION																								
3	<p>All column (field) names are displayed in alphabetical order in the Columns list. To set filters for a column; click on the box beside the column name to select it.</p> <p>Note: Filter settings for multiple columns can be set, but each one must be set individually.</p> <p>Under the Columns list, a box will be displayed which will allow the user to compare the value of multiple columns.</p> <p>In addition, a filter negation box will be available which will enable the user to put a global negation on all of the filters set for each column.</p>																								
4	<p>When a column has been selected, the Filter Condition in the center of the window becomes active, and all of the different data values in the column are displayed in sequential order in the box on the right side of the screen.</p>																								
5	<p>Select your filter criteria.</p>																								
6	<p>You can make the filter criteria negative by clicking on the box beside Negation and this will set a negation on the column selected.</p> <p>Note: The table below explains this.</p> <table border="1" data-bbox="461 905 1313 1245"> <thead> <tr> <th data-bbox="461 905 607 947">Filter</th> <th data-bbox="607 905 940 947">Meaning</th> <th data-bbox="940 905 1313 947">Meaning</th> </tr> </thead> <tbody> <tr> <td data-bbox="461 947 607 989"><</td> <td data-bbox="607 947 940 989">Less than</td> <td data-bbox="940 947 1313 989">Greater than</td> </tr> <tr> <td data-bbox="461 989 607 1031"><=</td> <td data-bbox="607 989 940 1031">Less than or equal to</td> <td data-bbox="940 989 1313 1031">Greater than or equal to</td> </tr> <tr> <td data-bbox="461 1031 607 1073">=</td> <td data-bbox="607 1031 940 1073">Equal to</td> <td data-bbox="940 1031 1313 1073">Not equal to</td> </tr> <tr> <td data-bbox="461 1073 607 1115">>=</td> <td data-bbox="607 1073 940 1115">Greater than or equal to</td> <td data-bbox="940 1073 1313 1115">Less than or equal to</td> </tr> <tr> <td data-bbox="461 1115 607 1157">></td> <td data-bbox="607 1115 940 1157">Greater than</td> <td data-bbox="940 1115 1313 1157">Less than</td> </tr> <tr> <td data-bbox="461 1157 607 1199">Between</td> <td data-bbox="607 1157 940 1199">Between two values</td> <td data-bbox="940 1157 1313 1199">Outside of two values</td> </tr> <tr> <td data-bbox="461 1199 607 1241">Having</td> <td data-bbox="607 1199 940 1241">Including this value</td> <td data-bbox="940 1199 1313 1241">Not including this value</td> </tr> </tbody> </table>	Filter	Meaning	Meaning	<	Less than	Greater than	<=	Less than or equal to	Greater than or equal to	=	Equal to	Not equal to	>=	Greater than or equal to	Less than or equal to	>	Greater than	Less than	Between	Between two values	Outside of two values	Having	Including this value	Not including this value
Filter	Meaning	Meaning																							
<	Less than	Greater than																							
<=	Less than or equal to	Greater than or equal to																							
=	Equal to	Not equal to																							
>=	Greater than or equal to	Less than or equal to																							
>	Greater than	Less than																							
Between	Between two values	Outside of two values																							
Having	Including this value	Not including this value																							
7	<p>Select options viewed on the right side of the filter condition.</p>																								
8	<p>Repeat for other columns as necessary.</p>																								
9	<p>When all the fields that you want to filter by have been set,</p> <ul style="list-style-type: none"> • Click OK to perform the filter process 																								
10	<p>To cancel the filter process,</p> <ul style="list-style-type: none"> • Click Cancel. 																								

8.4 Hide

The Hide Column(s) function enables you to temporarily remove the selected column(s) from the display on your screen.

There are two formats for hiding columns:


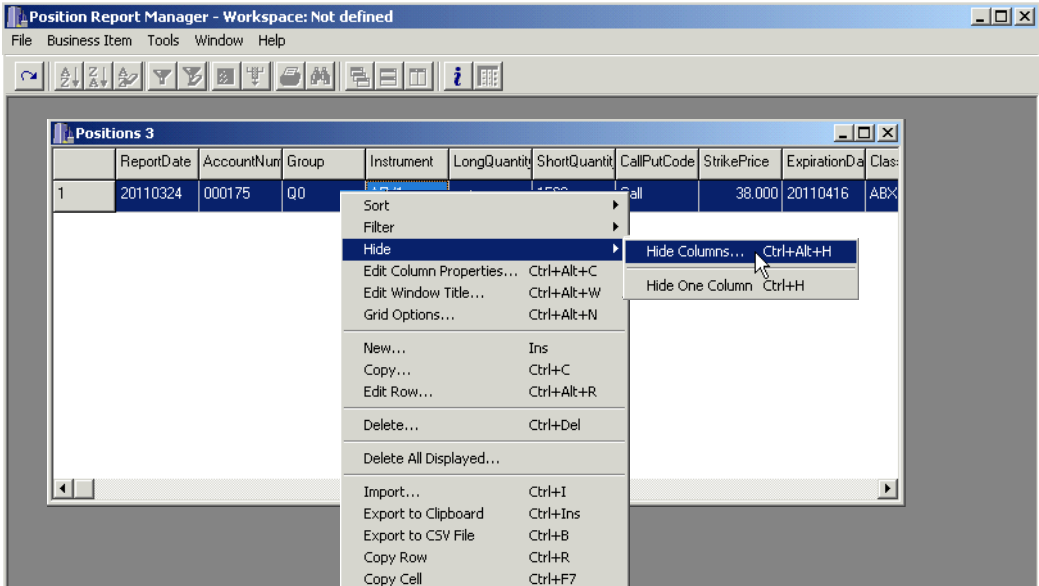
- Hide one column
- Hide multiple columns

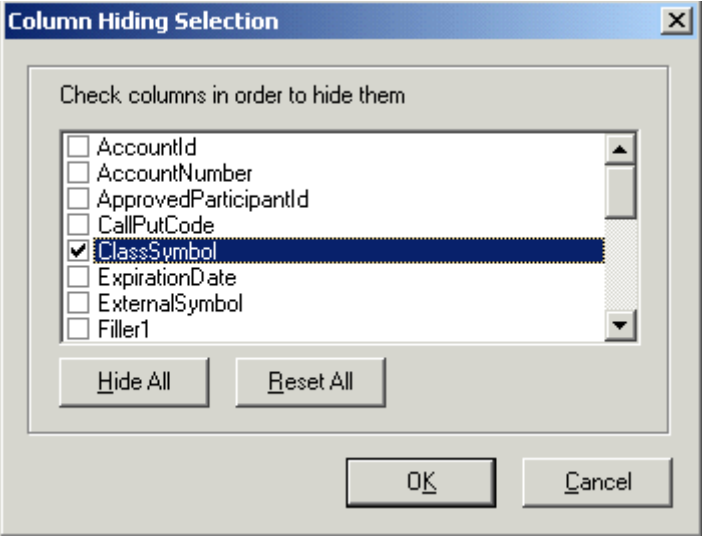
They can be accessed from the Main Menu Tools item, as icons on the Toolbar, or from the sub-menu displayed by right-clicking the mouse button in the Data Window.

To **hide a single column**, simply position the cursor in the column on the Data window that is to be hidden and then select the appropriate feature from any of the above mentioned sources.

- For example, the  icon from the **Toolbar**.

To **hide multiple columns**, follow the instructions given below.

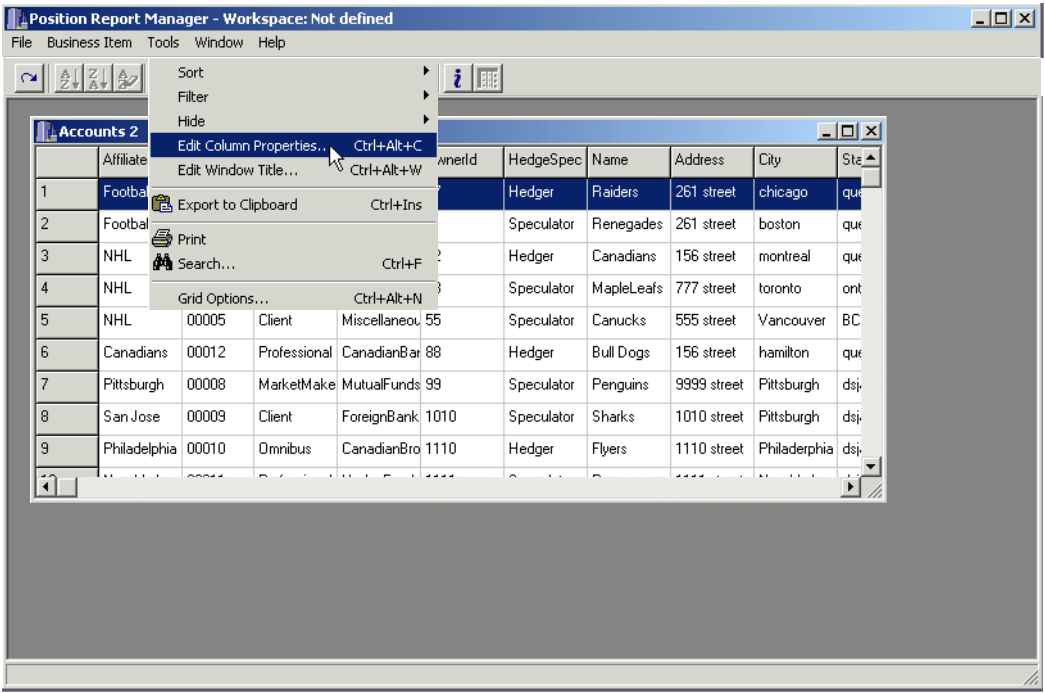
1	<p>From within an active Data Window, do either of the following:</p> <ul style="list-style-type: none"> • Right-click the mouse button and select Hide > Hide Columns as shown below. • From the Main Menu item Tools, select Hide > Hide Columns • Use the Shortcut Keys: Ctrl+Alt+H • Select the  from the Toolbar
 <p>The screenshot shows the 'Position Report Manager' application window. The main data window, titled 'Positions 3', displays a table with columns: ReportDate, AccountNum, Group, Instrument, LongQuantity, ShortQuantity, CallPutCode, StrikePrice, ExpirationDate, and Class. A right-click context menu is open over the table, with the 'Hide' option selected. A sub-menu is displayed for 'Hide', containing 'Hide Columns...' (with shortcut Ctrl+Alt+H) and 'Hide One Column' (with shortcut Ctrl+H). The 'Hide Columns...' option is highlighted by the mouse cursor.</p>	

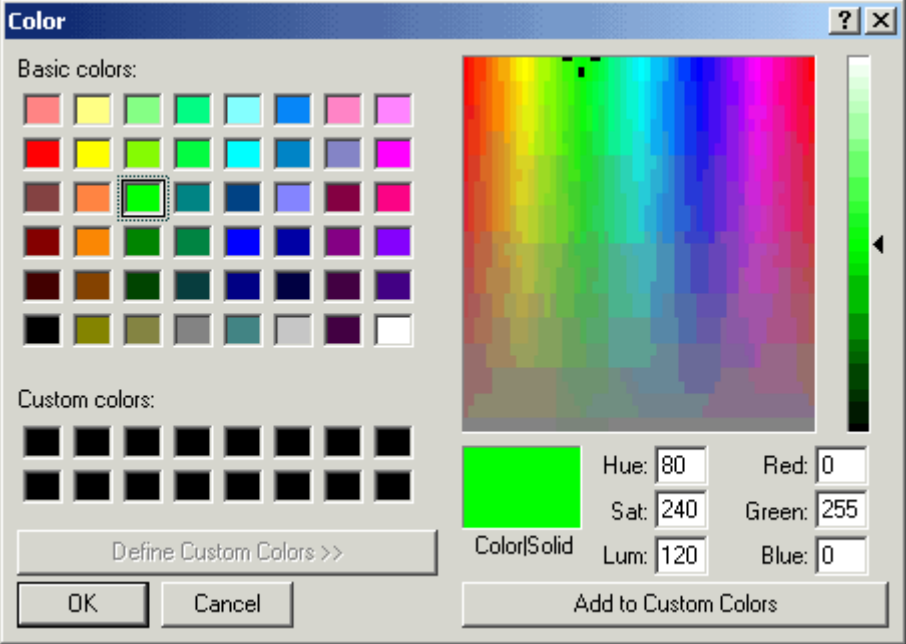
	<p>The Column Hiding Selection form is displayed as shown below.</p> 
2	<p>Click the box next to the column name that you wish to hide. Note: Multiple columns can be hidden at the same time.</p>
3	<p>Click OK. The selected columns will not appear on the screen.</p>
4	<p>Note: To re-display the hidden columns, do the following.</p> <ul style="list-style-type: none"> • Right click and select Hide Columns from the sub-menu. • Remove checkmarks from boxes by clicking on the boxes next to the column names to be re-displayed • Click OK <p>Note: Re-displayed columns are not displayed where they originally were, but are displayed at the far right of the Data Window.</p>

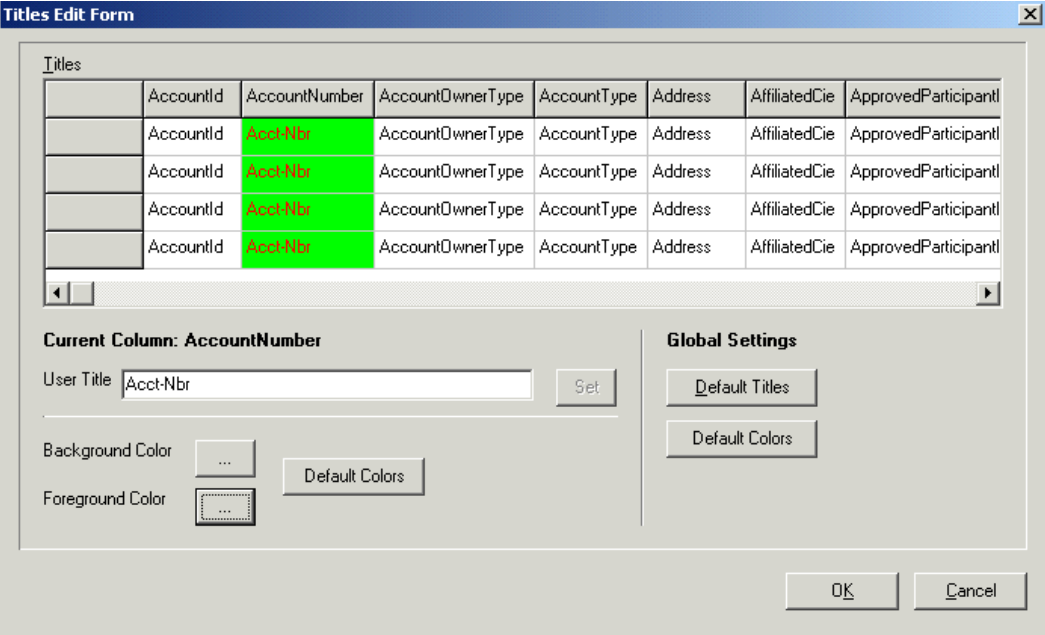
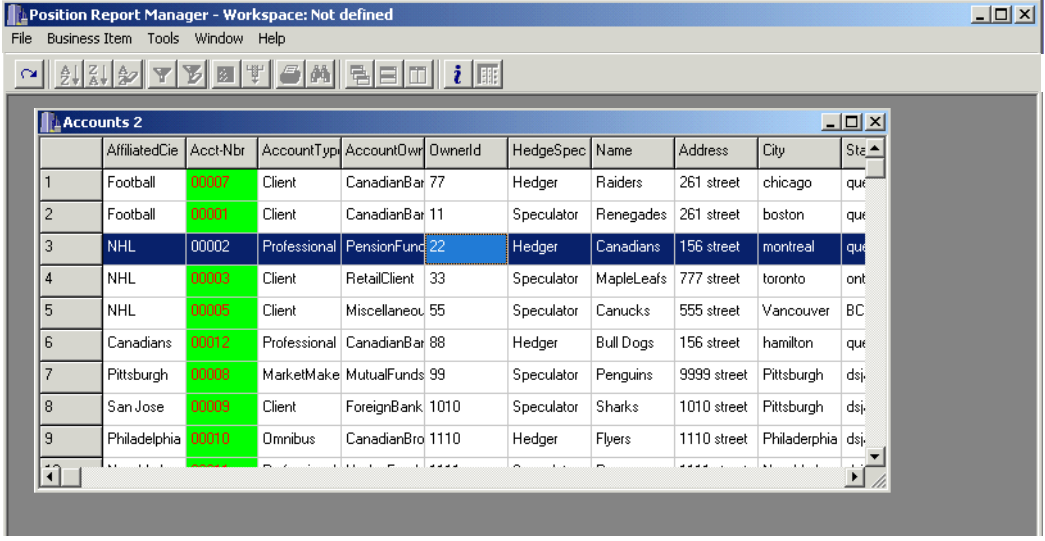
8.5 Edit Column Properties

This function enables you to change the text of a column title to a more meaningful name, or to change the background or font color of a column.

