****REVISED*****NOTICE OF EFFECTIVE DATE – TECHNICAL AMENDMENTS TO CDS PROCEDURES

HOUSEKEEPING CHANGES – November 2017

A. DESCRIPTION OF THE PROPOSED CDS PROCEDURE AMENDMENTS

The following amendments are housekeeping changes made in the ordinary course of review of CDS's Participant Procedures, and are required for correction or stylistic enhancement.

ENGLISH

Please note that the English version includes technical amendments that do not appear in the French version and that are meant to ensure consistency between both versions, coherence of the text or its linguistic quality.

CDS Delivery Services

- Chapter 1, Delivery Services, Section 1.2 Courier used for delivery services- Delete "This is filed in the participant's lock box the next business day" to eliminate reference to discontinued lock box.
- Chapter 8, International Deliveries, Section 8.1 New York Link settlements- Delete paragraph: "A
 daily courier receipt is sent from CDS listing a summary of the envelopes received and their declared
 value, and is filed in the participant's lock box during the next business day" to eliminate reference to
 discontinued lock box.

CDS Reporting Procedures

- Chapter 1 Introduction, Section 1.2 List of Reports Remove CNS Consolidated Trade Summary report entry to reflect discontinuation of the report.
- Chapter 1 Introduction, Section 1.2 List of Reports Remove Supplemental Consolidated Trade Summary report (Cycles 1 and 2) entry to reflect discontinuation of the report.
- Chapter 10, Continuous Net Settlement, Section 10.5 CNS Mark Difference Details- Remove "and again after the CNS/BNS process" to reflect revised schedule.
- Chapter 10, Continuous Net Settlement, Section 10.9 Outstanding CNS Position Update report-Remove "and again after the CNS/BNS process" to reflect revised schedule.
- Chapter 10, Continuous Net Settlement, Section 10.10 Value-dated CNS Position Update- Remove "and again after the CNS/BNS process" to reflect revised schedule.
- Chapter 13, Entitlement Reports, Section13.33 Unconfirmed Withdrawal of Tender Report -Depositary Agent – Remove section to eliminate reference to discontinued report.
- Chapter 13, Entitlement Reports, Section 13.34 Unconfirmed Withdrawal of Tender Report Participant – Remove section to eliminate reference to discontinued report.
- Chapter 16 International Reports Remove CNS Consolidated Trade Summary report Remove entry to eliminate reference to discontinued report.
- Chapter 16 International Reports Remove Supplemental Consolidated Trade Summary report (Cycles 1 and 2) - Remove entry to eliminate reference to discontinued report.
- Chapter 16 International Reports, Section16.6 CNS Consolidated Trade Summary report Remove section to eliminate reference to discontinued report.
- Chapter 16 International Reports, 16.29 Supplemental Consolidated Trade Summary report (Cycles 1 and 2) Remove section to eliminate reference to discontinued report.

CDSX Procedures and User Guide

- Chapter 1, Introduction, Section 1.12 Additional Services Remove JASDEC Link Service entry to eliminate reference to terminated participant (effective date September 30, 2017).
- Chapter 3, Issue Activities Section 3.6.5 Viewing eligibility and restriction information Remove JSS-JASDEC Link Service entry to eliminate reference to terminated participant (effective date September 30, 2017).
- Chapter 4, Book-entry strips and packages Remove Depositing physical strips bullet to reflect changes to physical strip products.

CDSX Procedures and User Guide (continued)

- Chapter 4, Book-entry strips and packages, Section 4.4.2 Stripping CDSX-restricted Eurobond -Remove section to reflect changes to physical strip products.
- Chapter 4, Book-entry strips and packages, Section 4.4.3 Stripping CDSX-restricted U.S. market bonds - Remove section to reflect changes to physical strip products.
- Chapter 6, Deposit Activities Remove bullet referencing physical strips to reflect changes to physical strip products.
- Chapter 6, Deposit Activities, Section 6.4 Security Deposits Correct typo (Change "dentry" to "entry".
- Chapter 8 Entitlement Activities, Withdrawal cut off times (unnumbered subsection of 8.4.3 Delete step 8 to eliminate referencing discontinued Unconfirmed Withdrawal of Tender Report – Participant report.
- Chapter 8 Entitlement Activities, Section 8.1 Entitlement cut off times Add "at 10:00 a.m." after "On the option's expiry date" to clarify timing.

