TSX Security Master - Specifications

File Layout

(Toronto Stock Exchange (TSX) files & TSX Venture Exchange (TSXV) files, daily and monthly)

Field Name	Field Type	Comments
SYMBOL	Alphanumeric	
ISSUE LONG NAME	Alphanumeric	
CUSIP	XXXXXX XX X	
NATURE OF BUSINESS	Alphanumeric	
BASE LOCATION	C, U or F	C – Canada; U – United States; F – Foreign.
OLD NAME	Alphanumeric	Prior company name.
NAME CHANGE DATE	YYYY-MM-DD	
SUSPENSION DATE	YYYY-MM-DD	Suspension start date; only populated if security is currently suspended.
COMPANY LIST DATE	YYYY-MM-DD	
COMPANY DELIST DATE	YYYY-MM-DD	
ISSUE SHORT NAME	Alphanumeric	
COMPANY NAME	Alphanumeric	
ISSUE LIST DATE	YYYY-MM-DD	See Technical Notes.
ISSUE DELIST DATE	YYYY-MM-DD	See Technical Notes.
FISCAL YEAR END	MMDD	
OUTSTANDING SHARES	Numeric	Includes escrowed shares.
SPLIT DATE	YYYY-MM-DD	
SPLIT FACTOR	Numeric	TSX: (# new shares / # old shares). TSXV: (# old shares / # new shares) up to & incl pre-market open Jan. 14, 2011; (# new shares / # old shares) on Jan. 14, 2011 post-market close & thereafter.
DIVIDEND PAYING INDICATOR	A, B, I, M, Q or S	A – Annual; B – BiMonthly; I – Interim; M – Monthly; Q – Quarterly; S – Semiannual. Not populated for TSXV file.
OPTIONS TRADED FLAG	Y/N	Not populated for TSXV file.
ESCROWED SHARES	Numeric	Added as an empty field on TSX file on Jan. 14, 2011 post-market close. Populated field added to TSXV file Sept. 1, 2009.
SECURITY DESCRIPTION	Alphanumeric	Added Jan. 14, 2011 post-market close. Not populated for TSXV.
SECURITY TYPE	Alphanumeric	Added Jan. 14, 2011 post-market close & thereafter. Variable length text field. TSX file provides a code; see Toronto Stock Exchange Security Type Mapping table. TSXV file does not require mapping.
ETF FLAG	Y/N	Added Jan. 14, 2011 post-market close. Not populated for TSXV.

Technical Notes

1. **Issue List Dates**.

   - TSX Data File: Issue List Date is generally the day when trading starts. Exceptions to this rule may occur if there is a late Listings Bulletin in which case the Issue List Date is the day when trading starts. Securities with past, current and future Issue List Dates are included.

   - TSXV Issue Data File: Issue List Date is the day when trading starts, or when trading starts under a new CUSIP number (i.e. the date when a CUSIP number change is effective). Securities with past and current Issue List Dates are included. Securities with future Issue List Dates are not included.

2. **Delisted Issues**. Delisted issues remain on the TSX and TSXV files (daily and monthly) for two calendar months from the <Issue Delist Date>. For instance, a security delisted March 16, 2011 would remain on the daily files up to and including May 16, 2011; and would remain on the monthly files up to and including April 30, 2011.

FOR MORE INFORMATION
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Technical Notes (continued)

3. **Issue Delist Dates**. Securities are delisted at the end of the trading day.
   - <u>TSX Data File</u>: The Issue Delist Date reported reflects the next trading day after a security issue has been delisted from the Toronto Stock Exchange. For instance, if a security issue is delisted at the close of trading March 2, 2011, the Issue Delist Date would be March 3, 2011.
   - <u>TSXV Issue Data File</u>: The Issue Delist Date reported reflects the same trading day that a security issue has been delisted from the TSX Venture Exchange, or the last day of trading under a specific CUSIP number (i.e. if a CUSIP number change is effective the next trading day). For instance, if a security issue is delisted at the close of trading June 5, 2014, or its CUSIP changes effective June 6, 2014, the Issue Delist Date would be June 5, 2014.

4. **Name Fields.**

   - <u>TSX Issue Data File</u>: Changes to Company Name are reflected in both the pre-market open file and post-market close files on the effective date. However, changes to Issue Long Name and Issue Short Name are not reflected in the pre-market open file on the effective date but would be reflected in the post-market close file.

   - <u>TSXV Issue Data File</u>: Changes to Company Name, Issue Long Name and Issue Short Name are reflected in both the pre-market open file and post-market close files on the effective date.