To edit column properties within an open Business Item file, follow the instructions given below.

STEPS	DESCRIPTION
1	<p>To edit column properties, do either of the following:</p> <ul style="list-style-type: none"> From the Main Menu choose Tools > Edit Column Properties, as shown below From within an active Data Window, right-click the mouse to display the sub-menu, and click Edit Column Properties Use the Shortcut Keys: Ctrl+Alt+C  <p>The screenshot shows the 'Position Report Manager' application window. The 'Tools' menu is open, and 'Edit Column Properties...' is highlighted. The keyboard shortcut 'Ctrl+Alt+C' is shown next to it. The background data window has columns: AccountNumber, HedgeSpec, Name, Address, City, and State. The 'AccountNumber' column is highlighted in blue.</p>
	<p>The Titles Edit Form is displayed with default titles for all columns.</p> <p>In this example we will change the name of the column AccountNumber to Acct-Nbr, the font will be red on a green background.</p> <ul style="list-style-type: none"> Click in the second row under AccountNumber (this becomes the active column) <p>The name appears in the User Title area.</p> <ul style="list-style-type: none"> Change the name to Acct-Nbr Click Set <p>The text Acct-Nbr now appears in the AccountNumber column of the Edit Titles Form.</p>

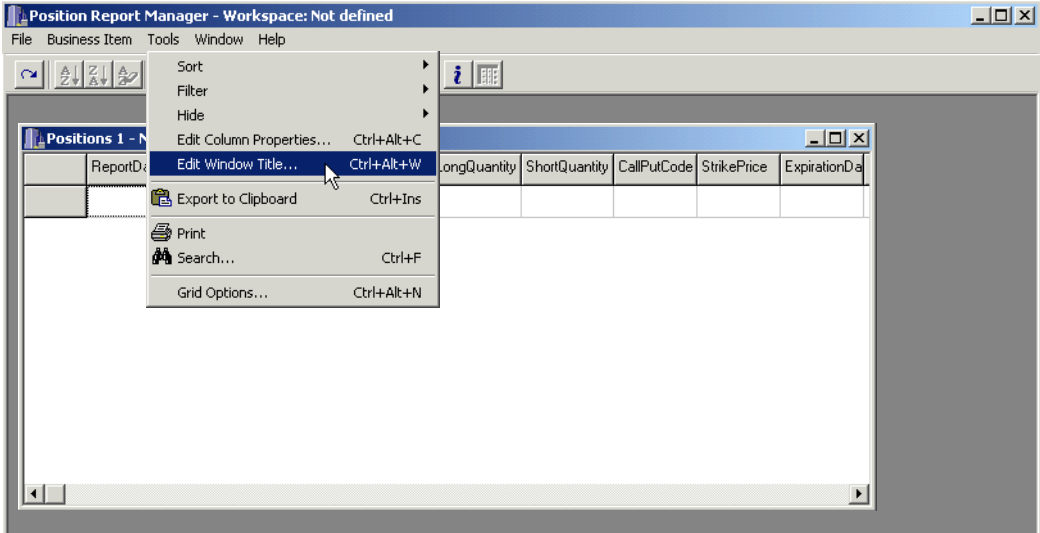
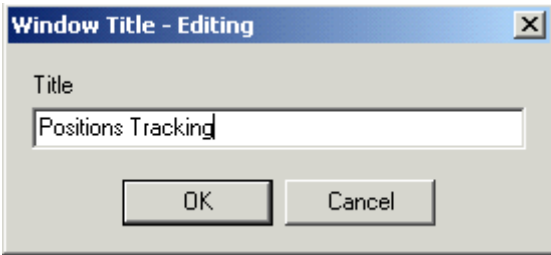
STEPS	DESCRIPTION
2	<p>To change the background color of the selected column, do the following:</p> <ul style="list-style-type: none"> Click the Background Color button <p>The Color palette is displayed showing the default color (white) for the background color.</p> <ul style="list-style-type: none"> Select the color of choice (green) <p>The Color palette now shows the selected color as indicated below.</p>  <ul style="list-style-type: none"> Click OK
3	<p>To change the Foreground or font color, do the following;</p> <ul style="list-style-type: none"> Click the Foreground Color button <p>The Color palette appears showing the default color of the font.</p> <ul style="list-style-type: none"> Select the color of choice (Red) Click OK <p>The final Titles Edit Form is displayed as follows.</p>

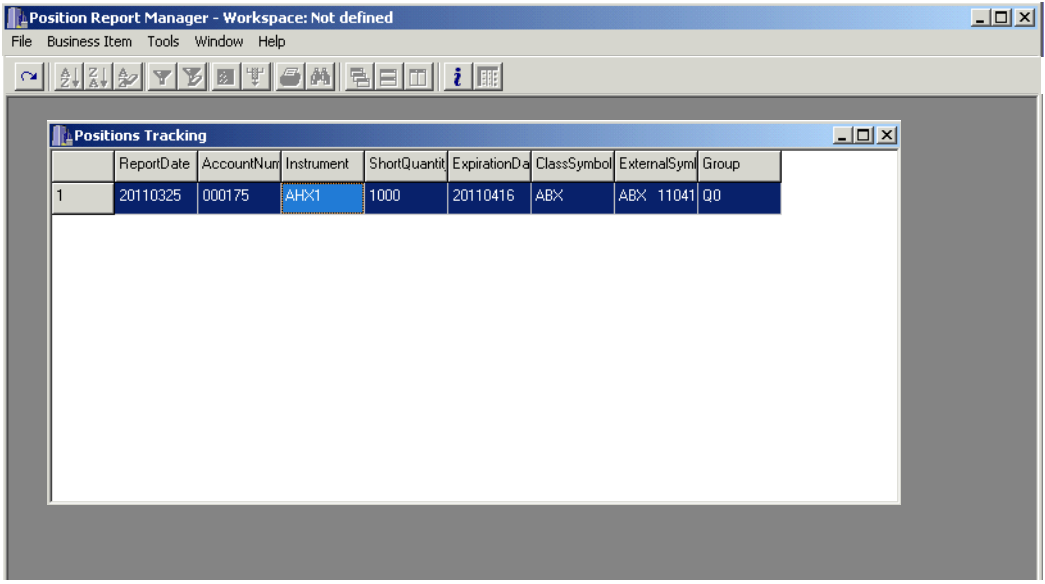
STEPS	DESCRIPTION
4	 <ul style="list-style-type: none"> • Click OK <p>Note: The Default Colors button next to the Background and Foreground Color buttons will return both the font and background colors of the selected column to their default value. Under the Global Settings, the Default Titles button returns all titles to their default value. The Default Colors button will return both the font and background colors to their default value for all columns.</p>
	<p>The result of the above changes is displayed below.</p> 

8.6 Editing Window Title

The Edit Window Title function allows you to change the names of any Business Item window.

To edit the window title of an open Business Item file, follow the instructions given below.

STEPS	DESCRIPTION
1	<p>To edit the Data Window Title, do either of the following:</p> <ul style="list-style-type: none"> From the Main Menu choose Tools > Edit Window Title..., as shown below From within an active Data Window, right-click the mouse to display the sub-menu, and click Edit Window Title... Use the Shortcut Keys: Ctrl+Alt+W  <p>The screenshot shows the 'Position Report Manager - Workspace: Not defined' window. The 'Tools' menu is open, and 'Edit Window Title...' is highlighted. The shortcut 'Ctrl+Alt+W' is visible next to it. Other menu items include Sort, Filter, Hide, Edit Column Properties... (Ctrl+Alt+C), Export to Clipboard (Ctrl+Ins), Print, Search... (Ctrl+F), and Grid Options... (Ctrl+Alt+N).</p>
2	<p>The Window Title - Editing dialog box appears displaying the current title:</p> <ul style="list-style-type: none"> Enter the new window title as shown below.  <p>The dialog box has a title bar 'Window Title - Editing' and a close button. It contains a text field labeled 'Title' with the text 'Positions Tracking' entered. Below the field are 'OK' and 'Cancel' buttons.</p>
3	<p>Click OK.</p>

STEPS	DESCRIPTION
	<p>The title of the Data Window has changed.</p> 

8.7 Rearranging Columns

Rearrange columns by dragging and dropping the column heading to the desired location.

To move a column within a file, follow the instructions given below.

STEPS	DESCRIPTION
1	Click on the heading of the column you want to move and hold the mouse button down.
2	While continuing to hold down the mouse button, move the cursor with the mouse along the column heading line to the location where you would like to place the column.
3	Release the mouse button.

8.8 Exporting to Clipboard

8.8.1 When to export data to the clipboard?

The following option allows the user to copy the current screen to a clipboard for copying to another program. It is most often used to cut and paste information from a Business Item window into an Excel spreadsheet so that the user can view, manipulate, and print the data outside of LOPR. Prior to exporting to a clipboard, the Business Item window can be filtered or columns hidden/displayed so that only the desired information is exported. This option is frequently used to generate customized reports.

Windows can be set up for:

- Executed Reports
- Cleared All Report
- Unallocated Screen

8.8.2 How to Export to Clipboard

To export data from a window to the clipboard, follow the instructions given below.

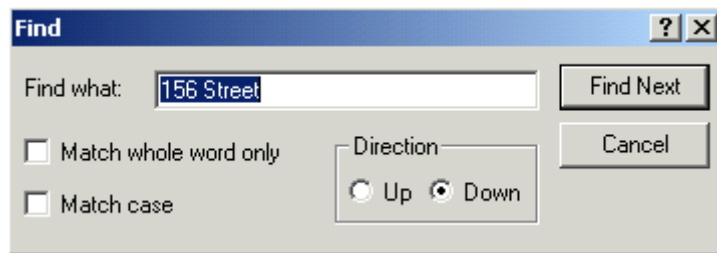
STEPS	DESCRIPTION
1	Sort; filter the selected window, and/or display/hide columns to display what you want to export on the monitor. Refer to the relevant sections in this document for details.
2	Click Tools on the menu bar at the top of the LOPR application window.
3	Click Export to Clipboard on the drop-down menu. or Shortcut Key: Ctrl + Ins Note: The information is copied to the clipboard.
4	Use the clipboard function under Edit in Excel (or another program) to paste the information into another file. or Shortcut Key : Ctrl + V

8.9 Search

The Search option enables the user to search for specific data within a column. This function can be found in:

- The Main Menu **Tools** sub-menu
- By right-clicking in an active Data Window to display the sub-menu
- The **Toolbar** as an icon

Once the Search item has been selected, the following **Find** dialog box is displayed.



- Enter the search criteria in the **Find what:** area (can be a partial entry)
- Select the box to match on a whole word only
- Select the box to match the case (upper/lower)
- Select the direction the search will take
- Click **Find Next**

8.10 Search Column

This Search Column function enables the user to search for a specific column, not the contents. The dialog box is identical to the Search function and functions in the same manner.


8.11 Print

The Print option allows you to print the contents of the current file.

8.11.1 Printing a Business Item

To print data from a Business Item window, follow the instructions given below.

Note: The Print option in will only be available if a printer is linked to the LOPR PC.

STEPS	DESCRIPTION
1	Sort; filter the file, and/or display/hide columns to display what you want to export on the monitor. Refer to the relevant sections in this document for details.
2	To print the displayed data, do either of the following: <ul style="list-style-type: none"> • From the Main Menu select Tools > Print • From within the active Data Window, right-click the mouse to display the sub-menu, then click Print • Click the icon  on the Toolbar
3	The Print dialog box will be displayed. <ul style="list-style-type: none"> • Click OK on the print management window.

Appendix A Workspaces and Data Windows

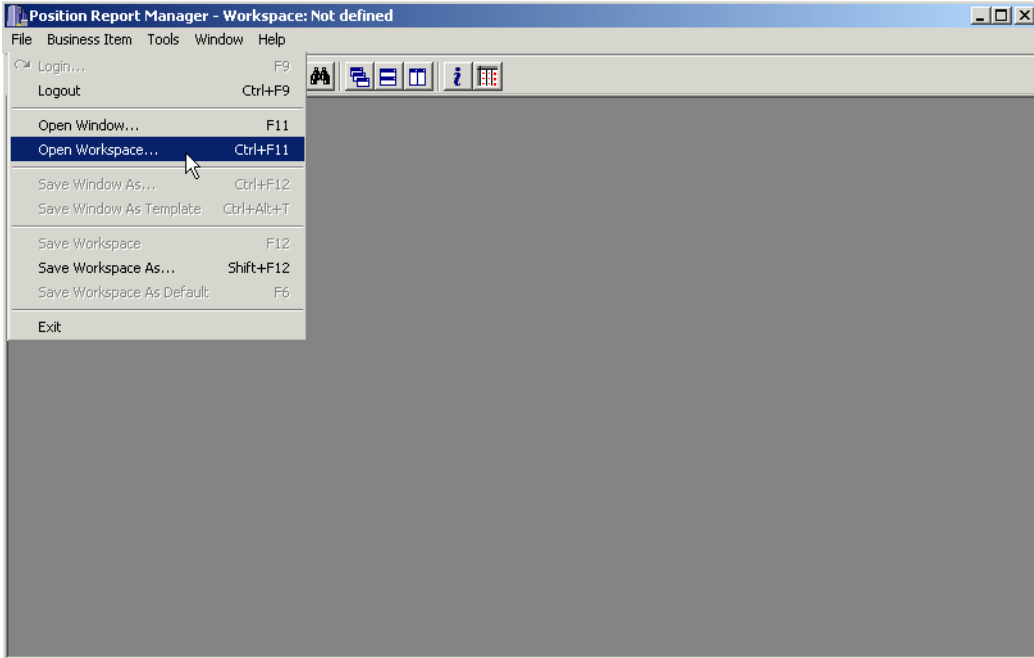
This section explains the functionality of the Workspace and Data Windows within the Position Report Manager application.

