A Guide To The

# **GM Basis Calculator**

By Denver Tax Software, Inc.

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# **Contents**

System Requirements       3         Limitations       3         Installation       3         Network Installation       4         Starting this program       4         GM Stock Basis       5         Overview       5         Terminology       5         Spin-Offs       5         Mergers and Acquisitions       5         Stock Splits       6         GM "Family" Transactions Worth Noting       6         In General       6         December 19, 1997 Raytheon Spin-Off & Merger       6         May 28, 2000 GM Tender Offer       6         May 14, 2001 Raytheon       6         January, 2004 News Corporation       6	Purpose Getting The Most Out Of This Program Quick Start How To Get A Complete Understanding Of This Program  Installing and Running  System Requirements Limitations Installation Installing To A Single Machine. Network Installation Starting this program  GM Stock Basis  Overview Terminology Spin-Offs Mergers and Acquisitions Stock Splits GM "Family" Transactions Worth Noting In General December 19, 1997 Raytheon Spin-Off & Merger May 28, 2000 GM Tender Offer May 14, 2001 Raytheon January, 2004 News Corporation  Using The Basis Calculator  The Startup Options Screen The Main Window Basic Parts Of The Main Window Menu	Overview		1
Purpose	Purpose Getting The Most Out Of This Program Quick Start	Why Us	se This Program	
Getting The Most Out Of This Program       1         Quick Start.       1         How To Get A Complete Understanding Of This Program       2         Installing and Running       3         System Requirements       3         Limitations       3         Installation       3         Installing To A Single Machine       4         Network Installation       4         Starting this program       4         GM Stock Basis       5         Overview       5         Terminology       5         Spin-Offs       5         Mergers and Acquisitions       5         Stock Splits       6         GM "Family" Transactions Worth Noting       6         In General       6         December 19, 1997 Raytheon Spin-Off & Merger       6         May 28, 2000 GM Tender Offer       6         May 14, 2001 Raytheon       6         January, 2004 News Corporation       6         Using The Basis Calculator       7         The Startup Options Screen       7         The Main Window       8	Getting The Most Out Of This Program Quick Start How To Get A Complete Understanding Of This Program  Installing and Running  System Requirements Limitations. Installation Installing To A Single Machine Network Installation Starting this program  GM Stock Basis  Overview Terminology Spin-Offs Mergers and Acquisitions Stock Splits.  GM "Family" Transactions Worth Noting In General December 19, 1997 Raytheon Spin-Off & Merger. May 28, 2000 GM Tender Offer May 14, 2001 Raytheon January, 2004 News Corporation  Using The Basis Calculator The Startup Options Screen The Main Window Basic Parts Of The Main Window Menu  Inputs  Entering Information Data Entry How To Move Around The Input Screens 1 How To Move Around The Input Screens 1 How To Move Around The Input Screens 1			
Quick Start	Quick Start	Getting		
System Requirements	Installing and Running  System Requirements Limitations Installation Installing To A Single Machine Network Installation Starting this program  GM Stock Basis  Overview Terminology Spin-Offs Mergers and Acquisitions Stock Splits. GM "Family" Transactions Worth Noting In General December 19, 1997 Raytheon Spin-Off & Merger. May 28, 2000 GM Tender Offer May 14, 2001 Raytheon January, 2004 News Corporation  Using The Basis Calculator The Startup Options Screen The Main Window. Basic Parts Of The Main Window. Menu.  Inputs  1  Entering Information Data Entry. How To Move Around The Input Screens 1 How To Move Around The Input Screens 1	· ·		
System Requirements       3         Limitations       3         Installation       3         Installing To A Single Machine       4         Network Installation       4         Starting this program       4         GM Stock Basis       5         Overview       5         Terminology       5         Spin-Offs       5         Mergers and Acquisitions       5         Stock Splits       6         GM "Family" Transactions Worth Noting       6         In General       6         December 19, 1997 Raytheon Spin-Off & Merger       6         May 28, 2000 GM Tender Offer       6         May 14, 2001 Raytheon       6         January, 2004 News Corporation       6         Using The Basis Calculator       7         The Startup Options Screen       7         The Main Window       8	System Requirements Limitations Installation Installation Network Installation Starting this program  GM Stock Basis  Overview Terminology Spin-Offs Mergers and Acquisitions Stock Splits GM "Family" Transactions Worth Noting In General December 19, 1997 Raytheon Spin-Off & Merger May 28, 2000 GM Tender Offer May 14, 2001 Raytheon January, 2004 News Corporation  Using The Basis Calculator The Startup Options Screen The Main Window Basic Parts Of The Main Window Menu  Inputs  Entering Information  Data Entry. How To Move Around The Input Screens 1 How To Exit The Input Screens 1 How To Exit The Input Screens		How To Get A Complete Understanding Of This Program	2
System Requirements       3         Limitations       3         Installation       3         Installing To A Single Machine       4         Network Installation       4         Starting this program       4         GM Stock Basis       5         Overview       5         Terminology       5         Spin-Offs       5         Mergers and Acquisitions       5         Stock Splits       6         GM "Family" Transactions Worth Noting       6         In General       6         December 19, 1997 Raytheon Spin-Off & Merger       6         May 28, 2000 GM Tender Offer       6         May 14, 2001 Raytheon       6         January, 2004 News Corporation       6         Using The Basis Calculator       7         The Startup Options Screen       7         The Main Window       8	System Requirements Limitations Installation Installation Network Installation Starting this program  GM Stock Basis  Overview Terminology Spin-Offs Mergers and Acquisitions Stock Splits GM "Family" Transactions Worth Noting In General December 19, 1997 Raytheon Spin-Off & Merger May 28, 2000 GM Tender Offer May 14, 2001 Raytheon January, 2004 News Corporation  Using The Basis Calculator The Startup Options Screen The Main Window Basic Parts Of The Main Window Menu  Inputs  Entering Information  Data Entry. How To Move Around The Input Screens 1 How To Exit The Input Screens 1 How To Exit The Input Screens			
