# Guide to Bloomberg

Click on headings to view contents

For 24-ho
assistance, pre
the HELP key twi

## BLOOMBERG FUNCTIONS KEYS

| Key | Description |
|---|---|
| HELP HELP | For immediate assistance, 24-hours a day |
| CONN/DFLT | Logs on and off (using given details) |
| CANCEL | Cancels any function you are in |
| GO | Use after each function code to confirm the request |
| PANEL | Moves from one Bloomberg screen to the other |
| MENU | Takes you back to the previous menu |
| PRINT | Prints current page |
| # PRINT | Prints several sequential pages |
| PAGE FWD | Views the following page |
| PAGE BACK | Views the previous page |
| ⇌ | Moves around the screen |
| | Reviews previous used functions (LAST GO ) |
| SHIFT GO | Shows command history |

## MESSAGE FUNCTIONS

| Key | Description |
|---|---|
| MSG MENU | Main message menu |
| NAME MSG | Sends a message to another Bloomberg user |
| INTERNET ADDRESS MSG | Sends a message to a non-Bloomberg user |
| MSG # GO | Retrieves messages sent to you |
| MSG MENU | Displays the MSG functions menu |
| MSG2 GO | Creates your personal speed dial (or 2 MSG ) |
| MSG3 GO | Creates a group of speed dial names (or 3 MSG ) |
| GROUP NAME MSG | Sends to a group |
| MSG4 GO | Retrieves the messages you sent (or 4 MSG ) |
| MSG9 GO | Message default parameters/message greeting |
| 99 GO | Deletes messages |
| MSG10 GO | Retrieves deleted messages (or 10 MSG ) |
| MSG4 TO NAME GO | Retrieves all messages sent TO that person |
| MSG4 FROM NAME GO | Retrieves all messages sent FROM that person |
| MSG1 FROM/TO INTERNET GO | Retrieves all messages from/sent to internet |
| BMAIL GO | Bloomberg enhanced mail |

## CUSTOMIZING BLOOMBERG

| Key | Description |
|---|---|
| CODE GO | Programs your own short-cut codes |
| PDF GO | Bloomberg default settings |
| PANL GO | Default settings for news panel and filter customization |
| NW GO | Sets up and monitors chosen stocks in a worksheet |
| NWEG GO | New worksheet examples |
| NRC GO 22 GO | Sets language preference for news panel |

## NEWS FUNCTION

| Key | Description |
|---|---|
| NEWS | Main news menu |
| TOP GO | Top stories |
| NI GO | Single ticker news |
| NAME HELP | News on people |
| NI SP GO | Singapore headlines |
| NI SPS GO | Singapore stock headlines |
| NI BON GO | Bond market news |
| NI ASIA GO | Headline for Asia Pacific Rim |
| CN GO | Company news |
| BSP GO | Sports news main menu |

### When a special news story has been found:

| Key | Description |
|---|---|
| 9 GO | Prints news story |
| 66 GO | Stores/sends news story |
| 25 GO | Finds story keyword |

## MAJOR ECONOMIC/MARKET INDICATOR

| Key | Description |
|---|---|
| WECO GO | World economic calendar |
| IMF GO | International monetary fund |
| ECST GO | Economic statistics for chosen countries |
| EIU GO | Economic overviews in the text format |
| FOMC GO | FOMC announcement dates |
| WEI GO | World equity indices |
| WB GO | World bond markets |
| WIR GO | Interest rate futures |
| TKC7 GO | Major Asian currencies |

## FINDING EQUITIES ON BLOOMBERG

COMPANY NAME HELP

Select 10 GO 'Companies: Equity and debts'

Select security (Equity or debt)

Or if company ticker is known type, TICKER

(eg. SIA SP) EQUITY GO

## FINDING FIXED INCOME ON BLOOMBERG

GOVT TK GO Select country

## MASP

| Key | Description |
|---|---|
| MASP GO 9 GO | Training schedule |
| MASP GO 1 GO | 'G' templates/toolbar examples |
| MASP GO 11 GO | Customized 'NW' |

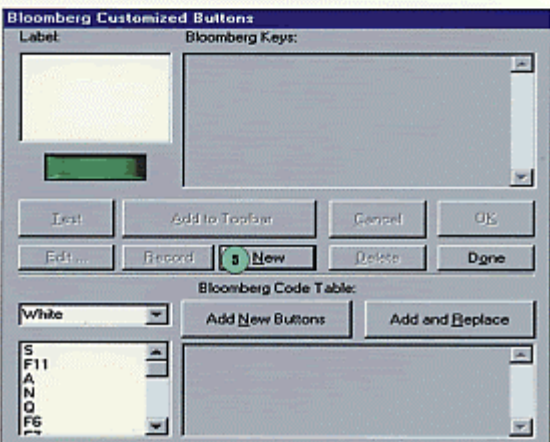**Bloomberg**

## CUSTOMIZED BUTTONS, WHY?

- Enables Record/Playback and Custom Labelling on one key.

- Cuts out repetitive tasks.

- Simplifies the way you navigate around the system.
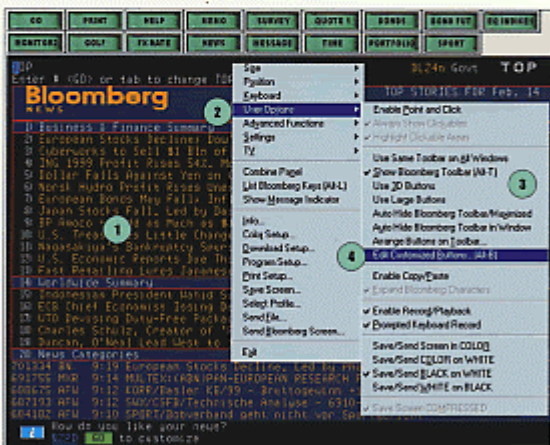


## ENABLING THE BLOOMBERG TOOLBAR

(1) Right-hand click your mouse over the Bloomberg screen.

(2) Select **<User Options>**.

(3) Make sure **<Show Bloomberg Toolbar>** is checked.

(4) Under **<User Options>** click on **<Edit Customized Buttons>** to bring up the menu.

   *Short cut: <Alt B> pulls up the same menu.*

## CREATING THE BUTTON & ASSIGNING THE MACRO

(5) Point & click on the **<New>** button.

**(6)** Enter button name.

**(7)** Select colour.

**(8)** Press **<Record>**. The main menu will disappear. Enter the keystrokes for the event you want to create. When you have completed recording, hit the **<StopRec>** button on the screen to end the task.