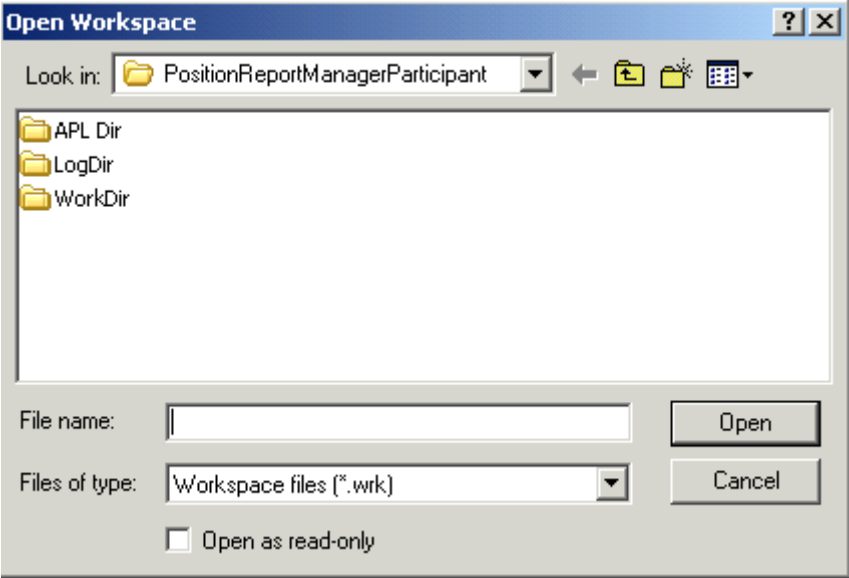
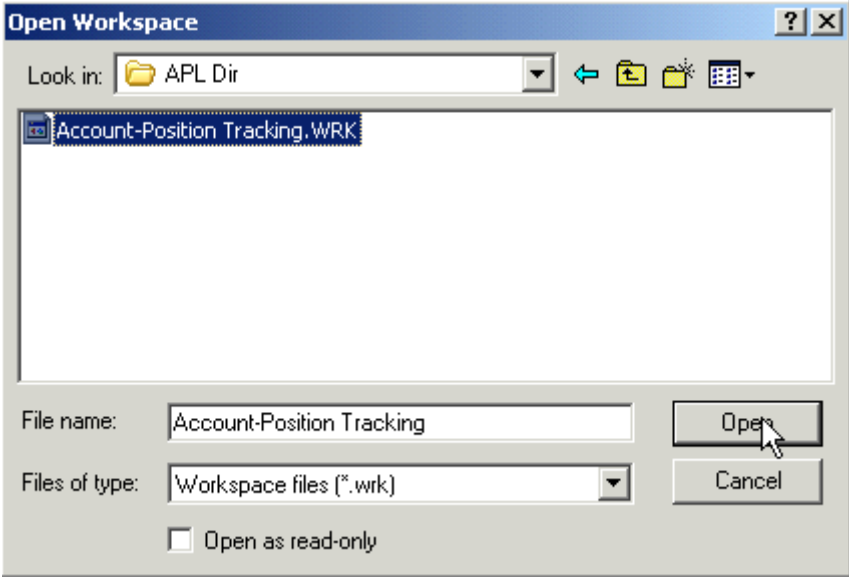
A.1 The Workspace

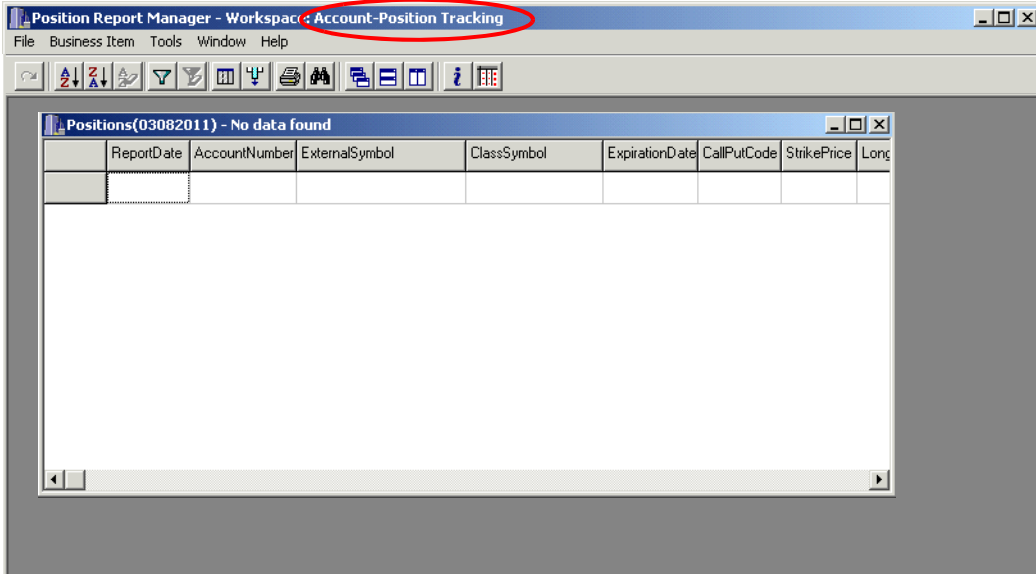
As mentioned in [Chapter 3, Getting Started](#), When you first log into Position Report Manager, the Workspace is empty and unnamed, unless you have previously set up a named Workspace to be the default Workspace.

A.1.1 Opening a Workspace

Once you have logged in to the Position Report Manager, you can either open Data Windows in the current Workspace, or you can open a pre-saved Workspace from an earlier session, or that has been created by someone else. For information on how to save and name a current Workspace, refer to section [A.1.2, Saving the Workspace](#).

STEPS	DESCRIPTION
1	<p>To open an existing Workspace, do either of the following:</p> <ul style="list-style-type: none"> From the Main Menu, select File > Open Workspace... as indicated below. Use the Shortcut Key: Ctrl+F11  <p>The screenshot shows the 'Position Report Manager - Workspace: Not defined' window. The 'File' menu is open, and the 'Open Workspace...' option is highlighted. The menu items and their shortcuts are: Login... (F9), Logout (Ctrl+F9), Open Window... (F11), Open Workspace... (Ctrl+F11), Save Window As... (Ctrl+F12), Save Window As Template (Ctrl+Alt+T), Save Workspace (F12), Save Workspace As... (Shift+F12), Save Workspace As Default (F6), and Exit.</p>

STEPS	DESCRIPTION
	<p>The Open Workspace dialog window is displayed as shown below.</p> 
2	<p>In the Open Workspace dialog window, do either of the following:</p> <ul style="list-style-type: none"> • Double-click the directory that contains the Workspace • Select the directory that contains the Workspace and click Open.
3	<p>When you have located the Workspace:</p> <ul style="list-style-type: none"> • Select it and click Open as illustrated below 

STEPS	DESCRIPTION
	<p>A new Workspace named Account-Position Tracking is displayed below.</p> <p>Note: The Workspace contains a Positions Data Window which has also been renamed. For information on how to edit the title of a Data Window, refer to section 8.6, Editing Window Title.</p>  <p>The screenshot shows the 'Position Report Manager' application window with the workspace 'Account-Position Tracking' selected. Below it, a data window titled 'Positions(03082011) - No data found' is open, displaying a table with the following columns: ReportDate, AccountNumber, ExternalSymbol, ClassSymbol, ExpirationDate, CallPutCode, StrikePrice, and Long.</p>

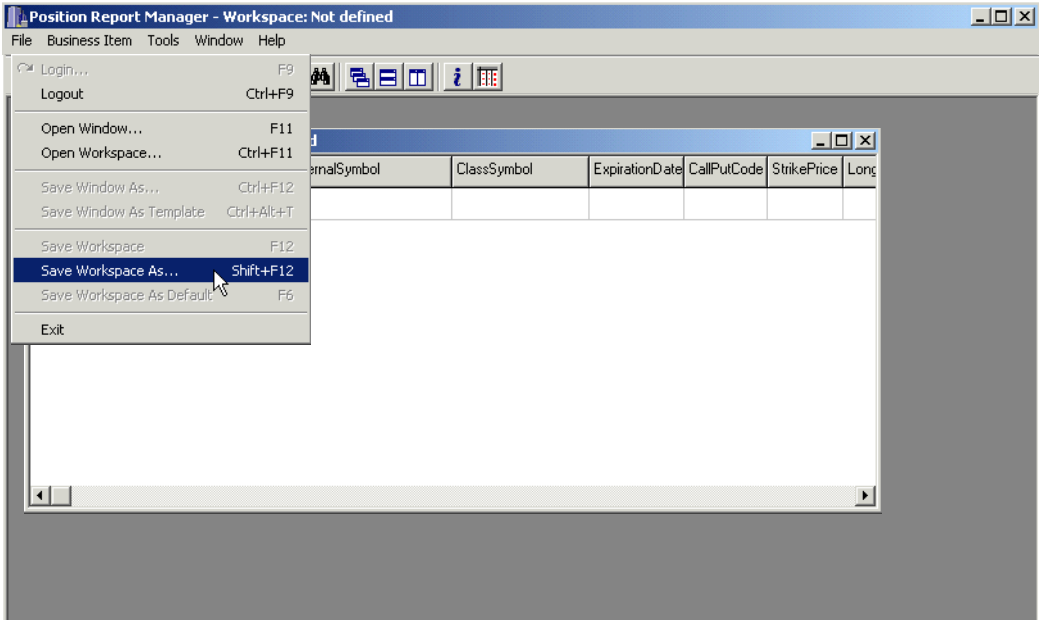
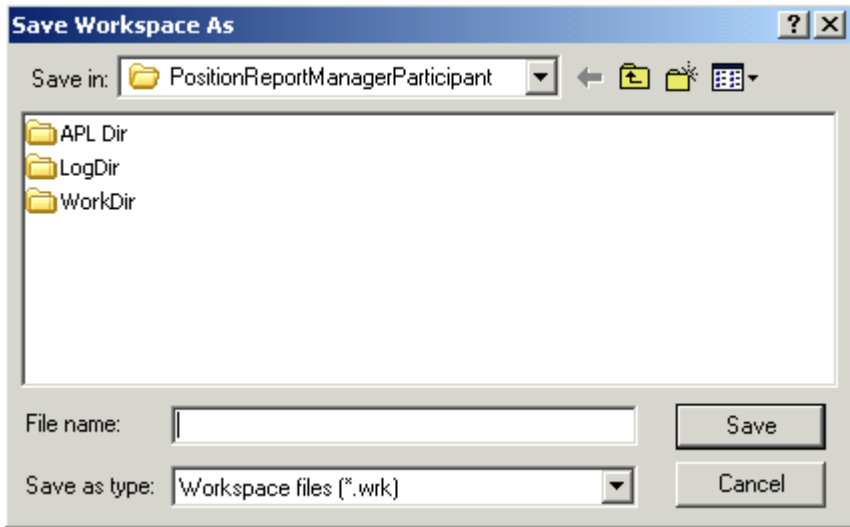
A.1.2 Saving the Workspace

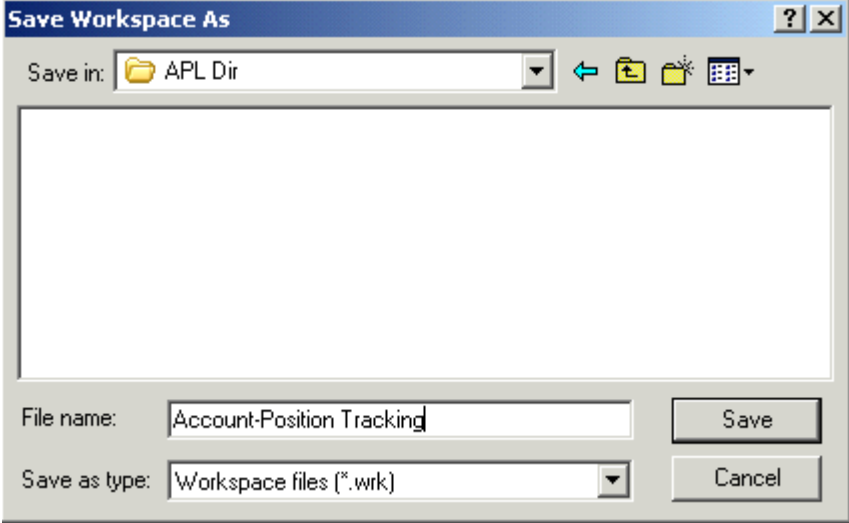
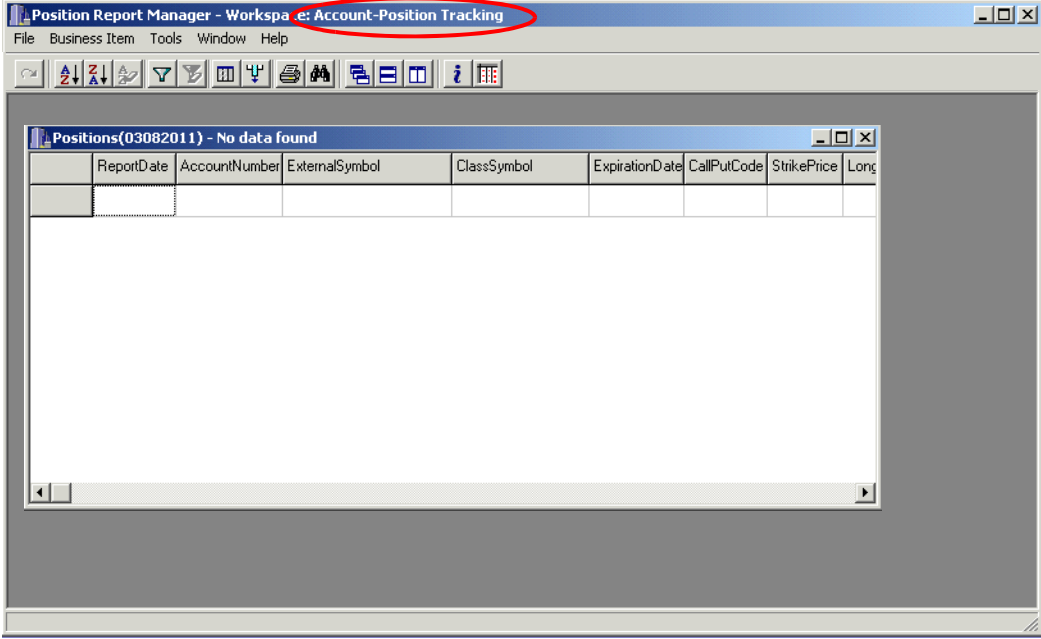
To save a 'Not defined' Workspace or the initial Workspace, after you have opened Data Windows for one or more Business Items, you will be required to use the **Save Workspace As...** option within the **File** menu. This function will also be used when it is necessary to rename an existing Workspace. The next time this Workspace is opened, the same settings will be displayed.

Note: More than one Workspace can be named and saved, however, only one can be the 'Default' Workspace, and only one Workspace at a time can be accessed.