Limitations       33         Installation       33         Installing To A Single Machine       4         Network Installation       4         Starting this program       4         GM Stock Basis       5         Overview       5         Terminology       5         Spin-Offs       5         Mergers and Acquisitions       5         Stock Splits       6         GM "Family" Transactions Worth Noting       6         In General       6         December 19, 1997 Raytheon Spin-Off & Merger       6         May 28, 2000 GM Tender Offer       6         May 14, 2001 Raytheon       6         January, 2004 News Corporation       6         Using The Basis Calculator       7         The Startup Options Screen       7         The Main Window       8	Limitations Installation Installation Network Installing To A Single Machine Network Installation Starting this program  GM Stock Basis  Overview Terminology Spin-Offs Mergers and Acquisitions Stock Splits. GM "Family" Transactions Worth Noting In General December 19, 1997 Raytheon Spin-Off & Merger May 28, 2000 GM Tender Offer May 14, 2001 Raytheon January, 2004 News Corporation  Using The Basis Calculator The Startup Options Screen The Main Window Basic Parts Of The Main Window Menu  Inputs  Entering Information Data Entry How To Move Around The Input Screens 1 How To Move Around The Input Screens 1 How To Exit The Input Screens	Installing ar	nd Running	3
Installation       3         Installing To A Single Machine       4         Network Installation       4         Starting this program       4         GM Stock Basis       5         Overview       5         Terminology       5         Spin-Offs       5         Mergers and Acquisitions       5         Stock Splits       6         GM "Family" Transactions Worth Noting       6         In General       6         December 19, 1997 Raytheon Spin-Off & Merger       6         May 28, 2000 GM Tender Offer       6         May 14, 2001 Raytheon       6         January, 2004 News Corporation       6         Using The Basis Calculator       7         The Startup Options Screen       7         The Main Window       8	Installation	System	Requirements	3
Installing To A Single Machine	Installing To A Single Machine Network Installation Starting this program  GM Stock Basis  Overview Terminology Spin-Offs Mergers and Acquisitions Stock Splits.  GM "Family" Transactions Worth Noting In General December 19, 1997 Raytheon Spin-Off & Merger May 28, 2000 GM Tender Offer May 14, 2001 Raytheon January, 2004 News Corporation  Using The Basis Calculator The Startup Options Screen The Main Window Basic Parts Of The Main Window Menu  Inputs  Entering Information Data Entry How To Move Around The Input Screens I How To Move Around The Input Screens I How To Exit The Input Screens I	Limitati	ions	3
Network Installation       4         Starting this program       4         GM Stock Basis       5         Overview       5         Terminology       5         Spin-Offs       5         Mergers and Acquisitions       5         Stock Splits       6         GM "Family" Transactions Worth Noting       6         In General       6         December 19, 1997 Raytheon Spin-Off & Merger       6         May 28, 2000 GM Tender Offer       6         May 14, 2001 Raytheon       6         January, 2004 News Corporation       6         Using The Basis Calculator       7         The Startup Options Screen       7         The Main Window       8	Network Installation Starting this program  GM Stock Basis  Overview Terminology Spin-Offs Mergers and Acquisitions Stock Splits  GM "Family" Transactions Worth Noting In General December 19, 1997 Raytheon Spin-Off & Merger. May 28, 2000 GM Tender Offer May 14, 2001 Raytheon January, 2004 News Corporation  Using The Basis Calculator The Startup Options Screen The Main Window Basic Parts Of The Main Window Menu  Inputs  Inputs  1  Entering Information Data Entry I How To Move Around The Input Screens I How To Exit The Input Screens	Installat	tion	3
Starting this program       4         GM Stock Basis       5         Overview       5         Terminology       5         Spin-Offs       5         Mergers and Acquisitions       5         Stock Splits       6         GM "Family" Transactions Worth Noting       6         In General       6         December 19, 1997 Raytheon Spin-Off & Merger       6         May 28, 2000 GM Tender Offer       6         May 14, 2001 Raytheon       6         January, 2004 News Corporation       6         Using The Basis Calculator       7         The Startup Options Screen       7         The Main Window       8	Starting this program  GM Stock Basis  Overview Terminology Spin-Offs Mergers and Acquisitions Stock Splits GM "Family" Transactions Worth Noting In General December 19, 1997 Raytheon Spin-Off & Merger May 28, 2000 GM Tender Offer May 14, 2001 Raytheon January, 2004 News Corporation  Using The Basis Calculator The Startup Options Screen The Main Window Basic Parts Of The Main Window Menu  Inputs  Inputs  1  Entering Information Data Entry How To Move Around The Input Screens 1 How To Exit The Input Screens 1		Installing To A Single Machine	4
Starting this program       4         GM Stock Basis       5         Overview       5         Terminology       5         Spin-Offs       5         Mergers and Acquisitions       5         Stock Splits       6         GM "Family" Transactions Worth Noting       6         In General       6         December 19, 1997 Raytheon Spin-Off & Merger       6         May 28, 2000 GM Tender Offer       6         May 14, 2001 Raytheon       6         January, 2004 News Corporation       6         Using The Basis Calculator       7         The Startup Options Screen       7         The Main Window       8	Starting this program  GM Stock Basis  Overview Terminology Spin-Offs Mergers and Acquisitions Stock Splits GM "Family" Transactions Worth Noting In General December 19, 1997 Raytheon Spin-Off & Merger May 28, 2000 GM Tender Offer May 14, 2001 Raytheon January, 2004 News Corporation  Using The Basis Calculator The Startup Options Screen The Main Window Basic Parts Of The Main Window Menu  Inputs  Inputs  1  Entering Information Data Entry How To Move Around The Input Screens 1 How To Exit The Input Screens 1		Network Installation	4
Overview       5         Terminology       5         Spin-Offs       5         Mergers and Acquisitions       5         Stock Splits       6         GM "Family" Transactions Worth Noting       6         In General       6         December 19, 1997 Raytheon Spin-Off & Merger       6         May 28, 2000 GM Tender Offer       6         May 14, 2001 Raytheon       6         January, 2004 News Corporation       6         Using The Basis Calculator       7         The Startup Options Screen       7         The Main Window       8	Overview	Starting		