5. **Symbol Changes.**

   Symbol change reporting conventions are different for TSX and TSXV Issue Data files as indicated below:

   - <u>TSX Data File</u>: When the symbol change becomes effective, the new symbol is reported and the prior symbol is not reported (i.e. when stock symbol ABC becomes DEF, only DEF will appear in the TSX Issue Data File).

   - <u>TSXV Issue Data File</u>: When the symbol change becomes effective and is accompanied by a CUSIP change (most cases), the new symbol is reported as listed and the prior symbol is reported as delisted (i.e. if stock symbol GHI becomes JKL, GHI would appear with a status of delisted and JKL would appear with a status of listed.)

     When the symbol change becomes effective and is not accompanied by a CUSIP change (minority of cases), the new symbol is reported and the prior symbol is not reported (i.e. if stock symbol MNO becomes PQR, only PQR would appear in the TSXV Issue Data File).

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TSX Security Master - Specifications (continued)

Toronto Stock Exchange Security Type Mapping Table

Code	Security Type	Code	Security Type
ADS	American Depositary Shares	NT	Notes
CAP	Capital Shares	NV	Non-voting Shares
CLA	Class A Shares	ODS	Ordinary Division Shares
CLB	Class B Shares	ORD	Ordinary Shares
CLC	Class C Shares	PIN	Protected Index Notes
CLI	Class I Shares	PRA	Preferred Class A
CLT	Class T Shares	PRB	Preferred Class B
CLX	Class X Shares	PRF	Preferred Shares
CLY	Class Y Shares	PRT	Preferred Share Receipt
COM	Common Shares	REC	Receipts
DCR	Dividend Capital Receipts	RTS	Rights
DEB	Debentures	RUT	Royalty Units
DIV	Dividend Shares	RV	Restricted Voting Shares
DS	Derivative Securities	RW	Redeemable Warrants
EDS	Equity Dividend Shares	SBR	Subscription Receipts
ELN	Equity Linked Notes	SDS	Senior Dividend Shares
EQS	Equity Shares	SHS	Shares
EXC	Exchangeable Shares	SN	Subordinated Notes
GDS	Global Depositary Shares	SPS	Special Shares
GLN	Gold Linked Convertible Notes	SV	Subordinate Voting Shares
INR	Instalment Receipts	SW	Secondary Warrants
IPW	Index Put Warrants	TRUCS	Trust Capital Securities
LPU	Limited Partnership Units	TUT	Trust Units
LV	Limited Voting Shares	USF	U.S. Funds
MID	Monthly Income Dividend Shares	UTS	Units
MS	Mortgage Securities	WTE	Extendible Warrants
MV	Multiple Voting Shares	WTS	Warrants
NRP	Non-Resort Preferred Shares	XCERT	Exchange Certificates

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TSX Security Master - Specifications (continued)

Product Files

TSX Security Master daily product consists of separate files for the Toronto Stock Exchange (TSX) and TSX Venture Exchange (TSXV) that are available at pre-market open and post-market close:

File Name Formats:

Daily Pre-Market Open and Post-Market Close Files*:

- TSX file: YYYYMMDDIssueDataFile.txt (e.g. 20090611IssueDataFile.txt)
- TSXV file: YYYYMMDDTSXVIssueDataFile.txt (e.g. 20090611TSXVIssueDataFile.txt)

Monthly Files:

- TSX file: YYYYMMDDIssueDataFileMonthly.txt (e.g. 20090611IssueDataFileMonthly.txt)
- TSXV file: YYYYMMDDTSXVIssueDataFileMonthly.txt (e.g. 20090611TSXVIssueDataFileMonthly.txt)

Delivery Times:**

- Daily Pre-market open files*:   4:00 – 5:00 AM ET
- Daily Post-market close: 5:00 – 6:00 PM ET

* Pre-market open product files have the same file names as the post-market close files. The pre-market open files will only be available on the TMX Datalinx web site until the post-market close file is produced, at which time the post-market close file will overwrite the pre-market open file on the TMX Datalinx web site. Those receiving the TSX Securities Master File by email will receive both the pre-market open and post-market close versions each business day.

** Delivery times are approximate and may vary.

Product Delivery & Format

- Delivery: FTP, Web, Email
- Format: Tab delimited text

Historical Files

- Available from October 1998 for the TSX Issue Data file.
- Available from April 2008 for the TSXV Issue Data file.

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