Once a Workspace has been named and is in use, to save the Workspace, use **Save Workspace** within the File menu. the Workspace will be saved with no dialog window intervention necessary.

In this example, a 'Not defined' Workspace containing a renamed Data Window for the Business Item 'Positions' is to be saved. Follow the steps as outlined below:

STEPS	DESCRIPTION
<p>1</p>	<p>To save the current Workspace with a new name, do either of the following:</p> <ul style="list-style-type: none"> • From the Main Menu, select File > Save Workspace As... as indicated below. • Use the Shortcut Key: Shift+F12  <p>Note: The first time a Workspace is saved, you are forced to choose the Save Workspace As option. In the above illustration, you can see that the Save Window option is not available.</p>
	<p>The Save Workspace As dialog window is displayed prompting the user to enter a name for the Workspace.</p> 

STEPS	DESCRIPTION
2	<p>Do the following:</p> <ul style="list-style-type: none"> • Navigate to the directory where the Workspace will be stored • Enter the name of the Workspace (i.e. Account-Position Tracking) <p>The Dialog window should resemble the following illustration.</p>  <p>• Click Save</p>
	<p>The Workspace now displays the new name as shown below.</p> 

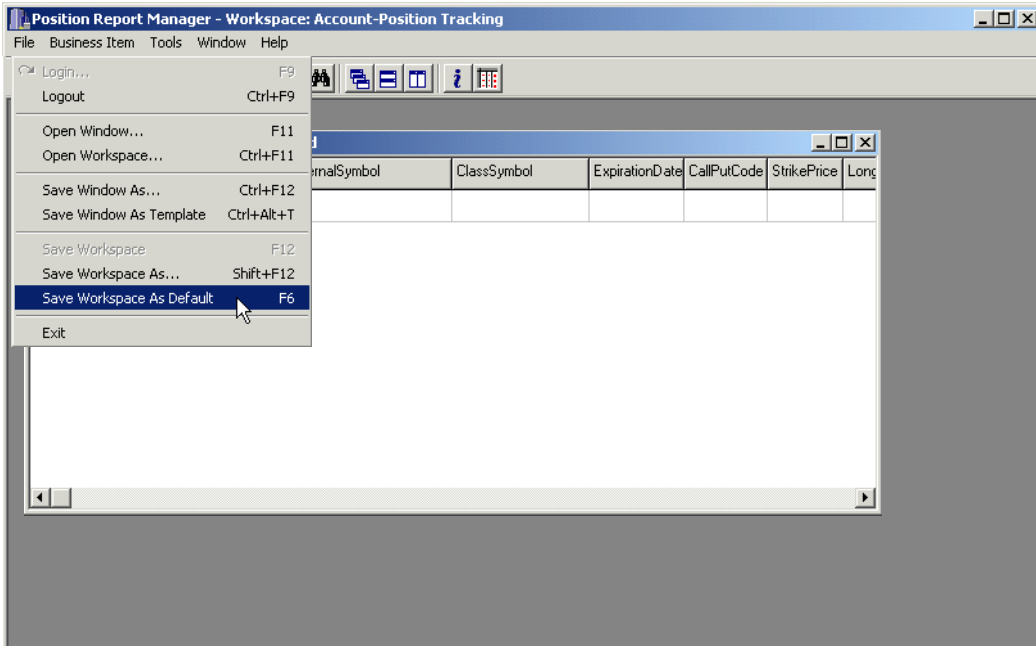
A.1.3 Saving the Workspace As...

In the situation where a Workspace has been previously named and opened, the user may have altered the contents by opening new windows, modified content in one of the fields, or added records, yet would like to retain the original Workspace, as well as saving the current content. To do this, you would have to save the Workspace as a new 'named' Workspace. This would leave the original Workspace untouched in the directory. Refer to section [A.1.2, Saving the Workspace](#), for information on how to name or rename a Workspace.

A.1.4 Saving a Workspace as the Default

As you work within a Workspace, you may decide that the Workspace should be the default Workspace once it has been set up to your preference with specific Data Windows. By setting up a specific Workspace as the default, the next time you log into Position Report Manager, the default Workspace is displayed.

To use the **Save Workspace As Default** option, the Workspace must be a named.

STEPS	DESCRIPTION
1	<p>To save the current Workspace as the Default Workspace, do either of the following:</p> <ul style="list-style-type: none"> • From the Main Menu, select File > Save Workspace As Default as indicated below. • Use the Shortcut Key: F6  <p>The screenshot shows the application window titled 'Position Report Manager - Workspace: Account-Position Tracking'. The 'File' menu is open, displaying several options with their respective keyboard shortcuts. The option 'Save Workspace As Default' with the shortcut 'F6' is highlighted by the mouse cursor. Other visible options include 'Login...', 'Logout', 'Open Window...', 'Open Workspace...', 'Save Window As...', 'Save Window As Template', 'Save Workspace', 'Save Workspace As...', and 'Exit'. The background of the application shows a data table with columns: 'InternalSymbol', 'ClassSymbol', 'ExpirationDate', 'CallPutCode', 'StrikePrice', and 'Long'.</p>

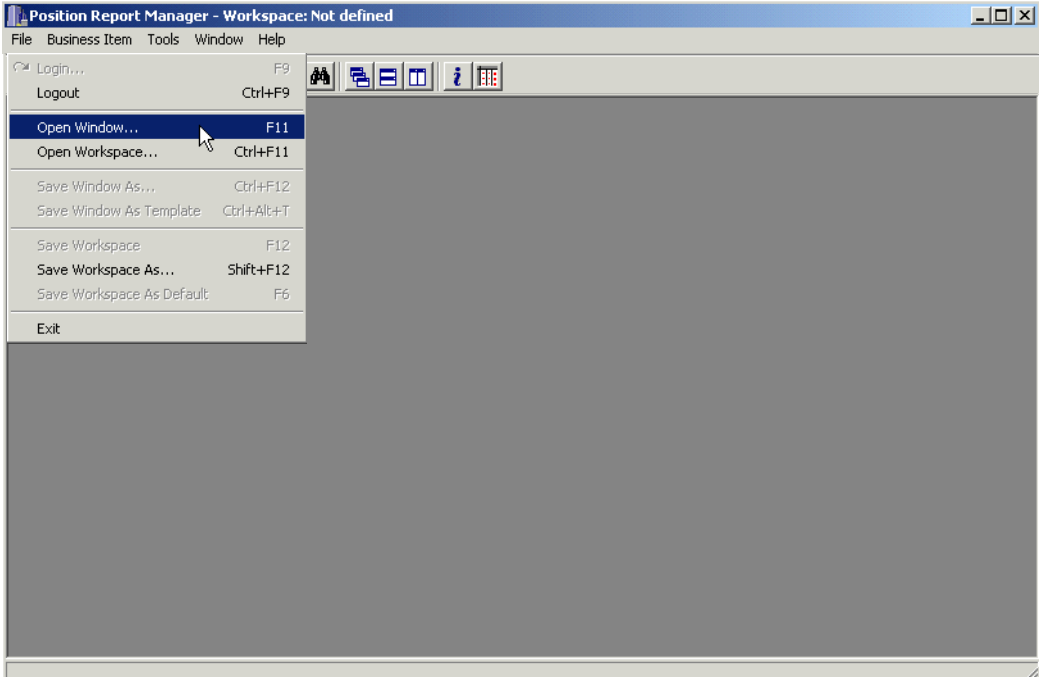
STEPS	DESCRIPTION
	Note: There is no display of a dialog box. The workspace must be a named workspace and therefore was previously saved to a location.

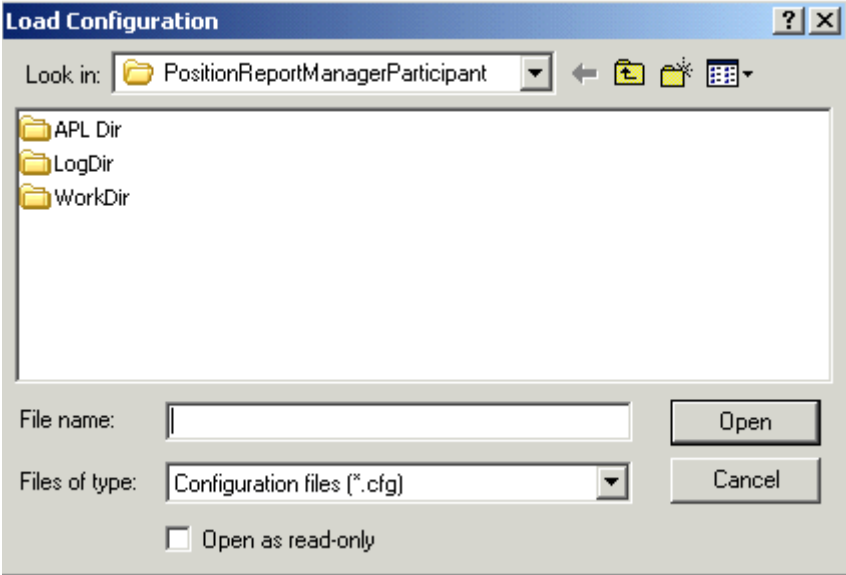
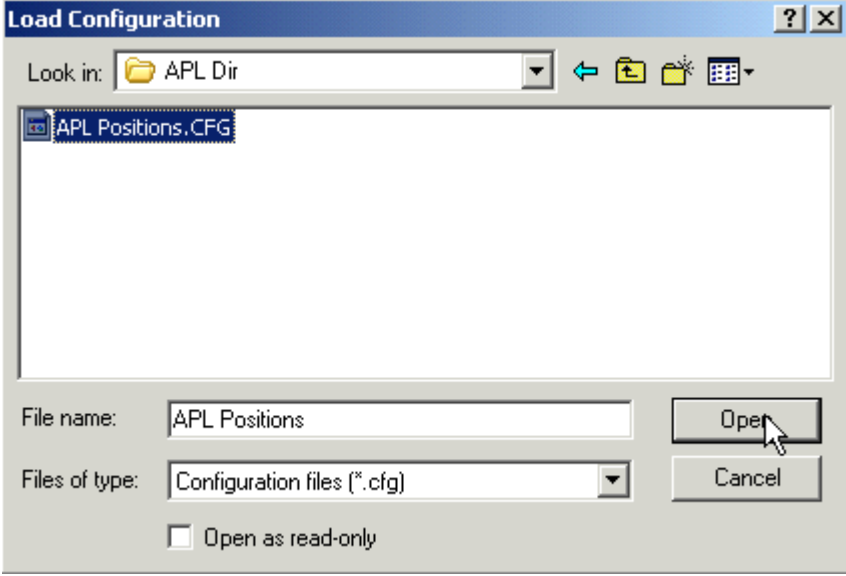
A.2 Data Windows

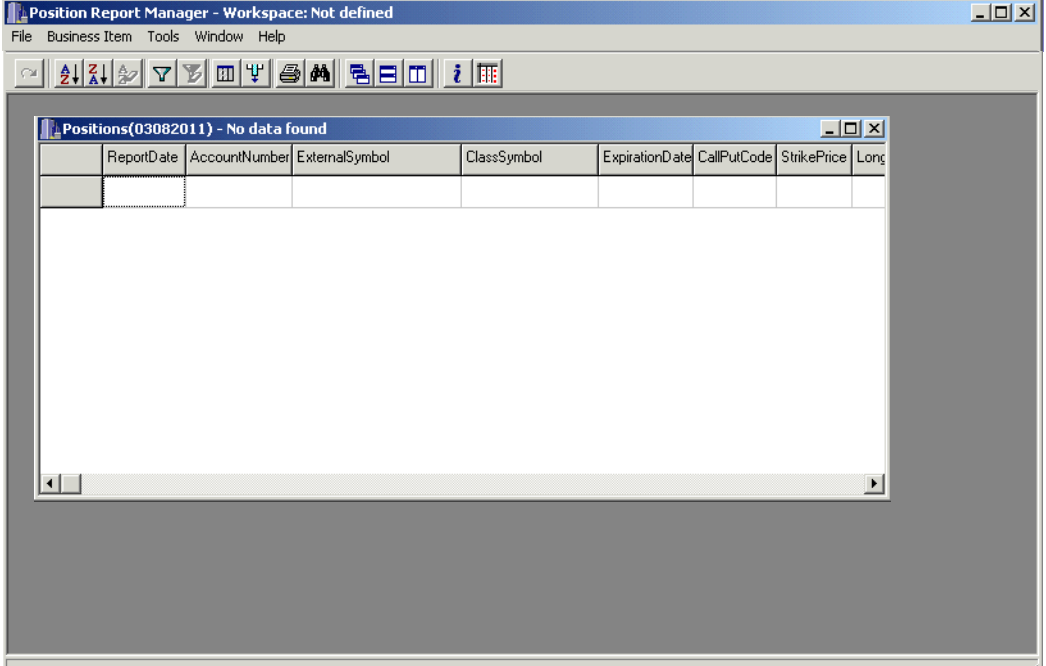
A Data window displays information pertaining to a Business Item and is presented in a multi column format. Each column has a title that relates to a data field. Users are able to open Data windows for one or several Business Items to track specific information such as their positions or assets within the Workspace. When you first open a Data Window, it is unnamed and contains only a number. This number simply indicates the number of times the Business Item has been accessed within the current session. You are able to rename this Data Window with a more meaningful name by using the **Edit Window Title** feature within the Main Menu item '**Tools**'. Refer to section [8.6, Editing Window Title](#).

A.2.1 Open a Saved Data Window

To open an existing Business Item Data Window, follow the steps as outlined below.