Overview       5         Terminology       5         Spin-Offs       5         Mergers and Acquisitions       5         Stock Splits       6         GM "Family" Transactions Worth Noting       6         In General       6         December 19, 1997 Raytheon Spin-Off & Merger       6         May 28, 2000 GM Tender Offer       6         May 14, 2001 Raytheon       6         January, 2004 News Corporation       6         Using The Basis Calculator       7         The Startup Options Screen       7         The Main Window       8	Overview			
Terminology       5         Spin-Offs       5         Mergers and Acquisitions       5         Stock Splits       6         GM "Family" Transactions Worth Noting       6         In General       6         December 19, 1997 Raytheon Spin-Off & Merger       6         May 28, 2000 GM Tender Offer       6         May 14, 2001 Raytheon       6         January, 2004 News Corporation       6         Using The Basis Calculator       7         The Startup Options Screen       7         The Main Window       8	Terminology	<b>GM Stock B</b>	asis	5
Terminology       5         Spin-Offs       5         Mergers and Acquisitions       5         Stock Splits       6         GM "Family" Transactions Worth Noting       6         In General       6         December 19, 1997 Raytheon Spin-Off & Merger       6         May 28, 2000 GM Tender Offer       6         May 14, 2001 Raytheon       6         January, 2004 News Corporation       6         Using The Basis Calculator       7         The Startup Options Screen       7         The Main Window       8	Terminology	Overvie	<b>W</b>	5
Spin-Offs       5         Mergers and Acquisitions       5         Stock Splits       6         GM "Family" Transactions Worth Noting       6         In General       6         December 19, 1997 Raytheon Spin-Off & Merger       6         May 28, 2000 GM Tender Offer       6         May 14, 2001 Raytheon       6         January, 2004 News Corporation       6         Using The Basis Calculator       7         The Startup Options Screen       7         The Main Window       8	Spin-Offs Mergers and Acquisitions Stock Splits GM "Family" Transactions Worth Noting In General December 19, 1997 Raytheon Spin-Off & Merger May 28, 2000 GM Tender Offer May 14, 2001 Raytheon January, 2004 News Corporation  Using The Basis Calculator The Startup Options Screen The Main Window Basic Parts Of The Main Window Menu  Inputs  Entering Information Data Entry How To Move Around The Input Screens 1 How To Exit The Input Screens 1			
Mergers and Acquisitions       5         Stock Splits       6         GM "Family" Transactions Worth Noting       6         In General       6         December 19, 1997 Raytheon Spin-Off & Merger       6         May 28, 2000 GM Tender Offer       6         May 14, 2001 Raytheon       6         January, 2004 News Corporation       6         Using The Basis Calculator       7         The Startup Options Screen       7         The Main Window       8	Mergers and Acquisitions Stock Splits GM "Family" Transactions Worth Noting In General December 19, 1997 Raytheon Spin-Off & Merger May 28, 2000 GM Tender Offer May 14, 2001 Raytheon January, 2004 News Corporation  Using The Basis Calculator The Startup Options Screen The Main Window Basic Parts Of The Main Window Menu  Inputs  1  Entering Information Data Entry How To Move Around The Input Screens 1 How To Exit The Input Screens 1			
Stock Splits       6         GM "Family" Transactions Worth Noting       6         In General       6         December 19, 1997 Raytheon Spin-Off & Merger       6         May 28, 2000 GM Tender Offer       6         May 14, 2001 Raytheon       6         January, 2004 News Corporation       6         Using The Basis Calculator       7         The Startup Options Screen       7         The Main Window       8	Stock Splits GM "Family" Transactions Worth Noting In General		-	
GM "Family" Transactions Worth Noting	GM "Family" Transactions Worth Noting  In General			
In General	In General	GM "Fa		
December 19, 1997 Raytheon Spin-Off & Merger	December 19, 1997 Raytheon Spin-Off & Merger.  May 28, 2000 GM Tender Offer  May 14, 2001 Raytheon  January, 2004 News Corporation  Using The Basis Calculator  The Startup Options Screen  The Main Window.  Basic Parts Of The Main Window.  Menu.  Inputs  Entering Information  Data Entry.  How To Move Around The Input Screens  1  How To Exit The Input Screens  1			
May 28, 2000 GM Tender Offer       6         May 14, 2001 Raytheon       6         January, 2004 News Corporation       6         Using The Basis Calculator       7         The Startup Options Screen       7         The Main Window       8	May 28, 2000 GM Tender Offer May 14, 2001 Raytheon January, 2004 News Corporation  Using The Basis Calculator The Startup Options Screen The Main Window Basic Parts Of The Main Window Menu  Inputs  Entering Information Data Entry How To Move Around The Input Screens 1 How To Exit The Input Screens		December 19, 1997 Raytheon Spin-Off & Merger	6
May 14, 2001 Raytheon 6 January, 2004 News Corporation 6  Using The Basis Calculator 7  The Startup Options Screen 7  The Main Window 8	May 14, 2001 Raytheon January, 2004 News Corporation  Using The Basis Calculator  The Startup Options Screen The Main Window Basic Parts Of The Main Window Menu  Inputs  Entering Information Data Entry How To Move Around The Input Screens 1 How To Exit The Input Screens 1			
January, 2004 News Corporation 6  Using The Basis Calculator 7  The Startup Options Screen 7  The Main Window 8	January, 2004 News Corporation  Using The Basis Calculator  The Startup Options Screen The Main Window Basic Parts Of The Main Window Menu  Inputs  Entering Information Data Entry How To Move Around The Input Screens How To Exit The Input Screens 1		· · · · · · · · · · · · · · · · · · ·	
Using The Basis Calculator 7 The Startup Options Screen 7 The Main Window 8	Using The Basis Calculator  The Startup Options Screen The Main Window Basic Parts Of The Main Window Menu  Inputs  Entering Information Data Entry How To Move Around The Input Screens 1 How To Exit The Input Screens 1			
The Startup Options Screen	The Startup Options Screen  The Main Window  Basic Parts Of The Main Window  Menu  Inputs  Entering Information  Data Entry  How To Move Around The Input Screens  How To Exit The Input Screens  1			
The Main Window	The Main Window  Basic Parts Of The Main Window  Menu  Inputs  Entering Information	Using The B	Basis Calculator	7
	Basic Parts Of The Main Window Menu  Inputs  Entering Information	The Sta	rtup Options Screen	7
Basic Parts Of The Main Window	Inputs  Entering Information	The Ma		
	Entering Information		Basic Parts Of The Main Window	8
Menu8	Entering Information		Menu	8
Inputs 10	Entering Information	Inputs		10
•	Data Entry	-	g Information	10
	How To Move Around The Input Screens	Lincilli		
	How To Exit The Input Screens			
		Input Sc		
*	Initial Inputs Tab	mpat be		
Initial Inputs Tab	•		Buys Sells Tab.	
Initial Inputs Tab			Duyo Deno Tau	1 4