DTC Direct Link Participant Procedures

Chapter 1, About the DTC Direct Link Service, Section CDS Billing (Unnumbered section under 1.4 Billing) - Remove paragraph stating that CDS distributes documents received from DTCC in the participant lock boxes to eliminate reference to discontinued lock box.

Participating in CDS Services

- Table of Contents Remove 6.3 Lock boxes and keys entry to eliminate reference to discontinued lock box.
- Table of Contents Remove 7.17 JASDEC Link Service to eliminate reference to terminated participant (effective date September 30, 2017).
- Administrating access to CDS's systems and services- Delete lock boxes and keys in the Arranging for access to CDS premises bullet to eliminate reference to discontinued lock box.
- Chapter 6, Setting up access to CDS premises Eliminate reference to discontinued lock boxes and key.
- Chapter 6, Setting up access to CDS premises 6.3 Lock boxes and keys- Delete section to eliminate reference to discontinued lock box.
- Chapter 7, Registering and Withdrawing from CDS Services- Section 7.17 JASDEC Link Service -Delete section to eliminate reference to terminated participant (effective date September 30, 2017).

Pledge and Settlement Procedures

• Chapter 4, Modifying Pledges, Section 4.8 Requesting partial settlement – Updated incomplete statement that securities must be pledged to satisfy partial settlement to read "securities and/or cash".

Trade and Settlement Procedures

Chapter 1, Introduction to Trade and Settlement, Section 1.8 International deliveries - Remove
JASDEC Link bullet to eliminate reference to terminated participant (effective date September 30,
2017).

CDS Glossary

- Terms Remove JASDEC Link Service entry to eliminate reference to terminated participant.
- Acronyms and Abbreviations Remove JASDEC entry to eliminate reference to terminated participant (effective date September 30, 2017).

CDS Application for Participation

- Remove reference to discontinued lock box on page 20.
- Update address to 100 Adelaide Street West, Toronto, Ontario M5H 1S3 on the following pages:
 - o Page 25
 - o Page 26
 - o Page 27
 - o Page 28
 - o Page 34
 - o Page 49

CDSX Forms

- CDSX174 Replacement Designation of Signing Officers: Update CDS address to 100 Adelaide Street West, Toronto, Ontario M5H 1S3.
- CDSX 218 Data Transmission Request: Modify list of data files to reflect current set available to participants:
 - Delete 0020 NSCC consolidated net settlement trade summary file, which is no longer available to participants.
 - Add 0028-02 NSCC Consolidated Trade Summary (CTS) CSV file, which is now available to participants.
 - Add 0028-03 NSCC Consolidated Trade Summary (CTS) MRO, which is now available to participants.
- CDSX 377 InterLink/SWIFT Service Message Request: Remove typo (P under Third Party).
 - CDSX 798 CDS Online Services, Support Service Eligibility Details Ledger Functions:
 - Remove JSS Delivery Free entry to reflect participant termination.
 - Update TMX CDS logo.
- CDSX 811 Event Claim Form Update CDS address to 100 Adelaide Street West, Toronto, Ontario M5H 1S3.
- CDSX831 Issuer Letter of Authorization:
 - Update CDS address to 100 Adelaide Street West, Toronto, Ontario M5H 1S3.
- CDSX832 Issuer Legal Opinion Cover Letter:
 - Update CDS address to 100 Adelaide Street West, Toronto, Ontario M5H 1S3.
- CDSX836 Application for Subscriber Plan:
 - Update TMX CDS logo.
 - o Update CDS address to 100 Adelaide Street West, Toronto, Ontario M5H 1S3.
- CDSX837 Notification of Participant Shared (Terminal) Access:
 - Update TMX CDS logo.
 - o Update CDS address to 100 Adelaide Street West, Toronto, Ontario M5H 1S3.
- CDSX843 Web Services Request Correct name for CDS NR-7 Certification Service.
- CDSX858 Appointment and Authorization of Third Party Trade Reporting (TPTR):
 - Update TMX CDS logo.
 - Update CDS address to 100 Adelaide Street West, Toronto, Ontario M5H 1S3.
- SMS012 Confirmation of Registered Holdings Form:
 - Move TMX CDS logo to standard top left placement.
 - Update CDS address to 100 Adelaide Street West, Toronto, Ontario M5H 1S3.
 - Correct typo (Biling address).
- SMS013 Sample Request Letter:
 - Update CDS address to 100 Adelaide Street West, Toronto, Ontario M5H 1S3.
 - o Correct typos (Authorised **sigature** of issuer or agent **representive**)

FRENCH

Please note that the French version includes technical amendments that do not appear in the English version and that are meant to ensure consistency between both versions, coherence of the text or its linguistic quality.