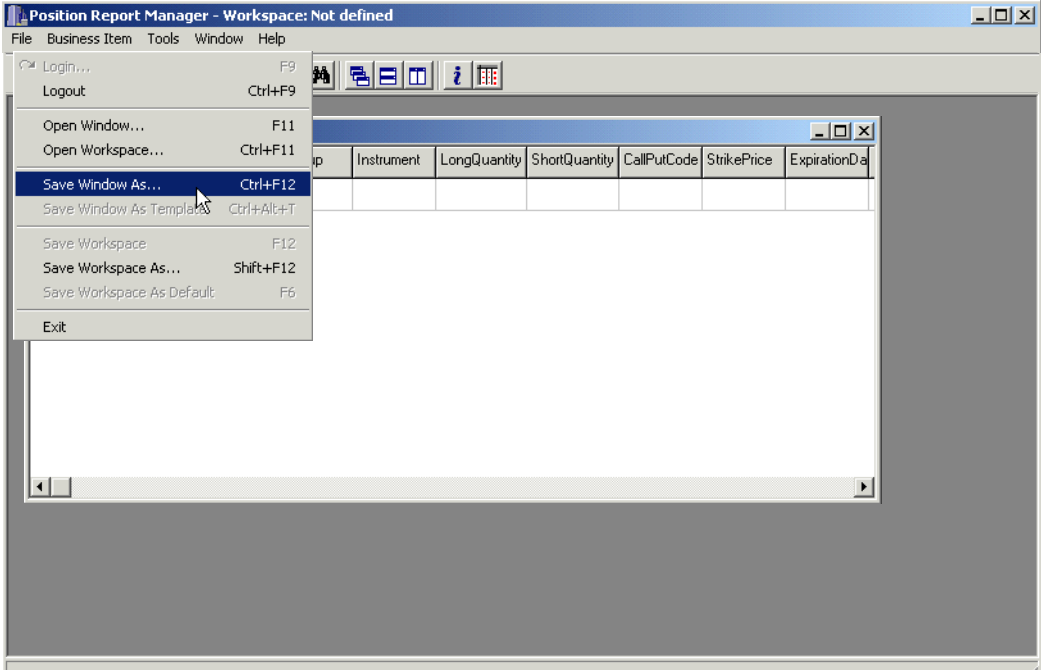
STEPS	DESCRIPTION
1	<p>From within the current Workspace, do either of the following:</p> <ul style="list-style-type: none"> • From the Main Menu, select File > Open Window as indicated below • Use the Shortcut Key: F11  <p>The screenshot shows the 'Position Report Manager - Workspace: Not defined' window. The 'File' menu is open, displaying the following options and their shortcuts: Login... (F9), Logout (Ctrl+F9), Open Window... (F11), Open Workspace... (Ctrl+F11), Save Window As... (Ctrl+F12), Save Window As Template (Ctrl+Alt+T), Save Workspace (F12), Save Workspace As... (Shift+F12), Save Workspace As Default (F6), and Exit. A mouse cursor is pointing at the 'Open Window...' option.</p>

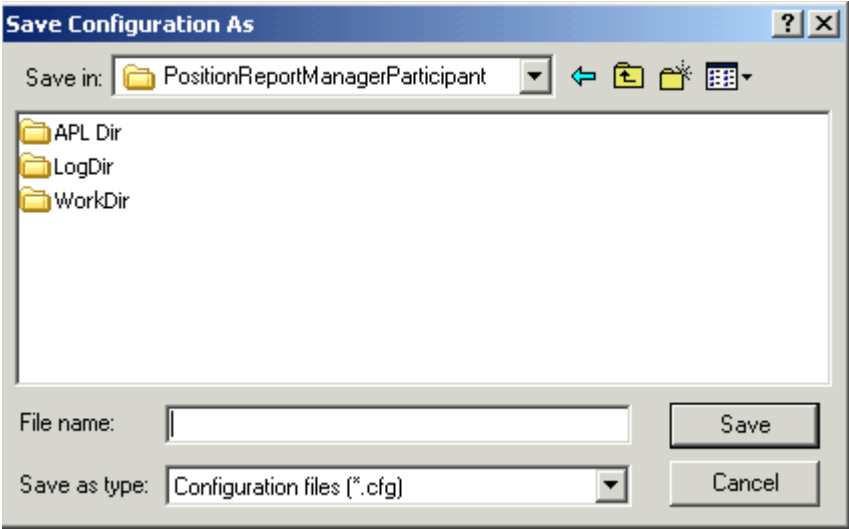
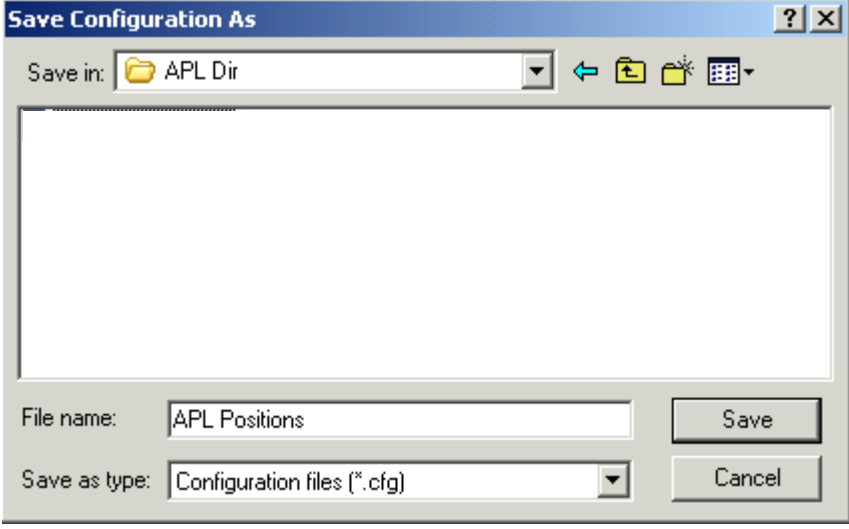
STEPS	DESCRIPTION
2	<p>The Load Configuration dialog box is displayed. Do either of the following:</p> <ul style="list-style-type: none"> • Double-click the directory that contains the Data Window • Select the directory that contains the Data Window and click Open. 
3	<p>In the selected directory (APL Dir), do either of the following:</p> <ul style="list-style-type: none"> • Double-click the Data Window file • Select the Data Window file and click Open. 

STEPS	DESCRIPTION
	<p>The selected Data window is displayed below.</p> <p>Note: The filename of the Data Window is APL Positions, however the title of the Data Window is Positions (03082011). To change the title of a Data Window, refer to section 8.6, Editing Window Title.</p> 

A.2.2 Saving a Data Window As...

To save a current Business Item Data window, follow the steps as outlined below.

STEPS	DESCRIPTION																						
1	<p>From within the current Workspace above, do either of the following:</p> <ul style="list-style-type: none"> • From the main menu, select File > Save Window As, as indicated below • Use the Shortcut key: Ctrl+F12  <p>The screenshot shows the 'Position Report Manager - Workspace: Not defined' application window. The 'File' menu is open, and the 'Save Window As...' option is highlighted. The menu items and their shortcuts are as follows:</p> <table border="1"> <thead> <tr> <th>Menu Item</th> <th>Shortcut</th> </tr> </thead> <tbody> <tr> <td>Login...</td> <td>F9</td> </tr> <tr> <td>Logout</td> <td>Ctrl+F9</td> </tr> <tr> <td>Open Window...</td> <td>F11</td> </tr> <tr> <td>Open Workspace...</td> <td>Ctrl+F11</td> </tr> <tr> <td>Save Window As...</td> <td>Ctrl+F12</td> </tr> <tr> <td>Save Window As Template...</td> <td>Ctrl+Alt+T</td> </tr> <tr> <td>Save Workspace</td> <td>F12</td> </tr> <tr> <td>Save Workspace As...</td> <td>Shift+F12</td> </tr> <tr> <td>Save Workspace As Default</td> <td>F6</td> </tr> <tr> <td>Exit</td> <td></td> </tr> </tbody> </table>	Menu Item	Shortcut	Login...	F9	Logout	Ctrl+F9	Open Window...	F11	Open Workspace...	Ctrl+F11	Save Window As...	Ctrl+F12	Save Window As Template...	Ctrl+Alt+T	Save Workspace	F12	Save Workspace As...	Shift+F12	Save Workspace As Default	F6	Exit	
Menu Item	Shortcut																						
Login...	F9																						
Logout	Ctrl+F9																						
Open Window...	F11																						
Open Workspace...	Ctrl+F11																						
Save Window As...	Ctrl+F12																						
Save Window As Template...	Ctrl+Alt+T																						
Save Workspace	F12																						
Save Workspace As...	Shift+F12																						
Save Workspace As Default	F6																						
Exit																							

STEPS	DESCRIPTION
	<p>The Save Window dialog box is displayed.</p> 
2	<ul style="list-style-type: none"> • Navigate to the directory (APL Dir) where you will save the Data Window • Enter a name for the Data Window • Click Save  <p>Note: Although you are asked to name the Data Window, in fact you are naming the file that will be stored. This name has nothing to do with the actual name of the Data Window. To change or edit the Data Window title, refer to section 8.6, Editing Window Title</p>

A.3 Window Functions within the Workspace.

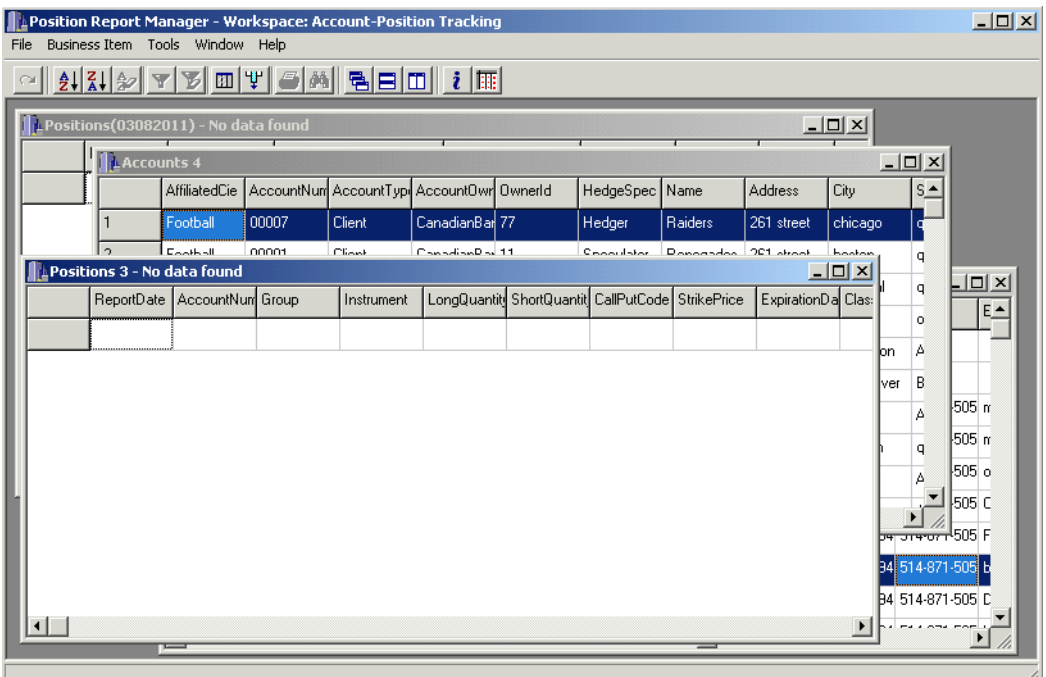
As mentioned above, more than one Data window for multiple Business Items can be opened within a Workspace. To track or monitor a specific window within many windows in a Workspace, the Main Menu item '**Window**' contains a number of functions that will facilitate this.



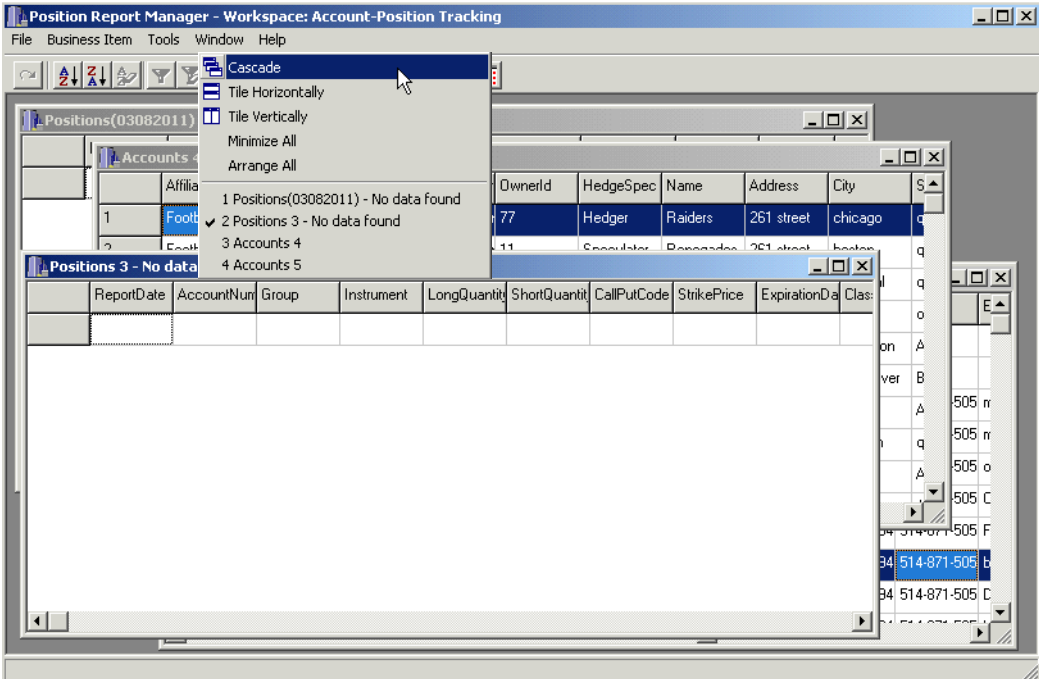
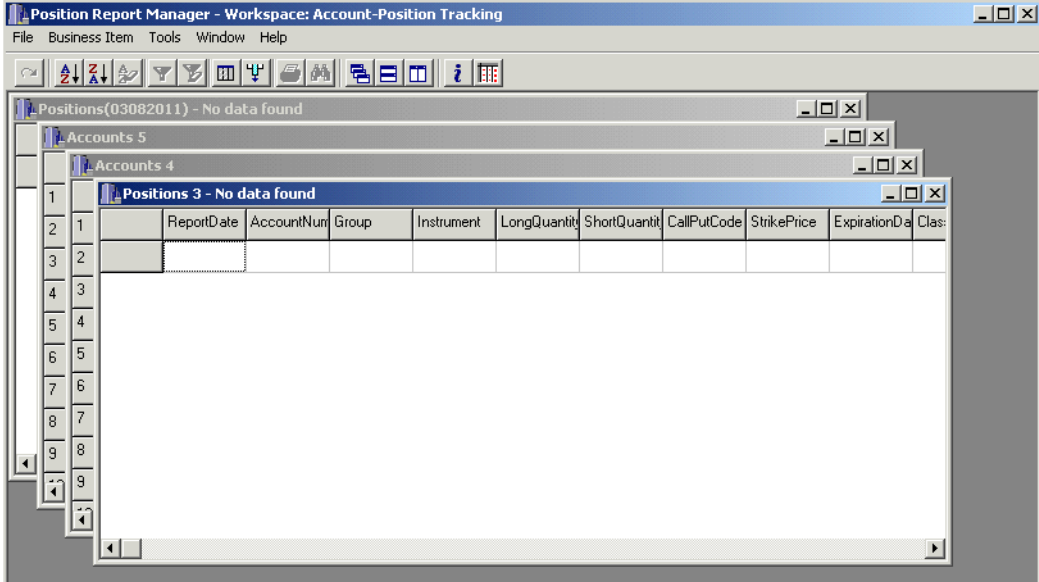
Functions such as:

- Cascade
- Tile Horizontally
- Tile Vertically
- Minimizing All
- Arranging All
- Active Window Listing