Tutorial - Examples	14
A New Scenario Example	
An Old Scenario Example	18
Input Sheet	20
Printed Copies Of The Input Sheets	20
Initial Inputs	21
Buys Sells	22
License Agreement	23
DENVER TAX SOFTWARE LICENSE AGREEMENT	23
Glossary of Terms	25
Index	27

# **Overview**

# Why Use This Program

## **Purpose**

To determine the tax cost basis, number shares and average cost per share of the General Motors (GM) and its family of securities. This program is a great time saver! Since 1/1/1956 there have been numerous splits, spinoffs and mergers. This program computes all the splits, mergers and spin-offs for you.

# **Getting The Most Out Of This Program**

### **Quick Start**

Go to the section "<u>Installing and Running</u>" on page 3. We have tried to design the program so that you don't have to refer to this manual! When you are entering inputs, there will be a section of the input screen that discusses what you should be inputting. If you have any questions, please go first to the Tutorial – Example section. See "<u>Tutorial - Examples</u>" on page 14.

The help file is identical to this manual. The help file, accessed by clicking on the **Help** menu choice, has the same Table Of Contents (Contents) and index that this printed manual does. However, the help file has word search features which are not possible with the written manual.

When the program installs, it also installs a copy of this manual in Adobe's Acrobat (.pdf) format. If you want a hard copy of the manual, click on the manual icon in the Denver Tax Software Group (Start - Programs - Denver Tax Software Group). That will bring up the manual in the Acrobat Reader. The manual can be printed from the Acrobat program.

# **How To Get A Complete Understanding Of This Program**

Read the complete manual. The Computing The Stock Adjustments chapter discusses the law that made this computation mandatory. See: "GM Stock Basis" on page 5.

# **Installing and Running**

# **System Requirements**

Operating System: Microsoft® Windows® versions 2000, XP or Vista.

# Limitations

This program is comprehensive, but it does have limitations as follows:

- The program's computations assume that splits, mergers, acquisitions, spin-offs and other capital transactions are to be computed based on the shares owned on the transaction date. In real life, the benefits of such transactions are usually associated with the shares owned before the transaction date. For a theoretical example, a stock split might occur on May 15, 2002 and the extra shares would go to the owners of record on April 15, 2002. In this example, the program would compute the extra shares based on number of shares owned on May 15 not April 15. This will not be a problem for the vast majority of investors that do not frequently buy or sell.
- The program uses the Average Cost (Single Category) method for allocating tax basis to sells. A taxpayer may choose from Average Cost (Single Category), FIFO, Specific Identification and Average Cost (Double Category). It is our experience that Average Cost (Single Category) is probably the most commonly used method.
- The program handles sales of fractional shares as a normal sale. Thus, the program would allocate some tax basis to that sale. The other way to deal with the sale of fractional shares, which is not supported by the program, would be to allocate no basis to the sale of a fractional share. What is a fractional share? Sometimes after spin-offs, acquisitions, etc. the shareholder receives fractional shares. For example, after a merger Jane Doe has 101.5 shares of security A. Jane may decide to sell the .5 shares to bring her security A holdings to an even 101 shares.

# Installation

All commands you need to enter will be typed in **bold** type.

## **Installing To A Single Machine**

For the purpose of these instructions, we are assuming that your CD drive is drive D, if it is not, please make the appropriate changes. To install the program to a single machine, use the following steps:

- 1. Click on the **Start** button.
- 2. Click on the **Run** menu item.
- 3. Type **D:SETUP** and press the **ENTER** key.
- 4. Follow the instructions in the installation program.

#### **Network Installation**

Network installation instructions are provided in a separate document to customers who have purchased rights to use this program on additional desktops.