The following amendments were made only in the French version of the documents.

Transfer Agent Procedures

- Chapter 1, Introduction, section 1.4, CDSX custodian functions Revision of the translation of this section to ensure consistency with the English version. Correction of a typo in the table.
- Chapter 4, Processing security deposit requests, section 4.4, Inquiring on security deposits in CDSX

 Revision to ensure uniformity in French of transfer agents by « agents des transferts », in replacement of « agents de transfert ».

CDSX Procedures and User Guide

- Chapter 3, Issue Activities, section 3.2.4, Book-entry-only issues Addition of the word « différé » to « avec certificat» [deferred certificate] in the bullet point list to ensure consistency with the English version
- Chapter 3, Issue Activities, section 3.8, Setting up non-money market securities, point 1 Revision of the translation of point 1 to ensure consistency with the English version.
- Chapter 3, Issue Activities, section 3.8, Setting up non-money market securities, point 7 Grammar corrections, from « sans certificats » to « sans certificat » [non-certificated], and from « avec certificats différés » to « avec certificat différé » [deferred certificate] to ensure uniformity in French.
- Chapter 7, Withdrawal activities, section 7.3, Requesting security withdrawals Deletion of the paragraph starting with « Les heures limites en vigueur [...] » to ensure consistency with the English version.

CDS procedure amendments are reviewed and approved by CDS's strategic development review committee (SDRC). The SDRC determines or reviews, prioritizes and oversees CDS-related systems development and other changes proposed by participants and CDS. The SDRC's membership includes representatives from the CDS participant community and it meets on a monthly basis.

These amendments were reviewed and approved by the SDRC on November 23, 2017.

The proposed procedure amendments are available for review and download on the User Documentation page on the CDS website at www.cds.ca/cdsclearinghome.nsf/Pages/-EN-UserDocumentation?Open.

B. REASONS FOR TECHNICAL CLASSIFICATION

The amendments proposed in this Notice are considered technical in nature, involving matters of routine operating procedures and administrative practices relating to the settlement services, to correct inaccurate grammar and referencing, and to enhance stylistic formatting.

C. EFFECTIVE DATE OF THE CDS PROCEDURE AMENDMENTS

CDS is recognized as a clearing agency by the Ontario Securities Commission pursuant to Section 21.2 of the Ontario Securities Act, and by the British Columbia Securities Commission pursuant to Section 24(d) of the British Columbia Securities Act, and as a clearing house by the Autorité des marchés financiers pursuant to Section 169 of the Quebec Securities Act. In addition CDS is deemed to be the clearing house for CDSX®, a clearing and settlement system designated by the Bank of Canada pursuant to Section 4 of the Payment Clearing and Settlement Act.

CDS has determined that these amendments will become effective upon receiving the necessary regulatory approvals.

D. QUESTIONS

Questions regarding this notice may be directed to:

Andrea Weissler
Documentation Specialist, Operations Governance & Oversight
CDS Clearing and Depository Services Inc.
100 Adelaide Street West
Toronto, Ontario M5H 1S3
Telephone: (416) 365-8406

Email: andrea.weissler@tmx.com

- International deliveries This is a two-way armoured courier delivery service
 participants use to deliver non-negotiable securities, negotiable securities and
 documents (i.e., reports and notices) between CDS and the Depository Trust
 Company (DTC) and National Securities Clearing Corporation (NSCC). Delivery
 services are handled in the following ways:
 - New York Link settlements The participant drops off settlement envelopes for the New York Link service at CDS. An armoured courier delivers the envelopes to NSCC for the Intercity Envelope Settlement Service (IESS).
 - New York Link/DTC Direct deposits The participant drops off deposits for the New York Link service at CDS. An armoured courier delivers the envelopes to DTC.
 - CDSX U.S. deposits and withdrawals The participant drops off security deposits for DTC at CDS. An armoured courier delivers the envelopes to DTC.

1.1 CDS disclaimer of responsibility

Participants using delivery services must bear the liability for the value of their shipments. CDS is only liable for the securities held for participants and credited to the securities accounts maintained for CDSX, from the time a security is deposited to the time it is withdrawn. For more information on the terms and provisions for using delivery services, refer to the Participant Rules.