A.3.1 Cascade


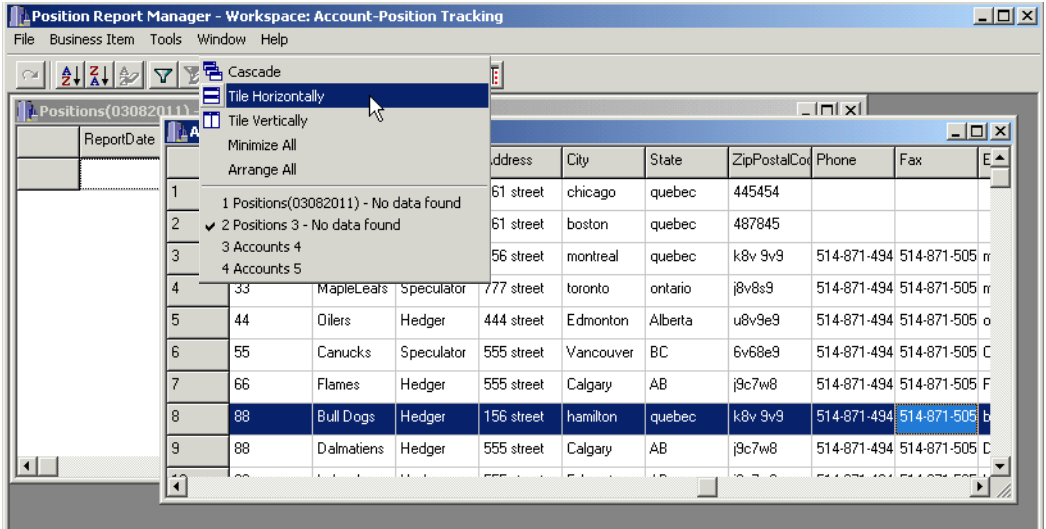
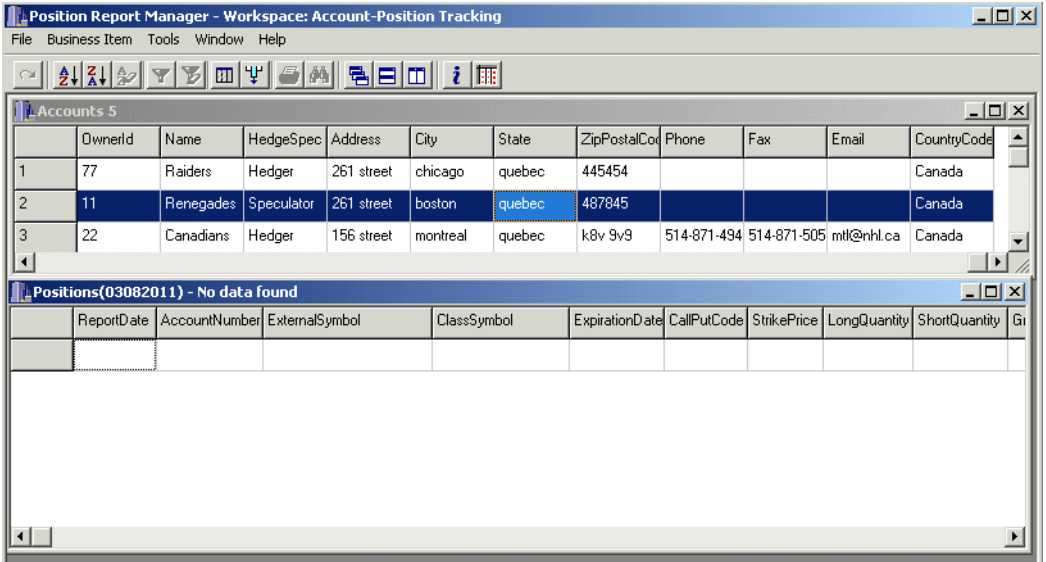
The following table illustrates the **Cascade** function on a Workspace containing four (4) Data windows opened at random.

STEPS	DESCRIPTION
	<p>The Workspace below contains four (4) randomly opened Data windows.</p> 

STEPS	DESCRIPTION
1	<p>From within the Workspace, do either of the following to Cascade the windows:</p> <ul style="list-style-type: none"> From the Main Menu, select Window > Cascade as shown below  <ul style="list-style-type: none"> From the Toolbar, select  
	<p>The Workspace now displays the Data Windows as follows.</p> 


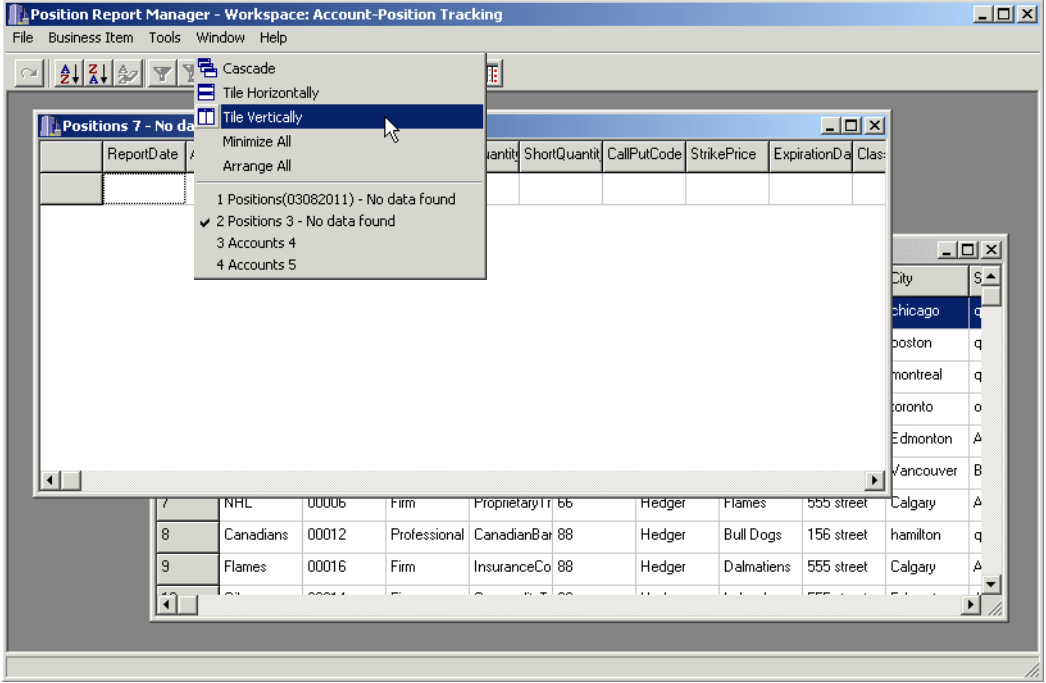
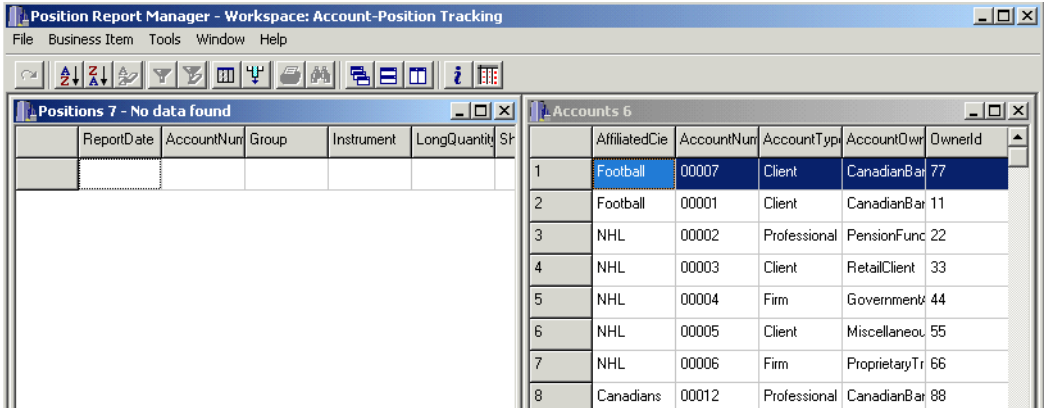
A.3.2 Tile Horizontally

The following illustrates the **Tile Horizontally** function on two Data windows.

STEPS	DESCRIPTION																																																																						
1	<p>From within the Workspace, do either of the following to tile the windows horizontally:</p> <ul style="list-style-type: none"> From the main menu, select Window > Tile Horizontally as shown below From the Toolbar, select  																																																																						
	 <p>The screenshot shows the 'Position Report Manager - Workspace: Account-Position Tracking' application. The 'Window' menu is open, and 'Tile Horizontally' is highlighted. The background table contains the following data:</p> <table border="1"> <thead> <tr> <th>ReportDate</th> <th>Address</th> <th>City</th> <th>State</th> <th>ZipPostalCod</th> <th>Phone</th> <th>Fax</th> </tr> </thead> <tbody> <tr><td>1</td><td>61 street</td><td>chicago</td><td>quebec</td><td>445454</td><td></td><td></td></tr> <tr><td>2</td><td>61 street</td><td>boston</td><td>quebec</td><td>487845</td><td></td><td></td></tr> <tr><td>3</td><td>56 street</td><td>montreal</td><td>quebec</td><td>k8v 9v9</td><td>514-871-494</td><td>514-871-505</td></tr> <tr><td>4</td><td>77 street</td><td>toronto</td><td>ontario</td><td>j8v8s9</td><td>514-871-494</td><td>514-871-505</td></tr> <tr><td>5</td><td>444 street</td><td>Edmonton</td><td>Alberta</td><td>u8v9e9</td><td>514-871-494</td><td>514-871-505</td></tr> <tr><td>6</td><td>555 street</td><td>Vancouver</td><td>BC</td><td>6v68e9</td><td>514-871-494</td><td>514-871-505</td></tr> <tr><td>7</td><td>555 street</td><td>Calgary</td><td>AB</td><td>j9c7w8</td><td>514-871-494</td><td>514-871-505</td></tr> <tr><td>8</td><td>156 street</td><td>hamilton</td><td>quebec</td><td>k8v 9v9</td><td>514-871-494</td><td>514-871-505</td></tr> <tr><td>9</td><td>555 street</td><td>Calgary</td><td>AB</td><td>j9c7w8</td><td>514-871-494</td><td>514-871-505</td></tr> </tbody> </table>	ReportDate	Address	City	State	ZipPostalCod	Phone	Fax	1	61 street	chicago	quebec	445454			2	61 street	boston	quebec	487845			3	56 street	montreal	quebec	k8v 9v9	514-871-494	514-871-505	4	77 street	toronto	ontario	j8v8s9	514-871-494	514-871-505	5	444 street	Edmonton	Alberta	u8v9e9	514-871-494	514-871-505	6	555 street	Vancouver	BC	6v68e9	514-871-494	514-871-505	7	555 street	Calgary	AB	j9c7w8	514-871-494	514-871-505	8	156 street	hamilton	quebec	k8v 9v9	514-871-494	514-871-505	9	555 street	Calgary	AB	j9c7w8	514-871-494	514-871-505
ReportDate	Address	City	State	ZipPostalCod	Phone	Fax																																																																	
1	61 street	chicago	quebec	445454																																																																			
2	61 street	boston	quebec	487845																																																																			
3	56 street	montreal	quebec	k8v 9v9	514-871-494	514-871-505																																																																	
4	77 street	toronto	ontario	j8v8s9	514-871-494	514-871-505																																																																	
5	444 street	Edmonton	Alberta	u8v9e9	514-871-494	514-871-505																																																																	
6	555 street	Vancouver	BC	6v68e9	514-871-494	514-871-505																																																																	
7	555 street	Calgary	AB	j9c7w8	514-871-494	514-871-505																																																																	
8	156 street	hamilton	quebec	k8v 9v9	514-871-494	514-871-505																																																																	
9	555 street	Calgary	AB	j9c7w8	514-871-494	514-871-505																																																																	
	<p>The Workspace now displays the Data windows as follows.</p>  <p>The screenshot shows the workspace with two tiled data windows. The top window is 'Accounts 5' and the bottom window is 'Positions(03082011) - No data found'.</p> <table border="1"> <thead> <tr> <th>Ownerid</th> <th>Name</th> <th>HedgeSpec</th> <th>Address</th> <th>City</th> <th>State</th> <th>ZipPostalCod</th> <th>Phone</th> <th>Fax</th> <th>Email</th> <th>CountryCode</th> </tr> </thead> <tbody> <tr><td>1</td><td>77</td><td>Raiders</td><td>Hedger</td><td>261 street</td><td>chicago</td><td>quebec</td><td>445454</td><td></td><td></td><td>Canada</td></tr> <tr><td>2</td><td>11</td><td>Renegades</td><td>Speculator</td><td>261 street</td><td>boston</td><td>quebec</td><td>487845</td><td></td><td></td><td>Canada</td></tr> <tr><td>3</td><td>22</td><td>Canadians</td><td>Hedger</td><td>156 street</td><td>montreal</td><td>quebec</td><td>k8v 9v9</td><td>514-871-494</td><td>514-871-505</td><td>mtk@nhl.ca</td><td>Canada</td></tr> </tbody> </table>	Ownerid	Name	HedgeSpec	Address	City	State	ZipPostalCod	Phone	Fax	Email	CountryCode	1	77	Raiders	Hedger	261 street	chicago	quebec	445454			Canada	2	11	Renegades	Speculator	261 street	boston	quebec	487845			Canada	3	22	Canadians	Hedger	156 street	montreal	quebec	k8v 9v9	514-871-494	514-871-505	mtk@nhl.ca	Canada																									
Ownerid	Name	HedgeSpec	Address	City	State	ZipPostalCod	Phone	Fax	Email	CountryCode																																																													
1	77	Raiders	Hedger	261 street	chicago	quebec	445454			Canada																																																													
2	11	Renegades	Speculator	261 street	boston	quebec	487845			Canada																																																													
3	22	Canadians	Hedger	156 street	montreal	quebec	k8v 9v9	514-871-494	514-871-505	mtk@nhl.ca	Canada																																																												

A.3.3 Tile Vertically

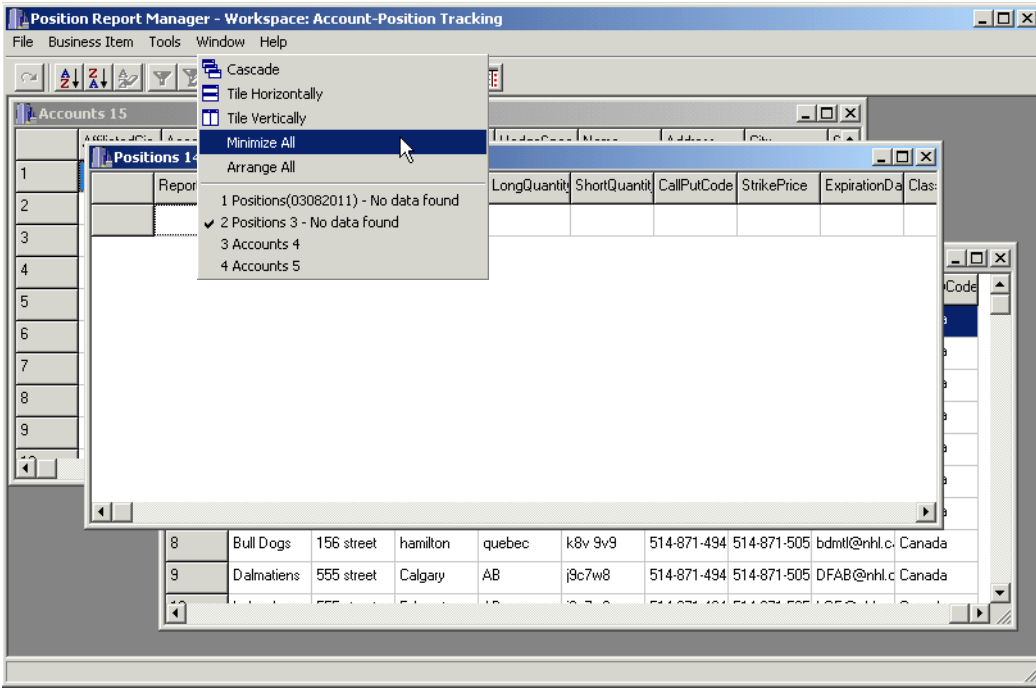
The following illustrates the **Tile Vertically** function on two Data Windows.