# Starting this program

The Installation program will create a "Denver Tax Software" Start Group, if it doesn't already exist. This basis calculator will be placed within this group.

To start this basis calculator, click on the **Start** button, click on the **Programs** button, click on the **Denver Tax Software** program group, then click on the program's icon.

# **GM Stock Basis**

## **Overview**

The GM "family" stock basis problem is the volume of transactions. No single transaction is complex. The problem is that with numerous splits and recent spinoffs and mergers, one mistake can result in incorrect taxable gains and losses for multiple securities.

To understand the computations, one needs to understand spin-offs, mergers, acquisitions and stock splits. The primary goal of this program is to compute the correct results in the most easy to understand way. For instance, there are transactions called "split-offs". Rather than include a separate category for split-offs, we have included them in spin-offs.

# **Terminology**

# Spin-Offs

Divestitures are spin-offs. For the purpose of this program, a spin-off is where one corporation creates one or more corporations. The shareholders in the old corporation be come shareholders in the new corporation. The shareholders' basis in the resulting corporations is equal to the basis in the old corporation.

# **Mergers and Acquisitions**

For a merger or acquisition, the old company is acquired by another company.

In some instances a shareholder in the old corporation receives both cash and shares in the acquiring corporation for the shares of the old corporation. The following formulas reflect the tax consequences of such a transaction:

Value Received = Value of new shares at the date of acquisition + Cash received.

Gain Realized = Value received – Tax basis in old corporation.

Gain Recognized = Lesser of Cash received or Gain Realized.

Tax Basis in New Corporation = Tax basis in old corporation + Gain recognized –

Cash received.

If applicable, the program does these computations for you.

Sometimes a merger includes a spinoff. The old company spinsoff a temporary corporation. As soon as that spinoff happens, the temporary corporation is merged into the acquiring company. For all practical purposes, the temporary company and the spinoff can be ignored. Generally, only the merger matters.

## **Stock Splits**

A stock split leaves the shareholder with a different number of shares. The tax basis remains the same. Most of the splits result in more shares. In rare instances, there are reverse splits where the stockholder has fewer shares after the split. Splits do not affect total tax basis, but they do change cost per share (tax basis per share).

For example, on June 13, 2000 GM Class H stock had a 3 for 1 split. If a shareholder owned 100 shares with a cost basis of \$1,000 on June 12, 2000 that shareholder would have 300 shares with a cost basis of \$1,000 on June 13. The cost per share changes from \$10 per share to \$3.33 per share.

# **GM "Family" Transactions Worth Noting**

### In General

Most of the GM related stock capital transactions are pretty common. As mentioned previously, the complexity isn't caused by one difficult transaction as it is from the large number of relatively common transactions. However, there are a few transactions that should be discussed.

## December 19, 1997 Raytheon Spin-Off & Merger

On this date owners of GM Class H stock and GM common stock received some Raytheon Class A stock in exchange for their stock.

It is possible to make three different "acceptable" basis computations. The methods are Average of High and Low for December 18, 1997, Opening Price for December 18, 1997, and Closing Price for December 18, 1997. In IRS private letter rulings, the IRS has taken the position that the average of high and low prices is acceptable.

The program uses the "average" method. That is not to say that the other methods are incorrect. You are likely to get different results than the program if you use one of the other methods. That does not mean that you are wrong, but we wanted to bring this to your attention.

# May 28, 2000 GM Tender Offer

On this date a stockholder of GM common shares could trade those common shares in for GM Class H (Hughes Electronics). The stockholder could exchange anywhere from 0% to 100% of her shares. Since the program would have know way of knowing how much was tendered (exchanged), we have included an input for this.

# May 14, 2001 Raytheon

Prior to this date there were two different classes of Raytheon stock, Raytheon Class A and Raytheon Class B. On this date there was a reverse slit and a recombination. The recombination merged the two classes of stock into one class of stock. Raytheon Class A and the Raytheon common on or after this date are two different securities. However, for basis computations, one does not have to make a distinction.

# January, 2004 News Corporation

On December 22, 2003 some ownership of GM Class H (Hughes Electronics) was exchanged for shares in "News preferred American Depositary Shares (ADS)." In January, 2004 "News preferred American Depositary Shares (ADS)" became News Corp Class A. The program refers to the "News preferred American Depositary Shares (ADS)" as News Corp Class A starting on December 22, 2003. This does not make a difference in the basis computation.

# **Using The Basis Calculator**

# **The Startup Options Screen**

The first screen to appear when starting the program is the About Screen. This is where you will find the program's version. It also has a button that will help you locate information about your system. That information might come in handy if technical support is needed, or if you are simply curious.

The next screen is the Startup Options Screen.



If this is going to be a new scenario, **click** on the **New Scenario** button. If you are going to use a previously saved file, **click** on the **Old Scenario** button.

The next screen that will appear is the Input Screen. The Input Screen is discussed in detail in a separate section. See "Inputs" on page 10.

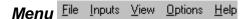
# The Main Window



## **Basic Parts Of The Main Window**

## Minimize, Maximize - Restore Size, and Exit Buttons

The upper right portion of the Main Window has the standard buttons to minimize, maximize – restore size and exit. If you have used any other programs designed for 32 bit Windows systems, you are already familiar with those buttons.



This is where you can pick menu choices. See "Menu", below.



Using the Tool Bar is typically the fastest and easiest way to use the program. Tool Bar choices are described with the Menu selections. See "Menu", below.



This displays what file or scenario is active.

#### Menu

## <u>File</u>

**New** . This brings up a blank input screen.

**Open** This brings up a screen where you can choose a previously saved file. Once the file has been selected, the input screen will appear with that file's information.