Except as CDS may determine to be appropriate or necessary, CDS does not examine the contents of envelopes or verify the amounts of money shown on the list accompanying an envelope. CDS is not responsible for the contents and is only providing a courier service.

1.2 Courier used for delivery services

For delivery services, CDS ships securities using an armoured courier with the exception of same-city transfer where messengers are used.

CDS currently uses Brink's® Canada as its armoured courier.

Notify the armoured courier if the value of the shipment is over \$50 million.

A daily courier receipt is printed listing a summary of the envelopes received by a participant and their declared value (if appropriate). This is filed in the participant's lock box the next business day. For any discrepancies, contact CDS Operations on the same day. For any discrepancies noticed after the delivery date, contact CDS Customer Service.

CHAPTER 8

International deliveries

International deliveries is a two-way armoured courier delivery service participants use to deliver non-negotiable securities, negotiable securities and documents (i.e., reports and notices) between CDS and the Depository Trust Company (DTC), the National Securities Clearing Corporation (NSCC) or the appropriate transfer agent. Deliveries are handled in the following ways:

- New York Link settlements The participant drops off settlement envelopes for the New York Link service at CDS. An armoured courier delivers the envelopes to NSCC for delivery under their Intercity Envelope Settlement Service (IESS).
- New York Link/DTC Direct deposits The participant drops off deposits for the New York Link service at CDS. An armoured courier delivers the envelopes to DTC.
- CDSX U.S. deposits and withdrawals The participant drops off security deposits for DTC at CDS. An armoured courier delivers the envelopes to DTC.

Note: For all services, DTC contacts the participant directly for OFAC related inquiries.

8.1 New York Link settlements

IESS envelopes are used for New York Link settlements.

This service may be used to deliver:

- non-negotiable securities
- negotiable securities
- other documents.

A daily courier receipt is sent from CDS listing a summary of the envelopes received and their declared value, and is filed in the participant's lock box during the next business day.

For any discrepancies, contact CDS on the same day. For any discrepancies noticed after delivery date, contact CDS Customer Service.

8.1.1 Preparing IESS envelopes

One IESS envelope is used for each New York Link security.

Occasionally, when DTCC calculates its service and usage rebates, the participant may receive a credit in their settlement account. These credits are not part of the billing cycle and are not included in CDS billing.

CDS billing

On the seventh business day of every month, CDS sends each participant an invoice. The International section of the invoice shows the following:

- DTCC billable amount from two months ago
- CDS's markup on that amount
- CDS charges related to the previous month's activity.

To determine the CDS markup amount, CDS obtains the DTCC and Omgeo total, subtracts any American Depository Receipt charges and calculates the appropriate markup in accordance with CDS's *Participant Product Price List*.

CDS distributes the CDS monthly invoices and a copy of the DTC Direct Link invoice received from DTCC, in the participants' lock boxes on the seventh business day of the month.

CDS collects payments in U.S. dollars on the ninth business day of the month and that payment is reflected on the CNS Cash Reconciliation Statement report. For more information on this report, refer to CDS Reporting Procedures.

1.5 U.S. withholding tax

The U.S. Internal Revenue Service (IRS) has regulations with respect to withholding tax on U.S. source income. These regulations affect certain aspects of participants' operations including the manner in which they assign tax classifications to the DTCC accounts for which they are responsible.

CDS collects the required documentation on behalf of DTCC.

For more information, refer to DTCC's documentation.

extender of credit

A CDS participant who is a financial institution, direct clearer or group clearer member of the Canadian Payments Association, has capital of not less than \$1 billion and is a direct participant in LVTS.

FundSERV

A company that facilitates the processing of mutual fund transfer requests transmitted from the ATON system.

InterLink

A CDS service that participants use to submit trade messages to CDS during the day.

Internal Risk Management System (IRMS)

A CDS system that calculates the haircut rates for securities to determine ACV and the collateral requirements for the CNS participant fund.

International Securities Identification Number (ISIN)

A code that uniquely identifies securities. It consists of a two-character alphabetical country code, nine-character alphanumerical security identifier and a check-digit.

JASDEC Link Service

A unilateral custody link established by CDS with the Japan Securities Depository Center, Inc. (JASDEC) that facilitates book based movements of Canadian securities, eligible at both CDS and JASDEC, between the two depositories.