**(9)** Displays the keystrokes recorded for the specific button.

**(10)** Press **<OK>** to create the button.



**(11)** Select **<Add to Toolbar>**.

**(12)** Finally press **<Done>** to enable the button for your toolbar.



**(13)** The new button is now in place and ready for use.

# Downloading Functions

*Take your fundamental analysis one step further with just a click:*



## HISTORICAL FUNDAMENTALS COMPANY

**CH2** `GO`

Functions: i.e. `EQUITY` **CH2** `GO`

**CH1** Selected final items
**CH2** Income sheet summary
**CH3** Balance sheet summary
**CH4** Flow of funds summary

Set up the period, display and base currency on Bloomberg to look at the financial item before you download.

The **"CH"** functions allow you to access essential and immediate data on a company. They enable you to see how key items from the income statement, balance sheet and cash flow statement have changed over time.



## INDUSTRY GROUP/PORTFOLIO COMPARABLES FOR 20 CUSTOMIZED REPORTS

**RV** `GO` **RVP** `GO`

Descriptive, pricing, return, historical, technical fundamentals and earnings estimates information. i.e. T `EQUITY` **RV1** or **RV3** or `GO` **RVP** `GO`

To set up custom reports type, **1** `GO` to customize the report and **6** `GO` for the menu of 20 templates.

The **RV** function compares a company to its peers or to your custom list of securities. **RVP** compares companies within a portfolio created under the `CLIENT` key.



## EQUITY GLOBAL SCREENING WITH REPORT WRITER

**QSRC** `GO`

Descriptive, pricing, return, historical, technical fundamentals and earnings estimates, i.e. **QSRC** `GO` and **1** `GO` to add a new search.

Search quickly through our comprehensive database of over 300,000 global equities to find those that meet your fundamental and technical criteria.

*Other popular fundamental analysis tools on Bloomberg:*

### ERN  GO
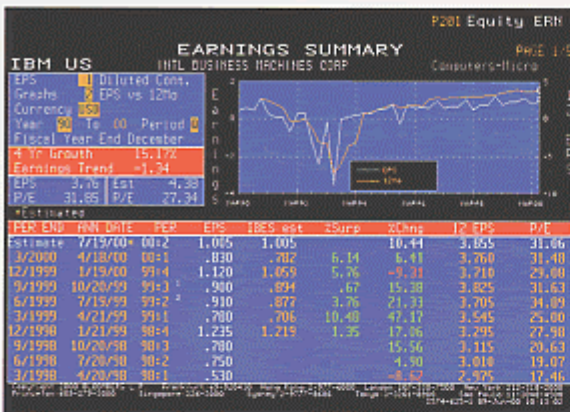
Obtain an historical perspective on the *'trend in earnings'* of a given company. See how the company has performed in comparison with analysts' estimates and determine how future earnings or current trends will affect a stock's price.

**ERN** also helps interpret the quality of a company's earnings by providing footnotes. These offer additional insights into the actual earnings and help you determine whether the company's earnings are due to solid growth or accounting techniques.

### CACS  GO
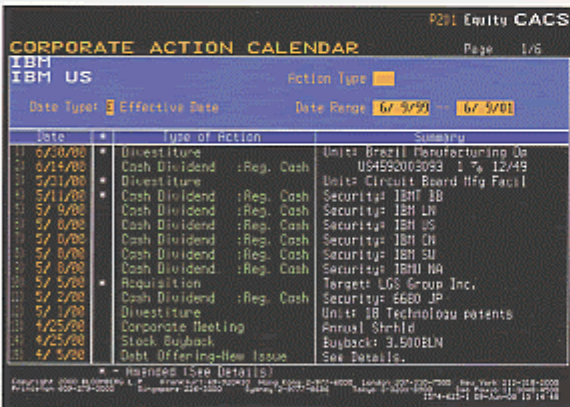
Stay on top of events moving the markets without having to hunt through newspapers or look at numerous screens. Save time with instant access to details on more than 35 types of corporate actions.

**CACS** will quickly list all corporate actions for a selected security by both announced and effective date. You can further define this list by selecting a specific action type and date range.

### ANR  GO
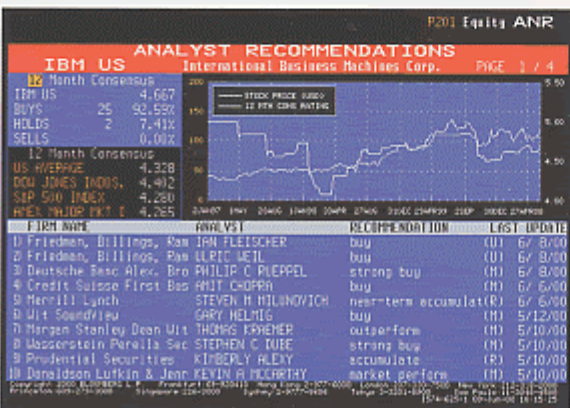
Scan the latest views on a company so that you can discover how it is performing. See how changes in analyst opinion has directly affected the price of a stock.

Not only does **ANR** list out the latest individual recommendations, but it also displays a consensus rating comprised of individual recommendations. Using this, you can quickly see if the market is bullish or bearish on a particular stock.

**Bloomberg**

Reference

# Bloomberg -
# A www.ealth of Information

**WEBSITE MENU** – *Search a list of over 7,000 websites*

WWW `HELP` 3 `GO`

**WEBSITES BY SUBJECT** – *Filter the list of websites to find your subject*

WWW WALL STREET JOURNAL `HELP` 3 `GO`

**COMPANY WEBSITES** – *Use a company ticker to find a website*

VOD LN `EQUITY` CWP `GO`

```
<HELP> for explanation.                              Govt   NWEB
                        News Web Pages
For function, type number <Go>.  For specific topic (e.g. "TRAINING", "TAX",
"SERVICE") type keywords here ->->
   Region                        General
 1) WNSJ Africa                  15) HDLN 1st Headlines News
 2) WNPR Asia and Pacific Rim    16) AMNW 7am.com
 3) WNAU Australia and New Zealand 17) WBBG Bloomberg, LP
 4) WNEU Europe                  18) OJRB Factiva
 5) WNSA Latin America           19) INDV Individual.com NewsPage
 6) WNME Middle East             20) NIHT International Herald Tribune
 7) WNNA North America           21) IVBD Investor's Business Daily
   Topic                         22) NPRW National Public Radio
 8) NWJL Columnists              23) NDIR NewsDirectory
 9) NWNI Industries              24) EDGE NewsEdge NewsPage
10) NWMG Magazines               25) NHUB NewsHub
11) NWNS News Services           26) NPPR Newspapers Online
12) NPOL Politics                27) SALN Salon.com
13) SPNW Sports News             28) STRF Stratfor.com
14) NWTV Television              29) TSCM TheStreet.com
                                 30) WWND WorldNetDaily
   HELP  for assistance

   i   Who will be the next President of the United States??
       ELCT  GO  for a list of hopefuls
```