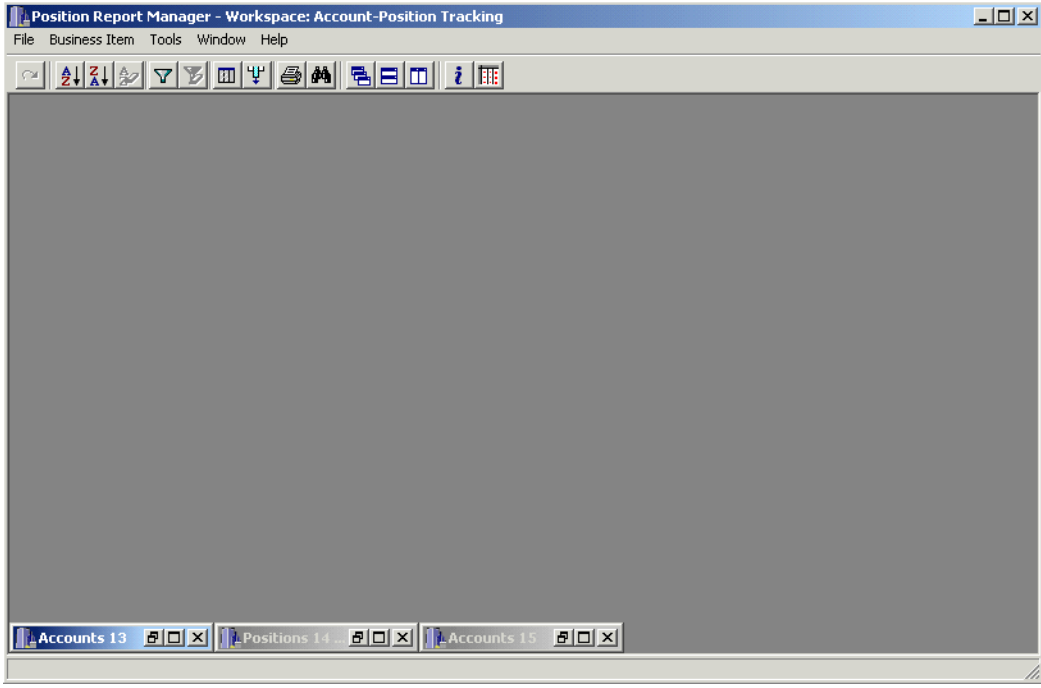
STEPS	DESCRIPTION
1	<p>From within the Workspace, do either of the following to tile the windows vertically :</p> <ul style="list-style-type: none"> From the main menu, select Window > Tile Vertically as shown above From the Toolbar, select   <p>The Workspace now displays the Data Windows as follows.</p> 

Note: The **Tile Horizontally** and **Tile Vertically** can sometimes display the same result when arranging open windows, depending on the number of windows that are 'open'. Initially, the Tile Horizontally will attempt to display open windows from top to bottom of the Workspace, while the Tile Vertically displays the windows from left to right. If enough windows are open, both features display the windows from top to bottom and from left to right. The top leftmost window in both cases is the last window opened, while the window in the bottom lower right of the Workspace is the first window opened.

A.3.4 Minimizing Windows

The following table illustrates the **Minimize All** function on four (4) Data Windows.

STEPS	DESCRIPTION
1	<p>From within the Workspace, do the following to Minimize the windows:</p> <ul style="list-style-type: none"> From the main menu, select Window > Minimize All as shown below 
	The Workspace now displays the Data windows as follows.

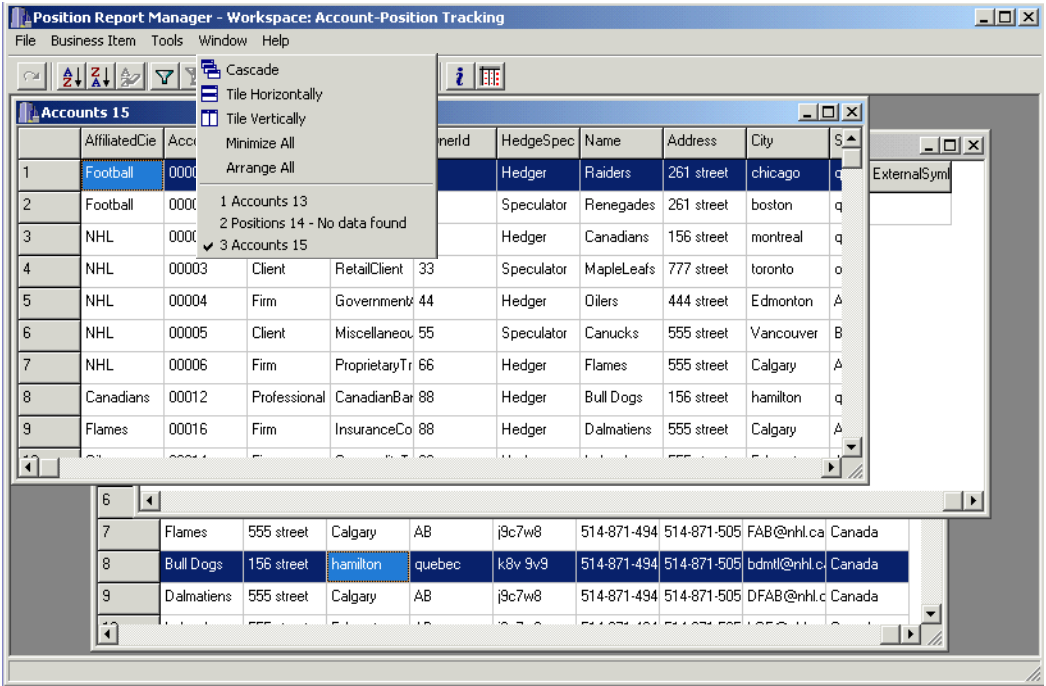
STEPS	DESCRIPTION
	

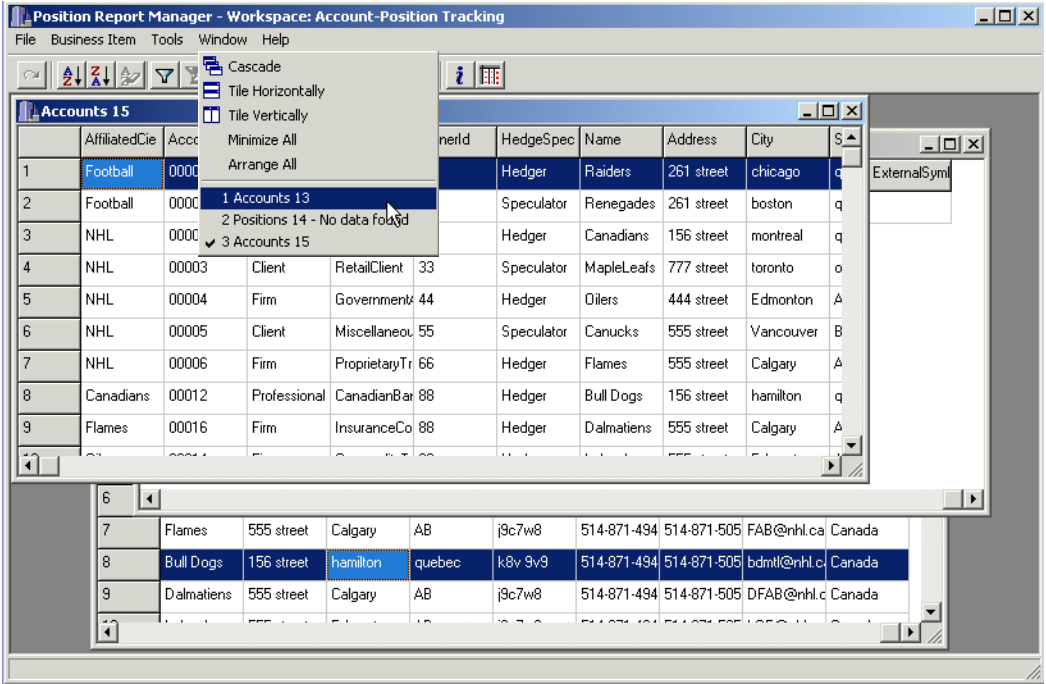
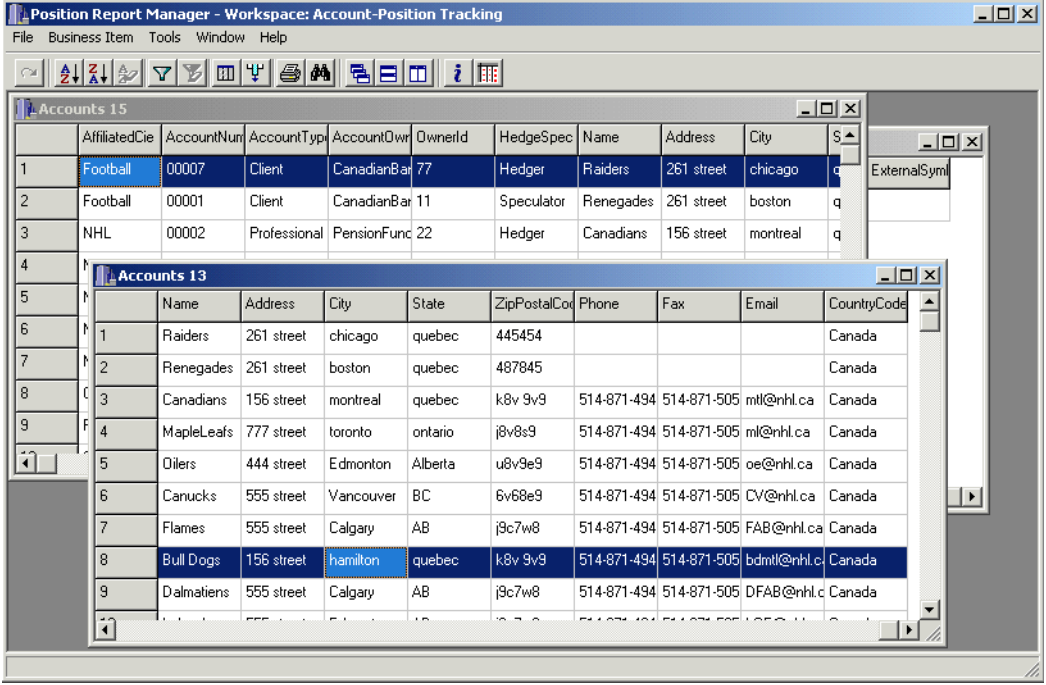
A.3.5 Arranging all Windows

This feature will simply arrange 'minimized windows' in the same fashion that the Minimize All function does. Open windows are not affected by this feature. Only minimized windows will be re-arranged in the event they have been dragged to another location within the Workspace

A.3.6 Active Window Selection

This feature enables you to select a specific window among many windows within a workspace. From the main menu select **Window**. Open window names are listed at the bottom of the sub-menu, with a ✓ next to the active window in the workspace. Click on the required Data Window, and it becomes the active window.

STEPS	DESCRIPTION
1	<p>From within a Workspace with multiple open Data windows, do the following:</p> <ul style="list-style-type: none"> From the main menu, select Window 
2	<p>The Active Data window contains the ✓ beside it.</p> <p>To change to another Data window:</p> <ul style="list-style-type: none"> Click the filename as indicated below