Large Value Transfer System (LVTS)

A wire payment system administered by the Canadian Payments Association that facilitates electronic funds payments. It provides real-time finality of payment to the receiver and guaranteed same-day certainty of funds settlement.

mark-to-market

A practice that revalues securities and trades in the course of settlement using current market prices.

Acronyms and abbreviations

ACT Automated Confirmation Transaction

ACV aggregate collateral value

APAS Appointment of Proxy Attorney System ATON™ Account Transfer Online Notification

BEO book-entry-only issue

BEPM book-entry payment method

BNS batch net settlement

CBS certificate-based settlement

CDCC Canadian Derivatives Clearing Corporation (CDCC)

CDS® The Canadian Depository for Securities Limited

CMS Collateral Management System

CNS continuous net settlement

CPA Canadian Payments Association

CUID Customer Unit Identifier

DRS Direct Registration Option

DTC The Depository Trust Company

DTCC The Depository Trust & Clearing Corporation

EAS Electronic Alert service

ESIR Electronic Settlement Instruction Registry

IRMS Internal Risk Management System

ISIN International Securities Identification Number

JASDEC Japan Securities Depository Center, Inc.

LVTS Large Value Transfer System

NASDAQ National Association of Securities Dealers Automated Quotations

NCS Network Custody and Clearing System

NRD® National Registration Database

NSCC National Securities Clearing Corporation performance, volume and stress testing

RBM risk-based margining **RFT** request for transfer

RMS Report Management System

SCRIBE™ System for Canadian Real-Time Information Broadcast Electronically

SEB Skandinaviska Enskilda Banken AB

 Summary of Outstanding Confirmed Transactions report – Lists the balances of outstanding CNS transactions, CNS transactions with next-day value, net CNS transactions, transactions available in the CNS settlement account, outstanding non-CNS transactions and outstanding non-CNS transactions with next-day value.

For more information, refer to CDS Reporting Procedures.

1.12 Additional services

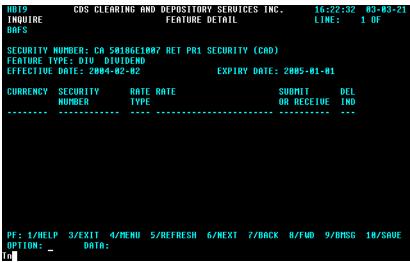
Participants may subscribe to additional services that are available in CDSX. The additional services that use CDSX are listed below:

- InterLink service An alternative to using CDS online systems to transmit transaction details and receive transaction and system messages. For more information, refer to CDS Batch and Interactive Services – Technical Information.
- Limited Functionality Depository Ledger Service Participants who require the
 use of a depository ledger for segregation of money market securities can have
 limited access to CDSX. For more information, refer to Participating in CDS
 Services.
- ATON service A service that facilitates the data exchange of client account information by subscribers. This service replaces the paper-based requests for transfers and the associated asset lists used to effect account transfers from one broker to another. The ATON service enables the electronic transfer of information and provides an online confirmation process. For more information, refer to ATON User Guide.
- Bulletin Service CDS produces and distributes information bulletins related to critical activities resulting from daily securities issuance, trading, entitlement processing and international links. For more information, refer to CDS Bulletins on the CDS website (www.cds.ca).
- File Transmission service A service that provides end-of-day and beginning-of-day CDSX transaction details, security and entitlement information, ledger position details and information on DTCC activities. For more information, refer to CDS Batch and Interactive Services – Technical Information.
- Trade Matching service A service that matches non-exchange trades. For more information, refer to *Trade and Settlement Procedures*.
- Continuous Net Settlement service A service that nets eligible trades with valuedated CNS positions. CNS positions that reach value date become outstanding CNS positions and are considered for CNS settlement. For more information, refer to *Trade and Settlement Procedures*.

- GIC Funds-Only Trade Service A service that allows GIC issuers and purchasers to settle funds owing between them for daily settlement of new GIC securities, maturity amounts, interest payments, commissions and early redemptions. These non-exchange trades are created via a batch file from a GIC service bureau (e.g. CANNEX).
- Matched Institutional Trade Interface service A service that enables participants to submit matched institutional trades to CDSX through a virtual matching utility (VMU). For more information, refer to *Trade and Settlement Procedures*.
- International services CDS provides the following international services:
 - DTC Direct Link Service
 - CAVALI Link Service
 - CDS/DTC Cross-Border Movement Service
 - Euroclear France Link Service
 - JASDEC Link Service
 - New York Link Service
 - SEB Link Service.
- SOLA Netting System service CDSX provides a gateway for participants using the Canadian Derivatives Clearing Corporation's (CDCC) fixed income netting product, SOLA. Through CDSX, SOLA users can submit, modify and confirm nonexchange repo and cash trades for netting and novation at CDCC.