When you **click** on the Input Screen's **OK** button, the scenario will be automatically saved. **Save** . This saves the current scenario to the file shown in the Status Bar.

**Save As...** This is where you can choose a filename.

This is the Menu choice where you can rename a file. Use this a lot if you are running a "what if" analysis.

**Print Preview...** Use this to display the reports to the screen. You can display any combination of Input Report, Detailed Analysis Report or Summary Report.

**Print...** Print the reports. You can print any combination of Input Report, Detailed Analysis Report or Summary Report.

**Exit**. Exit the program.

### Inputs

**Inputs** . Enter information into the program. This will bring up The Input Screen. See "Inputs" on page 10.

#### **View**

**Reports...** Display the reports on the screen. You can display any combination of Input Report, Detailed Analysis Report or Summary Report.

### **Options**

**Fonts...** You can change the fonts to make the reports appear differently. We recommend staying with Courier or Courier New.

### Help

**Search For Help On...** This gives you the choice to search the help file using either the index or a keyword search.

This is identical to the very first screen that the program displays.

**About**. This displays the information about this program. This is where you can find the program's version number and ways to contact DTS.

# **Inputs**

# **Entering Information**

## **Data Entry**

This basis calculator uses the normal input procedures that most Windows programs use. To move from one input to another you can either use the mouse to select the input item you want, or press the **TAB** key to move through them. To exit an input screen you can use the mouse to click on the appropriate button.

You may find it easier to enter numeric information using the numeric keypad. If so, make sure the Num Lock key is on.

## **How To Move Around The Input Screens**

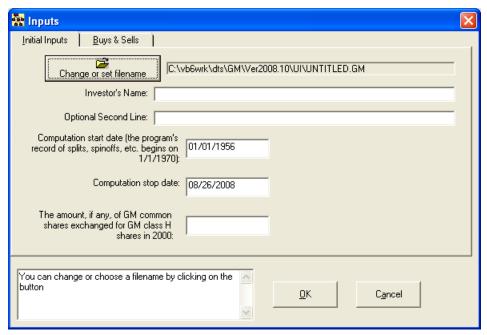
The input screen is broken down into tabbed dividers similar to a tabbed notebook. To move to a different tab simply click on the tab you want to move to. The input screen's tabs are *Initial Inputs* and *Buys & Sells*.

# **How To Exit The Input Screens**

When working with an input form, the **OK** button or **ENTER** key will exit the form and save the information you entered to a file. The **Cancel** button is used to exit the screen without saving the information you entered.

# **Input Screens**

## **Initial Inputs Tab**



Input Screen

## Change or set filename

This is an improvement on the Windows interface. With most Windows programs, when you click on a form's OK button you just move to the next screen. When you click on the OK button in this program, it actually saves your data for you.



#### Investor's Name

Enter the investor's name.

## **Optional Second Line**

Enter information that you would want to appear as the second line on the reports.

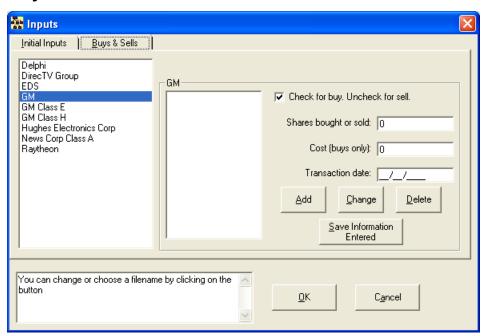
## Computation start date

Enter the date when you want the computations to start. This basis calculator's record of capital transactions (splits, mergers, spinoffs, etc) goes back very far. The earliest date that this program can be relied on for capital transactions will be specified with the description for this input. The date should be entered in mm/dd/yyyy format. For example, May 9, 1984 should be entered as 05/09/1984. *Always enter the year as four digits!* 

### Computation stop date

Enter the date when you want the computations to stop. Thus, if you would want the program to stop its computations as of April 5, 2004, enter 04/05/2004.

# **Buys Sells Tab**



#### Securities List



Click on the security that you want to enter buys and sells for. If there were no buys or sells after your initial purchase, you still need to enter a buy for the initial purchase of one of the securities.

### Buys - Sells List



This list shows the transaction date and whether it was a buy or a sell. If you are going to change or delete a transaction, click on the transaction that you want to change or delete.

### **Buy Checkbox**

Check for buy. Uncheck for sell.

If this is a buy, check the box. If the transaction is a sell, leave it unchecked.

### Shares bought or Sold

Enter the number of shares that were bought or sold.

## Cost (buys only)

Enter the total cost of the shares that were bought. For example, if 10 shares were purchased at \$15 each, enter 150. This input is not available for sells.

#### Transaction Date

Enter the date of the buy or sell.

#### Add button

To add a new buy or sell:

- Click on the Check for buy check box, this is a buy. If it is a sell, uncheck this box.
- 2. Change the **Shares bought or sold**, **Cost (buys only)** or the **Transaction date**, if appropriate.
- 3. Click on the Add button.

## Change button

To change information for a buy or sell:

- 1. **Click** on the buy or sell in the **Buys Sells List** that you want to change.
- 2. Change the **Shares bought or sold**, **Cost (buys only)** or the **Transaction date**, if appropriate.
- 3. Click on the Change button.

#### Delete button

To delete a buy or sell:

- 4. **Click** on the buy or sell in the **Buys Sells List** that you want to delete.
- Click on the Delete button. Confirm that you indeed want to delete this.

#### Save Information Entered button

Click on this to save your work. Do it after clicking on the Add, Change or Delete buttons.

# **Tutorial - Examples**

# A New Scenario Example

Most of the time it doesn't make much difference whether you use the **TAB** or **ENTER** key. This tutorial will use the **ENTER** key whenever possible. When the tutorial directs you to use the **TAB** key, that would be a situation where using the **TAB** and **ENTER** keys will make the program function differently.