STEPS	DESCRIPTION																																																																																										
	 <p>The screenshot shows the 'Position Report Manager - Workspace: Account-Position Tracking' application. A window titled 'Accounts 15' is active, displaying a table with columns: AffiliatedCie, AccountNum, AccountType, AccountOwr, OwnerId, HedgeSpec, Name, Address, and City. A context menu is open over the window, showing options: Cascade, Tile Horizontally, Tile Vertically, Minimize All, and Arrange All. The table data includes rows for Football, NHL, and Flames.</p> <table border="1"> <thead> <tr> <th>AffiliatedCie</th> <th>AccountNum</th> <th>AccountType</th> <th>AccountOwr</th> <th>OwnerId</th> <th>HedgeSpec</th> <th>Name</th> <th>Address</th> <th>City</th> </tr> </thead> <tbody> <tr> <td>Football</td> <td>0000</td> <td></td> <td></td> <td></td> <td>Hedger</td> <td>Raiders</td> <td>261 street</td> <td>chicago</td> </tr> <tr> <td>Football</td> <td>0000</td> <td></td> <td></td> <td></td> <td>Speculator</td> <td>Renegades</td> <td>261 street</td> <td>boston</td> </tr> <tr> <td>NHL</td> <td>0000</td> <td></td> <td></td> <td></td> <td>Hedger</td> <td>Canadians</td> <td>156 street</td> <td>montreal</td> </tr> <tr> <td>NHL</td> <td>00003</td> <td>Client</td> <td>RetailClient</td> <td>33</td> <td>Speculator</td> <td>MapleLeafs</td> <td>777 street</td> <td>toronto</td> </tr> <tr> <td>NHL</td> <td>00004</td> <td>Firm</td> <td>Government</td> <td>44</td> <td>Hedger</td> <td>Oilers</td> <td>444 street</td> <td>Edmonton</td> </tr> <tr> <td>NHL</td> <td>00005</td> <td>Client</td> <td>Miscellaneous</td> <td>55</td> <td>Speculator</td> <td>Canucks</td> <td>555 street</td> <td>Vancouver</td> </tr> <tr> <td>NHL</td> <td>00006</td> <td>Firm</td> <td>ProprietaryTr</td> <td>66</td> <td>Hedger</td> <td>Flames</td> <td>555 street</td> <td>Calgary</td> </tr> <tr> <td>Canadians</td> <td>00012</td> <td>Professional</td> <td>CanadianBar</td> <td>88</td> <td>Hedger</td> <td>Bull Dogs</td> <td>156 street</td> <td>hamilton</td> </tr> <tr> <td>Flames</td> <td>00016</td> <td>Firm</td> <td>InsuranceCo</td> <td>88</td> <td>Hedger</td> <td>Dalmatians</td> <td>555 street</td> <td>Calgary</td> </tr> </tbody> </table>	AffiliatedCie	AccountNum	AccountType	AccountOwr	OwnerId	HedgeSpec	Name	Address	City	Football	0000				Hedger	Raiders	261 street	chicago	Football	0000				Speculator	Renegades	261 street	boston	NHL	0000				Hedger	Canadians	156 street	montreal	NHL	00003	Client	RetailClient	33	Speculator	MapleLeafs	777 street	toronto	NHL	00004	Firm	Government	44	Hedger	Oilers	444 street	Edmonton	NHL	00005	Client	Miscellaneous	55	Speculator	Canucks	555 street	Vancouver	NHL	00006	Firm	ProprietaryTr	66	Hedger	Flames	555 street	Calgary	Canadians	00012	Professional	CanadianBar	88	Hedger	Bull Dogs	156 street	hamilton	Flames	00016	Firm	InsuranceCo	88	Hedger	Dalmatians	555 street	Calgary
AffiliatedCie	AccountNum	AccountType	AccountOwr	OwnerId	HedgeSpec	Name	Address	City																																																																																			
Football	0000				Hedger	Raiders	261 street	chicago																																																																																			
Football	0000				Speculator	Renegades	261 street	boston																																																																																			
NHL	0000				Hedger	Canadians	156 street	montreal																																																																																			
NHL	00003	Client	RetailClient	33	Speculator	MapleLeafs	777 street	toronto																																																																																			
NHL	00004	Firm	Government	44	Hedger	Oilers	444 street	Edmonton																																																																																			
NHL	00005	Client	Miscellaneous	55	Speculator	Canucks	555 street	Vancouver																																																																																			
NHL	00006	Firm	ProprietaryTr	66	Hedger	Flames	555 street	Calgary																																																																																			
Canadians	00012	Professional	CanadianBar	88	Hedger	Bull Dogs	156 street	hamilton																																																																																			
Flames	00016	Firm	InsuranceCo	88	Hedger	Dalmatians	555 street	Calgary																																																																																			
	<p>This Data Window is now the active window.</p>  <p>The screenshot shows the 'Position Report Manager - Workspace: Account-Position Tracking' application. A window titled 'Accounts 13' is now the active window, displaying a table with columns: Name, Address, City, State, ZipPostalCod, Phone, Fax, Email, and CountryCode. The table data includes rows for Raiders, Renegades, Canadians, MapleLeafs, Oilers, Canucks, Flames, Bull Dogs, and Dalmatians.</p> <table border="1"> <thead> <tr> <th>Name</th> <th>Address</th> <th>City</th> <th>State</th> <th>ZipPostalCod</th> <th>Phone</th> <th>Fax</th> <th>Email</th> <th>CountryCode</th> </tr> </thead> <tbody> <tr> <td>Raiders</td> <td>261 street</td> <td>chicago</td> <td>quebec</td> <td>445454</td> <td></td> <td></td> <td></td> <td>Canada</td> </tr> <tr> <td>Renegades</td> <td>261 street</td> <td>boston</td> <td>quebec</td> <td>487845</td> <td></td> <td></td> <td></td> <td>Canada</td> </tr> <tr> <td>Canadians</td> <td>156 street</td> <td>montreal</td> <td>quebec</td> <td>k8v 9v9</td> <td>514-871-494</td> <td>514-871-505</td> <td>mtt@nhl.ca</td> <td>Canada</td> </tr> <tr> <td>MapleLeafs</td> <td>777 street</td> <td>toronto</td> <td>ontario</td> <td>j8v8s9</td> <td>514-871-494</td> <td>514-871-505</td> <td>ml@nhl.ca</td> <td>Canada</td> </tr> <tr> <td>Oilers</td> <td>444 street</td> <td>Edmonton</td> <td>Alberta</td> <td>u8v9e9</td> <td>514-871-494</td> <td>514-871-505</td> <td>oe@nhl.ca</td> <td>Canada</td> </tr> <tr> <td>Canucks</td> <td>555 street</td> <td>Vancouver</td> <td>BC</td> <td>6v68e9</td> <td>514-871-494</td> <td>514-871-505</td> <td>CV@nhl.ca</td> <td>Canada</td> </tr> <tr> <td>Flames</td> <td>555 street</td> <td>Calgary</td> <td>AB</td> <td>j9c7w8</td> <td>514-871-494</td> <td>514-871-505</td> <td>FAB@nhl.ca</td> <td>Canada</td> </tr> <tr> <td>Bull Dogs</td> <td>156 street</td> <td>hamilton</td> <td>quebec</td> <td>k8v 9v9</td> <td>514-871-494</td> <td>514-871-505</td> <td>bdmtt@nhl.c</td> <td>Canada</td> </tr> <tr> <td>Dalmatians</td> <td>555 street</td> <td>Calgary</td> <td>AB</td> <td>j9c7w8</td> <td>514-871-494</td> <td>514-871-505</td> <td>DFAB@nhl.c</td> <td>Canada</td> </tr> </tbody> </table>	Name	Address	City	State	ZipPostalCod	Phone	Fax	Email	CountryCode	Raiders	261 street	chicago	quebec	445454				Canada	Renegades	261 street	boston	quebec	487845				Canada	Canadians	156 street	montreal	quebec	k8v 9v9	514-871-494	514-871-505	mtt@nhl.ca	Canada	MapleLeafs	777 street	toronto	ontario	j8v8s9	514-871-494	514-871-505	ml@nhl.ca	Canada	Oilers	444 street	Edmonton	Alberta	u8v9e9	514-871-494	514-871-505	oe@nhl.ca	Canada	Canucks	555 street	Vancouver	BC	6v68e9	514-871-494	514-871-505	CV@nhl.ca	Canada	Flames	555 street	Calgary	AB	j9c7w8	514-871-494	514-871-505	FAB@nhl.ca	Canada	Bull Dogs	156 street	hamilton	quebec	k8v 9v9	514-871-494	514-871-505	bdmtt@nhl.c	Canada	Dalmatians	555 street	Calgary	AB	j9c7w8	514-871-494	514-871-505	DFAB@nhl.c	Canada
Name	Address	City	State	ZipPostalCod	Phone	Fax	Email	CountryCode																																																																																			
Raiders	261 street	chicago	quebec	445454				Canada																																																																																			
Renegades	261 street	boston	quebec	487845				Canada																																																																																			
Canadians	156 street	montreal	quebec	k8v 9v9	514-871-494	514-871-505	mtt@nhl.ca	Canada																																																																																			
MapleLeafs	777 street	toronto	ontario	j8v8s9	514-871-494	514-871-505	ml@nhl.ca	Canada																																																																																			
Oilers	444 street	Edmonton	Alberta	u8v9e9	514-871-494	514-871-505	oe@nhl.ca	Canada																																																																																			
Canucks	555 street	Vancouver	BC	6v68e9	514-871-494	514-871-505	CV@nhl.ca	Canada																																																																																			
Flames	555 street	Calgary	AB	j9c7w8	514-871-494	514-871-505	FAB@nhl.ca	Canada																																																																																			
Bull Dogs	156 street	hamilton	quebec	k8v 9v9	514-871-494	514-871-505	bdmtt@nhl.c	Canada																																																																																			
Dalmatians	555 street	Calgary	AB	j9c7w8	514-871-494	514-871-505	DFAB@nhl.c	Canada																																																																																			

Appendix B Acronyms and Definitions

B.1 Acronyms

The following table defines some of the acronyms that are used in this document.

ACRONYM	DEFINITION
CSV	Comma Separated Value
ETX	End-of-Text
ID	Identification
LOPR	Large Open Position Reporting
MX	Montréal Exchange Inc.
MX-R	Montréal Exchange Inc. - Regulatory
SAIL	SOLA [®] Access Information Language

B.2 Account Owner Types

ACCOUNT OWNER TYPE	DEFINITION
Canadian Bank	A Schedule 'A' Bank or Credit Union.
Foreign Bank	A Schedule 'B' Bank or a bank based outside Canada.
Canadian Broker	A Broker based in Canada that is a member of IIROC.
Foreign Broker	A Broker based outside Canada.
Fund Manager	A professional who manages various securities and assets to meet his or her clients' specified investment goals (e.g., pool operator, options advisor).
Pension Fund	Any plan, fund (including pension fund of government-owned corporation or State-owned enterprise), or program that provides retirement income to employees or that includes schemes that result in a deferral of income by employees.
Government and State Owned Companies	A Government Ministry or a legal entity created by a government to undertake commercial activities for an owner government.
Retail Client	Generally refers to individuals, families and small businesses.
Insurance Company	A company that provides insurance coverage to a person or entity that buys an insurance policy.
Miscellaneous	Refers to all other client types.
Hedge Funds	An investment fund open to a limited number of investors, and that takes on investments that carry a higher degree of risk than the risk taken by traditional investment funds.

ACCOUNT OWNER TYPE	DEFINITION
Mutual Funds	A professionally managed investment scheme that pools money from investors and that invests it in various investment securities.
Commodity Trading Advisor (CTA)	An asset manager or a firm that invests in the futures market.
Corporate	An entity that is engaged in a commercial activity (other than portfolio management and other than Financial institutions, brokers and Government - owned corporation) that is granted a charter recognizing it as a separate legal entity which has its own rights, privileges, and liabilities and which are distinct from those of its shareholders.
Proprietary Trading Firms Primarily Algorithmic	A Trader who trades primarily for his or her own account using a computer programmed with an algorithm.
Proprietary Trading Firms Local	A Trader who trades primarily for his or her own account.

B.3 Account Types

ACCOUNT TYPE	DEFINITION
Client	Means an order for a security or a derivative instrument entered for the account of a customer of any Approved Participant, or of a customer of a related firm of an Approved Participant, but does not include an order entered for an account in which an Approved Participant, a related firm of an Approved Participant, a person approved by the Bourse or a restricted trading permit holder has a direct or indirect interest, other than an interest in a commission charged.
Firm	Means an order for a security or a derivative instrument for an account in which the Approved Participant or a related firm of the Approved Participant has a direct or indirect interest, other than an interest in a commission charged.
Market Maker	An account established by an Approved Participant that is confined to transactions executed by and positions carried by the Approved Participant on behalf of a Market-Maker.
Omnibus	An account held in the name of an entity or person which may be utilized for recording and clearing the trades of two or more undisclosed customers of the account holder.
Professional	Means an order for a security or a derivative instrument for an account in which a director, officer, partner, employee or agent of an Approved Participant or of a related firm of the Approved Participant, a person approved by the Bourse or a restricted trading permit holder has a direct or indirect interest, other than an interest in a commission charged. The Bourse may designate any order as being an order for the account of a professional if, in its opinion, circumstances justify it.

B.4 Account Ownership

For the purposes of the LOPR project, the account ownership shall be determined by applying the following subsequent steps:

- A. Person or entity that has more than 50% ownership interest in the account
- B. Name of the account (e.g. Mr. and Mrs. Smith, ABC Investment club),

It is the approved participants' responsibility to determine account ownership based on the information that has been or can be provided by the account owner(s). In case of doubt, approved participants should not hesitate to communicate with the Division to assist them in determining whether or not accounts should be considered as having the same owner(s).

Note: The Account Owner "Name" field can accommodate up to 25 characters. If the full account owner name should exceed 25 characters, use abbreviations which best describes the entity. (Do not hesitate to contact the Regulatory division for guidance).

B.5 Account Owner ID

The Account Owner ID field will allow the Division to assign a unique identifier to a **Beneficial Account Owner** in order to aggregate positions through different account numbers across all approved participants for each said account owner. For more information on aggregating positions, refer to [B.6, Account Aggregation on page 107](#).

The following guidelines are to be used when populating the Account Owner ID field for LOPR with possible escalation when there is a legitimate unavailability of the required information:

- A. For an account in the name of an individual or of a registered¹ or corporate entity owned exclusively² by this individual:

The Account Owner ID unique identifier that must be used are:

- For Canadian residents: last 4 digits of the Social Insurance Number (SIN)
- For U.S. residents : Social Security Number (SSN)
- For other countries residents: similar number such as, for example, tax identification number

If, and only if, the above identifiers are unavailable, approved participants will be allowed to use one of the following identifiers:

1. Internal identifier used by the approved participant to link accounts belonging to the same beneficial account owner within the firm.
2. Account owner's last name

1. The term " registered " means a business name that has been registered by an individual in order to reserve that name. A registered entity is not a corporation.
2. An example of a corporation exclusively owned by an individual is a personal holding corporation created for tax or estate planning purposes.

- B. For an account belonging to multiple individuals (partnerships, joint accounts, investment clubs, registered entities other than corporations, etc) :
 - 1. If one of the account owners holds an ownership interest of more than 50% in the account, then use the succession of identifiers found in A) above related to this account owner.
 - 2. For all other circumstances populate field with account's name (e.g. Mr. & Mrs. Smith, ABC Investment club etc.). Please note that the Account Owner ID field can accommodate up to 24 characters. If the full account name should exceed 24 characters, create an acronym from the entity's legal name. (Do not hesitate to contact the Regulatory division for guidance).
- C. For an account belonging to a Corporation other than a Corporation 100% owned by one individual (see A) above:
 - 1. If the corporation is more than 50% owned by an individual, then use the succession of identifiers found in A) above related to this account owner.
 - 2. If the corporation is more than 50% owned by another corporation, then use the incorporation number of the controlling corporation.
 - 3. For other cases, the Account Owner unique identifier that must be used is the incorporation number of the corporation in whose name the account is opened.

If, and only if, the above identifiers are not available, approved participants will be allowed to use one of the following identifiers:

- 1. Internal identifier used by the approved participant to link accounts belonging to the same beneficial account owner within the firm.
 - 2. Account owner corporate legal name. Please note that the Account Owner ID field can accommodate up to 24 characters. If the full account owner corporate legal name should exceed 24 characters create an acronym from the legal name. (Do not hesitate to contact the Regulatory division for guidance).
- D. For any account not covered in sections A) B) or C)
 - 1. Registration number (e.g.: charitable organization)
 - 2. Internal identifier used by the approved participant to link accounts belonging to the same beneficial account owner within the firm.
 - 3. Account owner legal name. Please note that the Account Owner ID field can accommodate up to 24 characters. If the full account owner legal name should exceed 24 characters create an acronym from the legal name. (Do not hesitate to contact the Regulatory division for guidance).

B.6 Account Aggregation

In order to determine if the reporting threshold is attained, approved participants must aggregate positions belonging to the same beneficial account owner as previously defined in sections B.4 and B.5 above.

The following guidelines are to be used when aggregating by beneficial Account Owner for LOPR:

- A. Aggregate positions for all accounts in the name of an individual and for all registered or corporate entities owned exclusively by that single individual.
- B. For accounts belonging to multiple individuals (partnerships, joint accounts, investment clubs, registered entities other than corporations, etc), aggregate positions to the account owner who holds an ownership interest of more than 50% in the account.
- C. For accounts belonging to a corporation, other than 100% owned by one individual, or any other entity, aggregation of position shall be done by beneficial ownership of the account.

In all cases, aggregation of positions shall be done by beneficial account owner as determined by the approved participant and/or its clients and/or its account owners directly. Accounts traded by registered persons pursuant to some discretionary trading authorization such as managed accounts and discretionary (carte blanche) accounts must not be aggregated except for those accounts that have a common beneficial owner.

Once it has been determined that the reporting threshold has been attained for a beneficial account owner after aggregating all positions held in his accounts, each of these accounts containing positions must be reported separately in LOPR.

Example: same account owner (Mr. X) may have multiple accounts

RRSP: Long 50 CALL RIM @ 50 JUN 11

TFSA : Long 200 PUT RIM @ 52 SEP 11

Margin CDN: Long 50 CALL RIM @ 60 JAN 12

Although the accounts taken individually do not meet the reporting threshold, once aggregated by account owner (Mr. X) the cumulative open position exceeds the reporting threshold (300 total open contracts on same underlying). Therefore, each of the three accounts above must be reported and this in a separate manner.



Montréal Exchange Inc..
Tour de la Bourse,
P.O. Box 61, 800 Victoria Square
Montréal, Quebec H4Z 1A9
Canada

phone: 514.871.2424
toll free: 1.800.361.5353
fax: 514.871.3584
e-mail: SAMSUPPORT@m-x.ca
website: www.m-x.ca