To register for these services, refer to Participating in CDS Services.

Feature Detail screen



Review the feature details.

3.6.5 Viewing eligibility and restriction information

When a security is set up in CDSX, CDS establishes the security's eligibility for CDS services and applies restrictions on CDSX functionality.

To view security eligibility and restrictions:

- 1. Access the Security List screen on page 57. For more information, see <u>Viewing information on confirmed securities</u> on page 56.
- 2. Type 5 in the SEL field beside the required security and press ENTER to display the Eligibility Information screen on page 64 with information about the security eligibility in CDSX.

Eligibility Information screen

```
HBIA CDS CLEARING AND DEPOSITORY SERVICES INC. 89:87:84 89-81-89
INQUIRE ELIGIBILITY INFORMATION
ADAM
SECURITY NUMBER: CA 1358819X79 SHORT NAME: BIG BELL

ELIGIBILITY SERVICE EFFECTIVE DATE DELETE
CNS 2888-87-86
DCS 2888-87-86
DTC 2888-87-86
FNS 2883-11-19

PF: 1/HELP 3/EXIT 4/HENU 5/REFRESH 6/NEXT 9/BHSG 18/SAVE
OPTION: DATA:
TO R 24 C 18
```

3. Review the fields indicated in the table below.

Field	Description
ELIGIBILITY	Services for which the security is eligible:
SERVICE	DCS - CDSX services
	CNS - Continuous Net Settlement services
	DTC - CDS/DTC Cross-Border Movement Service
	EOC – Euroclear France Link Service
	JSS JASDEC Link Service
	SEB – SEB Link Service
	SNS – SOLA Netting System Service
EFFECTIVE DATE	Date when the service eligibility becomes effective
DELETE	Indicates if the eligibility has been deleted

4. To view the restrictions on the security, press PF6 to display the Function Restriction Information screen on page 65.

CHAPTER 4

Book-entry strips and packages

The CDS Book-Entry Strip Service enables participants to strip, reconstitute and package securities.

Note: This service is unavailable to U.S. Treasury securities. Participants who want to strip U.S. Treasury securities must use the U.S. Treasury Commercial Book Entry System. Participants electing to move already stripped U.S. Treasury securities to CDS must request that CDS make the stripped instrument eligible within CDSX. Once in CDSX, the stripped instruments will be set up as regular U.S. Treasury securities. For more information, see Requesting issues be made eligible in CDSX on page 43.

The book-entry strip and package activities are:

 Stripping securities – Participants may strip securities by splitting debt securities held in their segregated account as indicated in the table below.

Types of securities	May be split into
Bonds	Individual interest, principal or payment (interest and/or principal) components, which correspond to the individual payments involved. Each interest and/or principal payment on the underlying bond is treated as a maturity of the corresponding component
Asset-backed securities	Monthly payment and principal components

CDS supports the creation of non-standard strip components. For more information, see Requesting the stripping of a debt security on page 79.

- Packaging securities Participants may package book-entry strips by taking some or all of the remaining interest and/or principal components for a security and creating new securities with new and separate ISINs and positions. For more information, see <u>Packaging book-entry securities</u> on page 88.
- Reconstituting securities Participants may reconstitute securities by reassembling the individual interest, principal or payment components that are related to an original-issue security. For more information, see <u>Reconstituting</u> <u>securities</u> on page 82.
- Depositing physical strips—Participants may deposit coupons and residuals (stripbond components) from bonds that have been physically stripped. The stripbonds are credited to their account under the appropriate CDS book entry strip-ISIN. Once deposited, the strip bonds cannot be withdrawn before maturity. Formore information, see <u>Depositing book-entry physical strips</u> on page 93.

- 3. Complete a separate CDS Book-Entry Strip Request form (CDSX047) for each underlying security being stripped as follows:
 - Enter the face value of the security to be stripped (must be a whole number).
 - Enter the number of interest or payment components, principal components, and the total number of components.
 - Disregard the section "For equity issues only."
 - Have an authorized signing officer:
 - Sign the form, if sending the form by fax
 - Approve the email, if sending the form by email
- 4. Email or fax the form to CDS Toronto Operations by 10:00 a.m. ET (8:00 a.m. MT, 7:00 a.m. PT) for same-day processing or after 10:00 a.m. ET (8:00 a.m. MT, 7:00 a.m. PT) for next-day processing.