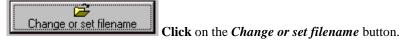
Start the program. If you have any questions on how to do this, see "Starting this program" on page 4.

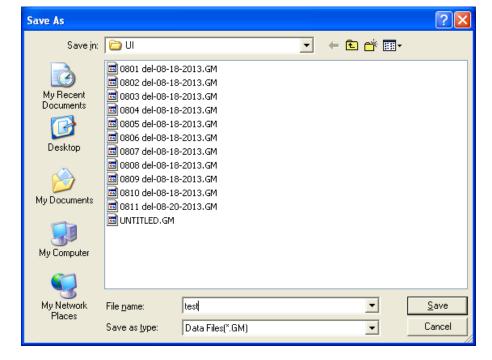
The first screen is the About... window. Click on the OK button.

New Scenario

At the *Startup Options* screen, **click** on the **New Scenario** button.

This will immediately bring up the input screen.





In the *Save As* screen, type **test** in the *File name* input. **Click** the **Save** button to return to the input screen. Press the **TAB** key.

For the *Investor's Name* input enter **John Doe** and press the **ENTER** key.

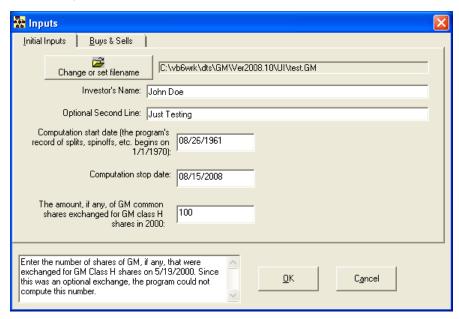
For the *Optional Second Line* input enter **Just Testing** and press the **ENTER** key.

For the *Computation start date* input enter **08261961** and press the **ENTER** key. That date should then change to 08/26/1961. Always enter the year as four digits.

For the *Computation stop date* input enter **08152008** and press the **ENTER** key. That date should then change to 08/15/2008.

For the The amount, if any, of GM common shares exchanged for GM class H shares in 2000 enter 100.

At this time, the screen should look like this:



Click on the Buys & Sells tab.

Enter the investor's 8/26/1961 position in GM. To do that, simply enter the 8/26/1961 position as one buy on 8/26/1961. This example buy is how one would do that.

In the **Securities List** make sure GM is selected:



Make sure *Check for buy* is checked.

Check for buy. Uncheck for sell.

For the Shares bought or sold input enter 1000 and press the **ENTER** key. This should appear as 1,000.

For the *Cost (buys only)* input enter 10000 and press the **ENTER** key. This should appear as 10,000.

For the *Transaction date* input enter 08261961 and press the **ENTER** key. This should appear as 08/26/1961.

#### Click on the Add button.

Lets now enter a 6/15/1985 buy for GM Class E stock:

In the **Securities List** select GM Class E:



Make sure Check for buy is checked.



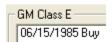
For the Shares bought or sold input enter 200 and press the ENTER key. This should appear as 200.

For the Cost (buys only) input enter 2000 and press the ENTER key. This should appear as 2,000.

For the *Transaction date* input enter 06151985 and press the **ENTER** key. This should appear as 06/15/1985.

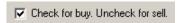
#### Click on the Add button.

The date for that transaction should now appear in the Buys Sells list:



Lets now enter a 7/20/1986 buy of GM Class E stock:

Make sure Check for buy is checked.



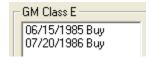
For the Shares bought or sold input enter 100 and press the ENTER key. This should appear as 100.

For the *Cost (buys only)* input enter 1700 and press the **ENTER** key. This should appear as 1,700.

For the *Transaction date* input enter 07201986 and press the **ENTER** key. This should appear as 07/20/1986.

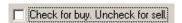
#### Click on the Add button.

The date for that transaction should now appear in the Buys Sells list:



Add one more transaction. A GM Class E sell for 5/15/1996:

Uncheck the Check for buy box.



For the Shares bought or sold input enter 100 and press the ENTER key. This should appear as 100.

The *Cost (buys only)* input is removed.

For the *Transaction date* input enter 05151996 and press the **ENTER** key. This should appear as 05/15/1996.

#### Click on the Add button.

The date for that transaction should now appear in the Buys Sells list:



Click on the Save Information Entered button. This saves your work.

Lets now delete the 7/20/1986 buy:

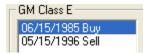
Click on the Buys Sells list row that says "07/20/1986 Buy".



Click on the Delete button. When asked, confirm that you want to delete the transaction.

Lets now change the 6/15/1985 buy:

**Click** on the **Buys Sells list** row that says "06/15/1985 Buy".

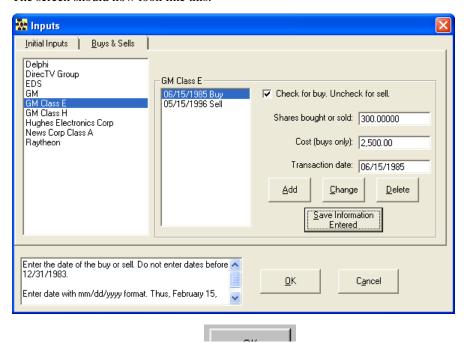


Change the Shares bought or sold to 300. Change the Cost (buys only) to 2500.

Click on the Change button.

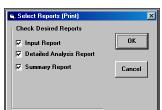
Click on the Save Information Entered button. This saves your work.

The screen should now look like this:



information. There is no need to take further actions to save the data!

Lets get the results. Click on the Print button.