SearchNewsMarketsDataAnalysisExecutionDistribution

HELP

To search on a topic, type
in the key word and hit
the HELP key

## GENERAL WEBSITES – *Surf the web directly*

| | |
|---|---|
| **NWEB** | Access general and international news websites by region or topic |
| **WREG** | Display websites and functions containing web content by country and region |
| **MAPS** | Call up a list of websites for maps and directions |
| **LMIN** | Select the website of lastminute.com |

## NEWS WEBSITES – *Browse the major financial news journals*

| | |
|---|---|
| **FITM** | Access the website of the Financial Times at www.ft.com |
| **EMST** | Enter the Economist website at www.economist.com |
| **TGDN** | Call up the Guardian website at www.guardian.co.uk |

## FINANCIAL WEBSITES – *Access the world's main financial websites*

| | |
|---|---|
| **FRBA** | Read all the latest information directly from the Federal Reserve website |
| **CENB** | Display a menu of websites and contributor pages for world central banks |
| **BOE** 17 | Check out Bloomberg's Bank of England screen including the BOE website |



Add optional 'tails' (shown in grey after a function mnemonic) to tailor a screen's output

For 24-hou
assistance, pres
the HELP key twic

# The true power of Bloomberg

## MENU – *Search through a list of energy menus*

| | |
|---|---|
| **ENRG** | Main menu for energy news and other related searches |
| **VOLT** | Browse electricity prices, statistics and commentaries |
| **NATG** | Follow natural gas prices and related information |
| **OIL** | Oil prices and indices across the world |

## NEWS & INFORMATION – *Access real time and archived news*

| | |
|---|---|
| **ETOP** | Follow the day's top energy headlines |
| **CTOP** | Keep in touch with the day's top commodities news |
| **NRGN** | Read in-depth analysis on commodities across the world |
| **NI ELC** | Watch the scrolling electricity news headlines |
| **TNI GAS EUROP** | News searches by combinations of subject, company or person |

## PRICES – *Follow the spot and futures market in real time*

*ELECTRICITY*

| | |
|---|---|
| **ELEU** | U.K. Electricity Forward Agreement Prices |
| **AMPX** | Amsterdam Power Exchange Spot Price |
| **ELNS** | Nord Pool Spot Prices |
| **ELNF** | Nord Pool Futures/Forwards Prices |
| **LPX** | Leipzig Power Exchange Spot/Block Prices |
| **RWES** | RWE Contributions Page |

*NATURAL GAS*

| | |
|---|---|
| **LFP** | London's International Petroleum Exchange |
| **EGAS** | U.K. National Balancing Point Prices |
| **NGUK** | North Sea – Bacton, Zeebrugge – Gas Prices |

## FUNCTIONS – *Analyse, graph and tabulate data*

| | |
|---|---|
| **CNV** | Petroleum and natural gas conversion factors used by the industry |
| **HP** | Analyse closing prices in a tabular format |
| **GIP** | Select a commodity and graph its intra-day movement |
| **GP** | Graph your commodity's historical movement |
| **QRM** | Track a commodity's quotes through Quote Recap Monitor |
| **QR** | Track a commodity's trades through Trade Recap Monitor |
| **TRAY** | Display the performance of an index for 20 separate periods |
| **TRAX** | Calculate the return of an index over several scenarios |
| **HCP** | Evaluate the historical price percentage changes |
| **MGIP** | Compare prices on multiple commodities |
| **VAP** | Need to know how much volume traded at what price |

To search on a topic,
in the key word an
the HELP

**Bloombe**

| MASP co ITEM 1 | FOR THE 'G' TEMPLATES |
| MASP co ITEM 11 | FOR THE CUSTOMIZED 'NW' |
| | NEW WORKSHEETS |
| MASP co ITEM 9 | FOR TRAINING CLASSES |

## NEWS

| TOP | Top business and financial news |
| TOP FRX | Top currency news |
| NI BON | Bond news |
| NI MMK | Money market news |
| NI ASIA | General Asian news |
| NI FRX | General currency news |
| NI FED | Federal Reserve news |
| NWEB | News web pages |
| SGD CRNCY CN | SGD news |

## MONEY MARKETS

| APF | Asia Pacific Fixings |
| MMR | Money market rates |
| IM | International monitors |
| BTMM SI | Singapore treasury monitor |
| MMCV | Money market curve analysis |
| FWCV | Forward curve analysis |

## CURRENCY MARKETS

| TKC | Exchange rates by region |
| XDF | Personal default page |
| FXC | Forex cross rates table |
| FXC X | Personal default cross rates |
| CM1 | Bloomberg composite rates |
| BQ | Bloomberg quote page (SGD CRNCY BQ) |
| BBC | Bloomberg currency monitors |
| WCR | World currency rates |
| WCRS | Currency performance |
| FXFA | FX-forward rate arbitrage |
| FFRC | Futures implied currency forwards |

## BONDS

| SRCH | Bond search |
| GOVT TK | Finding a government bond |
| CO. NAME HELP | Finding a corporate bond |
| DES | Bond description |
| YA | Yield analysis |
| YAS | Yield spread analysis |
| CT30 GOVT | 30 year current US treasury |
| GT30 GOVT | 30 year generic US treasury |
| NIM | New Issue Monitor |
| PX1 | Currents/When issued treasuries |
| GGR | Generic Government rates |
| IYC | International Yield Curve |

## INTEREST RATE SWAPS

| IRSM | Interest rate swap main menu |
| SWPL | Create and store swaps: Send to CTPYS |
| SWAP | Swap valuation (use SWPL for ticker) |
| IRSB | Swap rates |
| BBAM | BBA Libor rates |
| BCCF | Interest rate cap/floor/collar calculator |
| BCSW | Swap calculator |