CDS processes a strip ledger adjustment to:

- Debit the participant's segregated account in the underlying security
- Credit the participant's segregated account in each of the strip components related to the underlying security.

4.4.1 Stripping CDSX-restricted domestic market bonds

Participants may strip issues which are normally ineligible for CDSX activities if they immediately strip the entire quantity deposited. The maximum face value of each certificate must not exceed \$40,000,000 and no more than 20 certificates per participant per day may be processed.

Securities bearing coupons must meet the following standards or they will be rejected:

- Entire serial numbers must be visible and legible on each coupon.
- All remaining coupons must be attached (except those maturing within 15 days).
- All coupons must be intact (i.e., not damaged or taped).
- Coupons maturing within 15 days must be detached.

To strip restricted domestic market bonds issued by a Canadian issuer:

1. Ensure that the certificates are fully registered (if the certificates can be registered) or registered as to principal only (if the certificates cannot be fully registered) to the following name:

CDS & CO.
P.O. Box 1038, Station A
25 The Esplanade
Terente, Ontario
M5W 1E0

- Complete three copies of the CDS Book Entry Strip Request form (CDSX047) for each issue as follows:
 - Enter the face value of the security to be stripped (must be a whole number).
 - Enter the number of principal, interest or payment components, and the total number of components.
 - Disregard the section "For equity issues only."
 - Have the form signed by an authorized signing officer.
 - Place a checkmark in the Restricted Security Attached box.
- 3. If securities must be shipped to another centre, complete a separate Inter-City-Batch Control form (CDSX184) for each destination. For more information on CDS Delivery Services, refer to CDS Delivery Services Participant Procedures.
- 4. Attach two copies of the CDS Book Entry Strip Request form to the certificates.

 Attach the Inter City Batch Control form (CDSX184) as well, if there is one.
- 5. Deliver the certificates and forms to CDS Toronto Operations by 10:00 a.m. ET (8:00 a.m. MT, 7:00 a.m. PT). CDS signs each Envelope Seal (CDSX001), verifies the certificates in the presence of the messenger, stamps or initials the form, and returns the form and Envelope Seal to the messenger.
 - If the certificates are rejected, make the necessary changes and resubmit the request.
- 6. When the ledger adjustment for the security is processed to the account, verify the credit in the usual way.

CDS processes the strip request in the usual way.

4.4.2 Stripping CDSX-restricted Eurobonds

This service is available only on days when both CDS Toronto and Euroclear are open.

To strip Eurobonds issued by a Canadian issuer that are CDSX-eligible but restricted:

1. Complete the CDS Book Entry Strip Request Foreign Market Debt Securities form (CDSX007).

- 2. Fax the form to CDS Toronto Operations by 10:00 a.m. ET (8:00 a.m. MT, 7:00 a.m. PT) on the day prior to delivery.
- Make a free overnight delivery to CDS's custodian account at Euroclear (BSDT A/C No. CDDF5940002, Euroclear No. 91770).
- When the ledger adjustment for the security is processed after the delivery is completed, verify the credit on the Daily Transaction report. For more information, refer to CDS Reporting Procedures.

CDS processes the request in the usual way.

4.4.3 Stripping CDSX restricted U.S. market bonds

This service is available only on days when both CDS Toronto and DTCC are open.

To strip CDSX eligible fully restricted U.S. market bonds issued by a Canadian issuer:

- 1. Ensure that the strip ISIN component list exists for the issue on the request.
- 2. Contact CDS Vancouver Operations in advance of the strip to advise them of the northbound cross-border movement of the CDSX-restricted underlying bond.
- Complete the CDS Book Entry Strip Request Foreign Market Debt Securities form (CDSX007). If the form is mailed to CDS Toronto Operations, create threecopies of it.
- 4. Fax or mail the completed form(s) to CDS Toronto Operations by 10:00 a.m. ET (8:00 a.m. MT, 7:00 a.m. PT).
- 5. Process a free delivery to CDS account 5099 at DTCC by 10:00 a.m. ET (8:00 a.m. MT, 7:00 a.m. PT).
- 6. Ensure that the DTCC Delivery Option screen contains the CUID and that the COMMENTS field contains FOR STRIPPING PURPOSES.
- 7. Verify that the deposit of the securities is credited to the correct account.