In the Select Reports screen you can select the reports that you want to run. If all three reports are not already checked, please check all three boxes now. **Click** on the **OK** button.

The next screen will be the standard Windows print dialog box. Click on the OK button, and the reports will now print.

You are done. Simply exit the program by **clicking** on the **X** button in the upper right corner.

# An Old Scenario Example

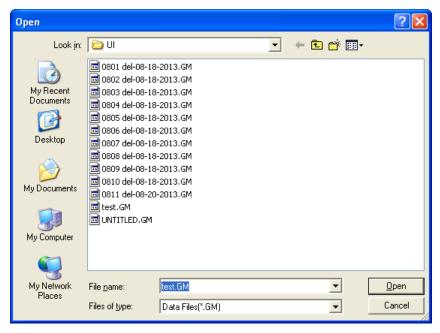
To modify a previously created scenario, we will use the example that we saved in the New Scenario Example. We will change the number of GM Class Eshares purchased on 6/15/1985 from 200 to 300.

Start the program. If you have any questions on how to do this, see "Starting this program" on page 4.

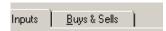
The first screen is the **About...** window. **Click** on the **OK** button.

Old Scenario

At the *Startup Options* screen, **click** on the **Old Scenario** button. This will immediately bring up the Open screen.

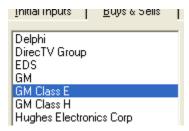


In the *Open* screen, **click** on **test.GM** text. **Click** the **Open** button to return to the input screen.

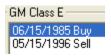


Click on the Buys & Sells tab or press Alt - B. The Buys & Sells inputs will now appear.

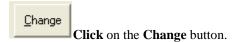
In the **Securities List** click on Kraft Foods.



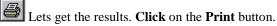
In the **Buys Sells List click** on the 06/15/1985 line.

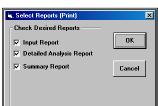


Change the Shares bought or sold to 300.



Click on the **OK** button. This automatically saves your information. There is no need to take further actions to save the data!





In the Select Reports screen you can select the reports that you want to run. If all three reports are not already checked, please check all three boxes now. **Click** on the **OK** button.

The next screen will be the standard Windows print dialog box. Click on the OK button, and the reports will now print.

You are done. Simply exit the program by **clicking** on the **X** button in the upper right corner.

# **Input Sheet**

# **Printed Copies Of The Input Sheets**

The fastest way to get blank printed input sheets is to print them from the program's Help routine. Click the Contents tab. Click the on Input Sheet selection. Click on the input section that you are interested in. When you see the input sheet on the help screen, click on Help's Print button.

Initial Inputs
Investor's Name:
Optional Second Line:
Computation start date (mmddyyyy):
Computation stop date (mmddyyyy):
The amount, if any, of GM common shares exchanged for GM Class H share

# **Buys Sells**

Security: GM

Please enter the total number of shares owned on or after 1/1/1956 and the corresponding tax basis as the first Buy.

BUY(B) OR SELL(S)	NUMBER OF SHARES BOUGHT OR SOLD	COST (LEAVE BLANK FOR SELL)	DATE (mm/dd/yyyy)
В			//
B/S			//

(repeat the f	ollowing table	for as many	securities as need	ed.)
Security:				

BUY(B) OR SELL(S)	NUMBER OF SHARES BOUGHT OR SOLD	COST (LEAVE BLANK FOR SELL)	DATE (mm/dd/yyyy)
B/S			//

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# **Glossary of Terms**

# Term1

Type definition here.

## Term2

Type definition here.

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inaex	G
maox	Gain Realized 5
	Gain Recognized 5
	н
	Help 9 Contents 9
A	I
About dialog 9	Initial Inputs
Acquisitions 5	Input sheet 22
Acrobat 1	Initial Inputs Tab 11
Add button 13, 16	Input Screens 11
Assumptions 3	Input Sheet 21
	Input Sheets
В	Initial Inputs 22
D CL 11 12	Print copies of 21
Buy Checkbox 13	Inputs $9, \overline{10}$
Buys – Sells List 12 Buys & Sells 15	Installation 3
Buys Sells Tab 12	Installing To A Single Machine 4
Duys Sens Tab 12	Network 4
	Investor's 15
С	Investor's Name 11
Change button 13, 17	
Change or set filename 11	L
Check for buy 15	License Agreement 24
Checkbox - buy 13	Limitations 3
Computation start date 11, 15	Elimations 5
Computation stop date 12, 15	3.0
Contents	М
Help 9	Main Window 8
Cost (buys only) 13, 16	Menu 8
	Merger 5
D	<b>Move Around The Input Screens</b> 10
Data Entry 10	
Delete button 13, 17	N
,	Network Installation 4
E	New 8
	New Scenario 7
Entering Information 10	New Scenario Example 14
Example	T. C.
New Scenario 14	0
Old scenario 18	0
Exit 8, 9, 10	Old Scenario 7
	Old Scenario Example 18
	Online manual 1
	Open 8

F

<u>F</u>ile 8 Fonts... 9

#### **Optional Second Line** 11, 15

Options 9

### Ρ

Print 18, 19 Print Preview... 9 Print... 9

#### Q

Quick Start 1

#### R

Reports...9

### S

Save 8 Save As 15 Save As... 8 Save Information Entered 17 **Save Information Entered button** 13 Search For Help On... 9 Securities List 12, 15 Shares bought or sold 16 **Shares bought or Sold** 13 Spin-Off 5 Start Date 11 Starting this program 4 Startup Options Screen 7 Status Bar 8 **Stock Split** 6 stop date 12 System Requirements 3

#### Т

Tool Bar 8 Transaction date 16 **Transaction Date** 13 Tutorial 1, 14

#### ٧

View 9