## ECONOMICS/MARKETS

| BBSE | Economic news |
| WECO | World calendar of economic releases |
| ECST | Economic statistics |
| ESNP | Economics statistic snapshot |
| FOMC | Find out what the Fed. is doing |
| WEI | World Equity Indices |
| WB | World Bond Markets |
| CBQ | Country monitors |
| IBQ | Industry monitors |
| EIU | The Economist Intelligence Unit |
| OECD | OECD indicators |
| IECO | Global economic statistics by type |

## OPTION CALCULATORS

| OVX | Currency option calculators |
| OV | Plain vanilla option calculator |
| HVG | Historical volatility graph |

## CHARTING

| G | Create customized technical analysis |
| GP | Historical price graph |
| GPO | Price bar graph with moving average |
| GPC | Historical candle chart |

## MESSAGING

| MSG | Finding all received messages |
| MSG 2 | Create speed dialers |
| MSG 3 | Create group messages |
| INTERNET | Type full internet address then hit MSG |

## KEY PRICING PAGES

| ABSI | The Assoc. of Banks in Singapore |
| APOS | ICAP - Nittan |
| MAS | Monetary Authority of Singapore |
| BNM | Bank Negara Malaysia |
| PYAS | Prebon Yamane Asia |
| TTKL | Tullett & Tokyo |
| HUSS | Harlow-UEDA Sassoon |
| DBSD | Development Bank of Singapore |

**Bloomberg**

*HELP HELP* For 24 h assistance, p the HELP key t

## CUSTOMISED TEMPLATES

| | | |
|---|---|---|
| **MASP** 🟩 **ITEM 1** | FOR THE 'G' TEMPLATES | |
| **MASP** 🟩 **ITEM 9** | FOR THE CUSTOMIZED 'NW' NEW WORKSHEETS | |

## TRAINING SCHEDULE

**BU** 🟩 **2** 🟩   FOR TRAINING CLASSES

## GENERAL MARKET INFORMATION

| | |
|---|---|
| **ACDR** | Earnings announcement calendar |
| **CACT** | Corporate action calendar |
| **CBQ** | Country monitors |
| **ECDR** | Information on upcoming/announced IPOs |
| **EMTK** | Index look-up by country |
| **FPC** | Fund performance comparison |
| **IBQ** | Industry monitors |
| **IRR** | Index ranked returns |
| **MA** | Mergers and acquisitions |
| **QSRC** | Customized equity search |
| **WB** | World bond markets |
| **WEI** | World equity indices |
| **WEIF** | World index futures |
| **WEIS** | World equity indices - ranked returns |

## MESSAGING

| | |
|---|---|
| 🟩 | Finding all messages received |
| 🟩 **2** | Create speed dialers |
| 🟩 **3** | Create group messages |
| **INTERNET** | Type full internet address then hit 🟩 |

## CHARTING

| | |
|---|---|
| **G** | Create customized technical analysis |
| **GIP** | Intraday price chart |
| **GP** | Historical price chart |
| **GPO** | Historical bar chart |

## INDICES

| | | |
|---|---|---|
| **STI** 🟨 **MOV** | Equity index movers | |
| **STI** 🟨 **MRR** | Index members-ranked returns | |
| **STI** 🟨 **WGT** | Index member weightings | |

## NEWS

| | |
|---|---|
| **TOP** | Top worldwide news |
| **ATOP** | Top news for South, S.E. Asia |
| **NTOP** | Top news for China, Korea, Taiwan |
| **AV** | Multimedia news |
| **BBSE** | Economic news |
| **N** | Search for general news categories and searche |
| **NI ASIA** | General Asian News |
| **NI SP** | News on Singapore |
| **(NI MALAY/INDO/THAI/PHIL/HK/KOREA/TWN)** | |
| | Individual country codes for news |
| **NWEB** | News web pages |
| **PANL** | Customize your news panel |
| **TNI** | Search for news by keyword |
| **SGD** 🟩 **CN** | News on the Singapore Dollar |
| **NRC** 🟩 **22** 🟩 | Enable/disable foreign language news |

## SINGLE SECURITY ANALYSIS

**COMPANY NAME** 🟩 **10** 🟩
eg: **DBS SP** 🟨 🟩

| | |
|---|---|
| **ANR** | Analyst Recommendations |
| **BQ** | Bloomberg quote page |
| **CACS** | Corporate action calendar |
| **CN** | Company news |
| **COMP** | Comparative analysis |
| **DES** | Company description |
| **DVD** | Dividend summary |
| **FA** | Financial Analysis |
| **HP** | Historical price table |
| **PHDC** | Institutional holdings search |
| **RELS** | Related securities |
| **TSM** | Trade summary matrix - VWAP |

## CURRENCY MARKETS

| | |
|---|---|
| **FXC** | Forex cross rates table |
| **FXC X** | Personal default cross rates |
| **IM** | Treasury and money market monitor |
| **JPY** 🟨 **HP** | Historical table for the JPY |
| **SGD** 🟨 **GP** | Historical chart for the SGD |
| **TKC** | Exchange rates by region |
| **TKC7** | Exchange rates for Asia |
| **WCRS** | Currency performance |
| **XDF** | Personal default page |

## MARKET MONITORS

| | |
|---|---|
| **ALCF** | Limit alert history |
| **ALRT** | Limit alerts |
| **HILO** | 52 week highs/lows |
| **LVI** | Largest volume increase |
| **LQS** | List of up to 11 quotes on one page |
| **MOST** | Most active stocks |
| **CODE** | Customize function keys |
| **LAST** | Bring up the last 8 functions run |

## ECONOMICS

| | |
|---|---|
| **WECO** | World calendar of economic releases |
| **ECST** | Economic statistics |
| **ESNP** | Economic statistics snapshots |
| **FOMC** | Find out what the Fed is doing |

**Bloomberg**

## BLOOMBERG NEWS℠

| | | |
|---|---|---|
| TOP | GO | Today's top business and financial headlines |
| TNI | GO | Search for news by keyword |
| CPNY | GO | Corporate action and event news on companies |
| BBSA | GO | Equity analyst survey |
| FORU | GO | Categorized interviews with market experts |
| AV | GO | Multimedia reports on demand |
| BR | GO | Bloomberg research homepage |

## ECONOMIC NEWS

| | | |
|---|---|---|
| WECO | GO | Worldwide calendar of economic releases |
| CBRT | GO | Central bank |
| ECST | GO | Global economic statistics |
| NI EII | GO | Insight into economic market reaction |
| NI FED | GO | News on the federal reserve board |
| TNI CEN ASIA | GO | Asia central bank |

## BROAD EQUITY MARKETS

| | | |
|---|---|---|
| WEI | GO | Monitor world equity indices |
| WEIS | GO | Ranks world indices |
| WIR | GO | Monitor world interest rates |
| IMOV | GO | Equity index and industry group movers |
| WB | GO | Monitor movements in worldwide bond markets |
| IBQ | GO | Industry analysis monitor |
| CBQ | GO | Quick market summary in any country |
| MA | GO | Mergers & acquisitions monitor |
| LEAG | GO | Search Bloomberg underwriting rankings |
| WPE | GO | World P/E levels |

## FINDING SECURITIES

| | | |
|---|---|---|
| QSRC | GO | Global equity screening |
| DSRC | GO | Description search |
| ECDR | GO | New issue monitor |

## MONITORS

| | | |
|---|---|---|
| NW | GO | Custom worksheet: dynamic updates |
| LQS | GO | Monitor full quotes on selected stocks |
| BQ | GO | Customizable single or multiple monitor |

## DESCRIPTIVE INFORMATION

| | | |
|---|---|---|
| 6758 JT | EQUITY GO | |
| RELS | GO | All related securities to the company |
| MGMT | GO | Follow a company's management changes |
| BQ | GO | Full research report on one page |
| CWP | GO | Access a company's internet website |
| PHDC | GO | Ranks institutional holders by size |

## COMMUNICATION

| | | |
|---|---|---|
| CHTM | GO | Popular Bloomberg News chat pages |
| CHAT TICKER | EQUITY CHAT | for company CHAT pages |
| RMTC | GO | Let other Bloomberg users view the screens you are viewing |
| GRAB | GO | Send a screen to another user |
| PFMA | GO | Attach a function to a message |
| CNP | GO | Create a customized tour |

## FUNDAMENTALS, EARNINGS & CORPORATE ACTION ANALYSIS

| | | |
|---|---|---|
| 5 HK | EQUITY GO | |
| FA | GO | Standardized fundamental analysis |
| FDO | GO | Fundamental documentation and calculations |
| CF | GO | Company filings with download into Word |
| DVD | GO | Dividend and split summary report |
| ERN | GO | Measure quality and trends in earnings |
| EE | GO | Earnings estimates : IBES, Nelson's & Zacks |
| ACDR | GO | Earnings announcement calendar |
| SURP | GO | Earnings surprise analysis - positive/negative? |
| EEG | GO | Changing earnings est. affecting price movements |
| CACS | GO | Corporate action calendar (CACS) |
| ISSD | GO | Capital structure of a company |
| CRPR | GO | Current and historical corporate debt rating |
| DDIS | GO | Debt distribution of maturity over time |

## INDEX/BENCHMARK

| | | |
|---|---|---|
| **TPX** | `INDEX` `GO` | |
| **GMOV** | `GO` | Group movers |
| **IPRT** | `GO` | Index to PORT |
| **GRR** | `GO` | Group ranked |
| **MRR** | `GO` | Member rank |

## COMPANY NEWS & RESEARCH

| | | |
|---|---|---|
| **SIA SP** | `EQUITY` `GO` | |
| **CN** | `GO` | Company specific news |
| **CN WSA** | `GO` | Insider buying and selling |
| **CNAV** | `GO` | Company news: audio visual reports |
| **BRC** | `GO` | Research reports by company |
| **ANR** | `GO` | Analyst recommendations & ratings |
| **EDGR** | `GO` | Edgar SEC filings |
| **TCNI** | `GO` | News with NI |

## RELATIVE PERFORMANCE

| | | |
|---|---|---|
| **6501 JT** | `EQUITY` `GO` | |
| **RV** | `GO` | Peer group analysis : |
| | | 20 customizable reports |
| **COMP** | `GO` | Comparative total returns to Benchmarks |
| **TRA** | `GO` | Detailed total return with dividends |
| **HSN** | `GO` | Historical spread between 2 securities |

[E.g. type **6501 JT** `EQUITY` **TPX** `INDEX` followed by **HSN** `GO` ]

## TECHNICAL ANALYSIS

| | | |
|---|---|---|
| **BHP AU** | `EQUITY` `GO` | |
| **GPO** | `GO` | Historical prices with news button |
| **GPCA** | `GO` | Corporate action overlayed |
| | | on a price graph |
| **HRH** | `GO` | Historical return histogram – |
| | | normalized returns |
| **G** | `GO` | Create customized technical studies |
| | | and charts |
| **HVG** | `GO` | Historical volatility |

## INTRADAY TECHNICALS

| | | |
|---|---|---|
| **SCS IB** | `EQUITY` `GO` | |
| **AQR** | `GO` | Volume-weighted average quote recap |
| **QRM** | `GO` | Time and sales: |
| | | best bid and offer/inside market |
| **VAP** | `GO` | Volume at price chart |
| **TSM** | `GO` | Trade summary matrix: |
| | | gauge market sentiment |

## PORTFOLIO ANALYTICS

| | | |
|---|---|---|
| **NW** | `GO` | Follow news headlines and live prices |
| **PRPT** | `GO` | Custom portfolio reports : |
| | | sort your holdings |
| **PCMP** | `GO` | Compare portfolios to benchmarks |
| **PBSK** | `GO` | Portfolio basket: tracking price history |
| **PHST** | `GO` | Generate price history on portfolio baskets |
| **PBAL** | `GO` | Re-weight securities within a portfolio |
| **PSCA** | `GO` | Portfolio corporate action |

## DATA INTEGRATION

| | | |
|---|---|---|
| **API** | `GO` | Application program interface |
| **BBXL** | `GO` | Excel documentation |

For 24-h
assistance, pr
the HELP key tw

## NEWS

| | |
|---|---|
| NI ASB | Asia bond news |
| NI AXB | Asia ex-Japan bond news |
| NI CRA | Corporate debt ratings |
| NI EII | Economic instant insights |
| TNI GBN ASIA | Government news in Asia |
| TNI INF ASIA | Inflation news in Asia |
| TNI ECO ASIA | Economic news in Asia |
| TOP BON | Top Bond News |

## ECONOMIC DATA

| | |
|---|---|
| ECST | Current and historical economic statistics |
| IMF | International financial statistics |
| OECD | Economic indicators by OECD |
| WECO | World calendar of economic releases |
| EVNT | Calendar of upcoming events |

## MARKET MONITORS

| | |
|---|---|
| CBQ | Quick market summary in any country |
| IM | International monitors |
| NWEG | Sample template of securities monitors |
| WB | World bond monitors |
| WBF | World bond futures monitors |
| WIR | World interest rate futures monitors |
| WBIS | Rank performances of world bond indices |
| CPYM | Monitor multiple contributors |

## INTEREST RATES

| | |
|---|---|
| CENB | Pages and websites for central banks |
| MMR | Money market rates |
| IYC | International yield curves |
| CORP FMC | Fair market sector yield curves |
| FMCS | View fair market curve spreads against benchmark |
| FMHS | View historical fair market curve spreads against benchmark |
| FWCV | Analyse projected forward curve |
| MCA | Compare various implied forward curves |

## BOND SEARCH

*Eg.* SINGAPORE POWER HELP 10 GO

| | |
|---|---|
| SRCH | Bond search |
| NIM | New bond offering |

## DESCRIPTIVE AND CREDIT INFORMATION

*Eg.* US500630AM01 CORP GO
For a Korea Development Bank bond

| | |
|---|---|
| DES | Description of issue |
| CACS | Corporate actions |
| CRPR | Current and historical credit ratings |
| RATC | Current and historical credit rating actions |

## VALUATION

*Eg.* USY68851AJ68 CORP GO
To value a Petronas bond

| | |
|---|---|
| ALLQ | All quotes by pricing contributors |
| PCS | Change pricing contributor |
| YA | Yield and sensitivity analysis |
| YAS | Yield, spread, hedge and financing analysis |
| YAX | Cross currency yield analysis |
| ASW | Value a bond relative to the swap market |
| GY | Chart yield over time |
| FPA | Forward pricing analysis |
| RVF | Relative fair yield |
| RVM | Compare yield against interpolated treasury curve over time |
| RVS | Compare yield against implied interest rate swap curve |
| BXT | Buy ticket |
| SXT | Sell ticket |

*Eg.* HUWHY 2.875 09/03 CORP GO
To value a convertible Hutchison Whampoa bond

| | |
|---|---|
| OVCV | Determine fair and relative value based on pure credit spread |
| CNVG | Compare current premium with historical levels |

## HEDGING

| | |
|---|---|
| HG4 | Hedge using benchmark securities |
| FYH | Hedge using futures |

## TWO-SECURITY ANALYSIS

| | |
|---|---|
| COMP | Compare returns of a band against a selected benchmark |
| HS | Historical spread |
| SS | Spread summary |
| SW | Swap analysis of 2 bonds |

## MULTI-SECURITIES ANALYSIS

| | |
|---|---|
| BFLY | Butterfly/Barbell analysis |
| HMSM | 4-in-1 price/ yield graph |
| ICPS | Interpolated curve pricing |
| MPS | Price bonds against a base security |

## PORTFOLIO ANALYSIS

| | |
|---|---|
| PRTU | Create a bond portfolio |
| PD | Display current market value of portfolio |
| PCF | Cash flows reports |
| PRPT | Custom report writer |
| PSA | Interest rate sensitivity analysis |
| PVAR | Value-at-risk analysis |

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## MARKET MONITORS

| | |
|---|---|
| WEIF | World Equity Index Futures |
| WBF | World Bond Futures |
| WIR | World Interest Rate Futures |
| MFP | Oil/Gas Futures |
| METL | Metal Cash & Futures |
| CRPM | Grain Cash & Futures |
| LSTK | Livestock Cash & Futures |
| FV | Equity Index Fair Value |

## GENERAL MARKET INFORMATION

| | |
|---|---|
| CEPR | Futures Exchange Directory |
| CEM | Futures Exchange Menu |
| CTM | Futures Table Menu |
| TKA | Most Active Futures |
| OEM | Option Exchange Menu |
| OTM | Option Table Menu |
| MOSO | Most Active Options |

## PERSONAL DEFAULT SETTINGS

PDF `GO` 7 `GO`

| | |
|---|---|
| SESSIONS | Choose Trading Session |
| D | Day |
| N | Night |
| B | Both |

## SINGLE SECURITY ANALYSIS

Eg. NIA `CMDTY` `GO`

| | |
|---|---|
| DES | Contract Description |
| CT | Contract Table |
| EXS | Expiration Schedule |
| QR | Trade Recap |
| QRM | Trade/Quote Recap |
| FSM | Futures Spread Matrix |
| FHG | Futures History Graph |
| FVD | Fair Value (Equity Index) |
| GIT | Intraday Time Intervals |
| HP | Historical Price/ Yield Table |
| HCPI | Historical Percent Changes |
| TRAY | Performance Chart |
| HVT | Historical Volatility Table |
| HVG | Historical Volatility Graph |
| HIVG | Implied Volatility Graph |
| OTD | Option Description |
| OMON | Option Monitor |
| OCM | Custom Option Monitor |
| OMST | Most Active Option Monitor |
| OVM | Option Valuation Matrix |

## MULTIPLE SECURITY ANALYSIS

Eg. NIA `CMDTY` NKY `INDEX` `GO`

| | |
|---|---|
| HS | Historical Spread |
| HSN | Normalized Spread |
| HSP | Price Spread Table |
| SGP | Price Spread Graph |
| HVTS | Historical Spread Volatility |
| HRA | Hedge Regression Analysis |
| PRH | Price Regression Analysis |
| YRH | Yield Regression Analysis |
| FSM2 | Futures Spread Matrix |
| FHG2 | Futures History Graph |

## DELIVERABILITY ANALYSIS

USA `CMDTY` `GO`

| | |
|---|---|
| DLV | Cheapest-to-Deliver (CTD) |
| MDLV | CTD Monitor |
| HCD | Historical CTD |
| CMS | CTD Scenario Analysis |

## OPTIONS ANALYSIS

Eg. Type NIA `CMDTY` OMON `GO` Click on option

| | |
|---|---|
| OV | Option Valuation |
| OVX | Exotic Option Valuation |
| OSA | Option Scenario Analysis |
| OHT | Option Horizon Analysis |

## RELATED COMMODITY PAGES

`CMDTY` I `GO` Main Commodity Menu

| | |
|---|---|
| CMDI | Global Commodity Prices |
| CRB | CRB Movers |
| CRUD | Crude Oil Benchmarks |
| CINX | Crude/Fuel Oil Indices |
| FEPD | Asia Pac Oil Products |
| LME | LME Spot Metal Prices |
| USME | US Spot Metal Prices |
| FFBR | Food and Fibre prices |

## NEWS/MARKET COMMENTARY

`CMDTY` NN `GO` Commodity News

| | |
|---|---|
| ETOP | Top Energy News |
| CTOP | Top Commodity News |
| NRGN | Energy News/Comments |
| ENRG | Energy News Categories |
| MB | Metal Bulletin |

## STATISTICS

| | |
|---|---|
| CFTC | Commitment of Traders |
| CROP | Crop and Grain Statistics |

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# Bloomberg Quick Reference Guide

# Investor Relations

HELP  HELP

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assistance, pres
the HELP key twic

| MASP | GO | ITEM 1 | FOR THE 'G' TEMPLATES |
|---|---|---|---|
| MASP | GO | ITEM 11 | FOR THE CUSTOMIZED 'NW' NEW WORKSHEETS |
| MASP | GO | ITEM 9 | FOR TRAINING CLASSES |

## GENERAL MARKET INFORMATION

| | |
|---|---|
| ACDR | Earnings announcement calendar |
| CACT | Corporate action calendar |
| CBQ | Country monitors |
| ECDR | Information on upcoming/announced IPOs |
| EMTK | Index look-up by country |
| IBQ | Industry monitors |
| IRR | Index ranked returns |
| MA | Mergers and acquisitions |
| QSRC | Customized equity search |
| WB | World bond markets |
| WEI | World equity indices |
| WEIS | World equity indices - ranked returns |

## SINGLE SECURITY ANALYSIS

COMPANY NAME HELP 10 GO

eg: DBS SP EQUITY GO

| | |
|---|---|
| ANC | Nelson's analyst coverage |
| ANR | Analyst recommendations |
| BQ | Bloomberg quote page |
| BRC | Research reports by company |
| CACS | Corporate action calendar |
| CF | Company filings |
| CN | Company news |
| CNAV | Company news: audio visual reports |
| COMP | Comparative analysis |
| CWP | Company web page |
| DES | Company description |
| DVD | Dividend summary |
| EE | Earnings estimates |
| ERN | Earnings summary |
| FA | Financial analysis |
| GIP | Intraday price chart |
| GP | Historical price chart |
| HP | Historical price table |
| ISSD | Issuer information |
| MGMT | Company management profile |
| PHDC | Institutional holdings search |
| RELS | Related securities |
| RV | Peer group analysis: customised report |
| TSM | Trade summary matrix - VWAP |

## INDICES

| | | |
|---|---|---|
| STI INDEX | MOV | Equity index movers |
| STI INDEX | MRR | Index members- ranked returns |
| STI INDEX | WGT | Index member weightings |
| MOST | | Most active stocks |

## MARKET MONITORS

| | |
|---|---|
| CODE | Customize function keys |
| LAST | Bring up the last 8 functions run |

## MESSAGING

| | |
|---|---|
| MSG | Finding all messages received |
| MSG 2 | Create speed dialers |
| MSG 3 | Create group messages |
| INTERNET | Type full internet address then hit MSG |

## NEWS

| | |
|---|---|
| TOP | Top worldwide news |
| ATOP | Top news for South, S.E. Asia |
| NTOP | Top news for China, Korea, Taiwan |
| AV | Multimedia reports on demand |
| N | Search for general news categories and searche |
| NI ASIA | General Asian news |
| NI SP | News on Singapore |
| (NI MALAY/INDO/THAI/PHIL/HK/KOREA/TWN) | |
| | Individual country codes for news |
| NWEB | News web pages |
| PANL | Customize your news panel |
| TNI | Search for news by keyword |
| SGD CRNCY CN | News on the Singapore Dollar |
| NRC GO 22 GO | Enable/disable foreign language news |
| BBNI | News on industry groups |
| BBEA | Earnings analysis: positive and negative surprise |
| NMST | Headlines for most active stocks |
| BFM | Bloomberg Forum |

## CURRENCY MARKETS

| | |
|---|---|
| FXC | Forex cross rates table |
| FXC X | Personal default cross rates |
| IM | Treasury and money market monitor |
| JPY CRNCY HP | Historical table for the JPY |
| SGD CRNCY GP | Historical chart for the SGD |
| TKC | Exchange rates by region |
| TKC7 | Exchange rates for Asia |
| WCRS | Currency performance |
| XDF | Personal default page |

For 24-
assistance,
the HELP key

| | | |
|---|---|---|
| **MASP** GO | **ITEM 1** | FOR THE 'G' TEMPLATES |
| **MASP** GO | **ITEM 9** | FOR TRAINING CLASSES |
| **NWEG** GO | | FOR THE 'NW' EXAMPLES |

## GENERAL MARKET INFORMATION

| | |
|---|---|
| **ACDR** | Earnings announcement calendar |
| **CACT** | Corporate action calendar |
| **CBQ** | Country monitors |
| **ECDR** | Information on upcoming/announced IPOs |
| **EMTK** | Index look-up by country |
| **FPC** | Fund performance comparison |
| **FSRC** | Customised fund search |
| **IRR** | Index ranked returns |
| **MA** | Mergers and acquisitions |
| **QSRC** | Customized equity search |
| **WB** | World bond markets |
| **WEI** | World equity indices |
| **WEIF** | World index futures |

## MARKET MONITORS

| | |
|---|---|
| **HILO** | 52 week highs/lows |
| **LVI** | Largest volume increase |
| **MOST** | Most active stocks |
| **LAST** | Bring up the last 8 functions run |

## INDICES

| | | |
|---|---|---|
| **STI** INDEX | **MOV** | Equity index movers |
| **STI** INDEX | **MRR** | Index members-ranked returns |
| **STI** INDEX | **MBRS** | Index member weightings |

## SINGLE SECURITY ANALYSIS

**COMPANY NAME** HELP **10** GO

eg: **DBS SP** EQUITY GO

| | |
|---|---|
| **ANR** | Analyst Recommendations |
| **BQ** | Bloomberg quote page |
| **CACS** | Corporate action calendar |
| **CN** | Company news |
| **COMP** | Comparative analysis |
| **DES** | Company description |
| **DVD** | Dividend summary |
| **FA** | Financial Analysis |
| **HP** | Historical price table |
| **PHDC** | Institutional holdings search |
| **RELS** | Related securities |
| **RV** | Peer group analysis: |
| | RV PR for Pacific Rim, RV W for worldwide |

**PERSON'S NAME** HELP **7** GO

| | |
|---|---|
| | People search |
| **PERS** | Personal Resource Guide |
| **PHONE** | Retrieve Bloomberg on your Palm Pilot |

## MESSAGING

| | | |
|---|---|---|
| MSG | | Finding all messages received |
| MSG | **2** | Create speed dialers |
| MSG | **3** | Create group messages |
| **INTERNET** | | Type full internet address then hit MSG |

## CHARTING

| | |
|---|---|
| **G** | Create customized technical analysis |
| **GIP** | Intraday price chart |
| **GP** | Historical price chart |
| **GPO** | Historical bar chart |
| **HMSM** | 4-in-1 graphs |
| **GRAB** | To send a chart |

## NEWS

| | |
|---|---|
| **BFM** | Bloomberg forums |
| **TOP** | Top worldwide news |
| **BBSE** | Economic news |
| **N** | Search for general news categories and search |
| **NI ASIA** | General Asian News |
| **NI FED** | News and commentary from the Federal Reser |
| **NI SP** | News on Singapore |
| **(NI MALAY/INDO/THAI/PHIL/HK/KOREA/TWN)** | |
| | Individual country codes for news |
| **NWEB** | News web pages |
| **TNI** | Search for news by keyword |
| **SGD** CRNCY **CN** | News on the Singapore Dollar |
| **NRC** GO **22** GO | Enable/disable foreign language news |

## CURRENCY MARKETS

| | |
|---|---|
| **BBAM** | BBA Libor rates |
| **BTMM** | Treasury and money market monitor |
| **FXFR** | Monitor spot and forward exchange rates |
| **MMR** | Money market rates |
| **TKC** | Exchange rates by region |
| **TKC7** | Exchange rates for Asia |
| **WCRS** | Currency performance |
| **HVT, HVG, HIVG FOR OPTIONS ANALYSIS** | |

## ECONOMICS

| | |
|---|---|
| **WECO** | World calendar of economic releases |
| **ECST/ESNP** | Economic statistics/snapshots |
| **EIU** | Economic Intelligence Unit |
| **FOMC** | Find out what the Fed is doing |
| **OECD** | OECD indicators |

## BONDS

**COMPANY NAME** HELP **10** GO

| | |
|---|---|
| **SRCH** | Corporate bond search |
| **NIM** | New issue monitor |
| **YAS** | Yield and spread analysis to benchmark |
| **IYC** | Global yield curve analysis |

# The one stop, swap shop

### NEWS – *Access real-time and archived news that affects your securities*

| | |
|---|---|
| **TOP BON** | Read the day's top headlines and news stories for your chosen category |
| **N ?** | Search for general news categories and codes |
| **NI SWAPSCOL** | Follow the regular Swaps Focus Column |

### ECONOMIC DATA – *Keep abreast of important economic releases*

| | |
|---|---|
| **WECO G7** | Check economists' estimates of forthcoming releases |
| **ECST EU** | Examine current and historical economic statistics from around the world |
| **ESNP FR** | Display a snapshot of a country's economic statistics on one screen |
| **EIU** | Access the Economist Intelligence Unit regulatory, tax and trade profiles |

### MARKET MONITORS – *Trace the markets that impact your decisions*

| | |
|---|---|
| **WIR** | Monitor prices or yields for active short-term interest rate futures (STIRs) |
| **WB** | Compare the levels of world bond market prices and yields |
| **WBF** | Monitor prices or display yields for active bond futures contracts |
| **IRSB** | Monitor all the interest rate swap markets rates and spreads |
| **NW** | Create monitors with expandable windows of worksheets, graphs and news |
| **EUSW** | Monitor euro swap, government, agency and futures data - on one page |
| **USSW** | Monitor U.S. swap, government, agency and futures data |

### INTEREST RATES – *Study current trends and future projections*

| | |
|---|---|
| **BTMM EU** | Monitor the major currency and interest rates for a country on one screen |
| **SSRC BP** | Monitor STIR strips, FRAs, swap rates, caps, floors and swaptions volatilities |
| **SA** | Compare swap rates with synthetic rates derived from STIRs |
| **IYC** | Monitor benchmark and swap curves |
| **MMCV** | Look at current and historic money market curves |
| **SWYC** | Design and build customized swap curves |
| **FWCV US** | Look at how a swap curve may evolve and project the future path of rates |
| **MCA 8 30 31** | Calculate implied forward rates and check how spreads will move |
| **SWYV** | Customize historical and implied volatilities for government and swap curves |

SearchNewsMarketsDataAnalysisExecutionDistribution

To search on a topic, t
in the key word and
the HELP

Bloomber

## DERIVATIVE CALCULATORS – *Create and value structures*

| | |
|---|---|
| **BCSW BP** | Value a plain vanilla or forward start interest rate swap |
| **BCCF EU** | Calculate the premium, implied volatility or strike of a cap, floor or collar |
| **OVSW** | Value European, American or Bermudan swaptions using a variety of models |
| **SWPL** | Create and store complex interest derivative structures |

## VALUATION – *Calculate a swap's value*

**/ALL** `CORP` `GO`  To select an interest rate derivative you have created

| | |
|---|---|
| **SWAP** | Calculate the value of a swap, swaption, cap, floor or collar |
| **SWHZ** | Perform horizon analysis on a swap using different rate assumptions |

## VALUATION – *Calculate a bond's relative value*

**GLXO 8.75 12/01/05** `CORP` `GO`  To select a Glaxo Wellcome bond

| | |
|---|---|
| **RVS** | Track the spread of a security to the underlying swap curve |
| **ASW** | Value a bond relative to the swap market |
| **OV** | Price a European or American OTC bond option using a variety of models |
| **OTCT** | Value a series of OTC bond options on the same underlying instrument |

## HEDGING – *Calculate a hedge amount of futures or bonds against a swap*

**/ALL** `CORP` `GO`  To select a swap you have created

| | |
|---|---|
| **FYH** | Calculate the amount of futures contracts needed to hedge a swap position |
| **HG4** | Determine the number of bonds required to hedge a swap position |
| **HGS** | Hedge a primary swap position with a generic swap |

## PORTFOLIO ANALYSIS – *Analyse and compare portfolios*

**UPD** `GO`  To access a portfolio that you have created

| | |
|---|---|
| **PRPT** | Create customized portfolio reports |
| **PSA** | See how your portfolio would respond to specific yield curve scenarios |
| **PVAR** | Generate a value-at-risk report using your preferred assumptions |
| **SWPR** | See the total market value of all your swap positions and grid point deltas |
| **OPSF** | Run 'What-if' analysis on bonds, OTC and exchange traded options |