Note: CDS may reject deliveries if the above steps are not followed.

4.5 Reconstituting securities

Once the strip components have been created, they may be reassembled into a related original-issue underlying security. Underlying securities may be reconstituted beyond the quantity stripped by book-entry by requesting that CDS use the packaging facility to process the request.

CHAPTER 6

Deposit activities

Participants can deposit the following in CDSX:

- Funds Deposit Canadian or U.S. funds into their funds account only. For more information, see Funds deposits on page 97.
- Securities Deposit only CDSX-eligible instruments into their general, segregated or RSP account. For more information, see <u>Security deposits</u> on page 100. Aggregate Collateral Value (ACV) is subject to sector limits and increases when a security is deposited to the general account. For more information, refer to Participating in CDS Services.
- Physical strip bonds Deposit only physical strip bonds derived from bonds issued or guaranteed by a government. For more information, see <u>Depositing book-entry physical strips</u> on page 93.

Transactions entered after the deposit cutoff times are processed the next business day.

6.1 Deposit functions

Participants can process deposit requests by accessing the following functions on the Deposit Menu on page 97:

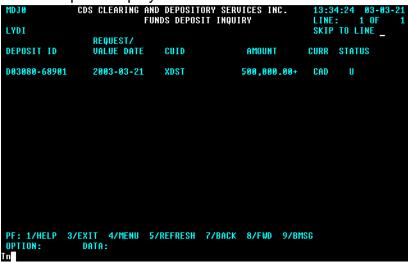
- Request Funds Deposit Enter details of a funds deposit to the participant's funds account.
- Inquire Funds Deposit View all confirmed, unconfirmed or rejected requests for funds deposits that have been made during the day.
- Request Security Deposit Request the deposit of eligible securities into CDSX.
- Inquire Security Deposit View all confirmed, unconfirmed, or rejected requests for security deposits that have been made during the day.

Participants who subscribe to the InterLink service can transmit security deposit requests to CDSX using InterLink messaging. For more information, see <u>Security deposits</u> on page 100.

Participants who subscribe to the TRAX transfer requests application can transmit deposit requests to CDSX using a web-based interface. For more information, refer to *Participating in CDS Services*.

CDS provides reports for monitoring the deposit of funds and securities in CDSX. For more information, refer to CDS Reporting Procedures.

Funds Deposit Inquiry screen



3. Review the STATUS field to determine if the request is unconfirmed (U), confirmed (C) or rejected (R).

6.4 Security deposits

Participants can enter security deposit requests in CDSX in the following ways:

- Direct online entry into CDSX
- InterLink message CDSD010 Participants who subscribe to the InterLink service
 can transmit deposit requests to CDSX using InterLink messaging. For more
 information, refer to CDS Batch and Interactive Services Technical Information.
 Participants register for this service by completing the InterLink/SWIFT Service
 - Messages Request (CDSX377).
- TRAX transfer requests Participants who subscribe to the TRAX transfer requests application can transmit deposit requests to CDSX using the TRAX webbased interface or using InterLink Message CDSK010. The service level of deposit transactions created through TRAX defaults to REG (regular) and can be changed to 24H (24-hour) or INS (instant). For more information, refer to Participating in CDS Services.

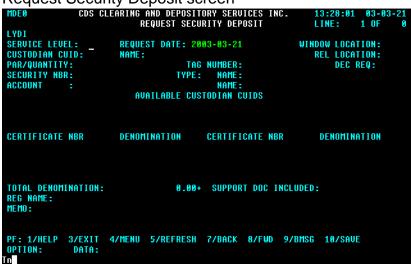
Security deposits are entered in CDSX and, if required, the certificates are then forwarded to the custodians of the issues. For some issues, transfer agents may assume the system role of custodian (i.e., validator) in CDSX.

The current cutoff times for security deposit activities appear in the Timetables-Deposits and Withdrawals bulletins. To view these bulletins, access CDS Bulletins on the CDS website (www.cds.ca).

To request a security deposit in CDSX:

- 1. Access the Deposit Menu on page 97. For more information, see <u>Accessing the Deposit Menu</u> on page 97.
- 2. Type the number identifying Request Security Deposit in the SELECTION field and press ENTER. The Request Security Deposit screen on page 101 displays.

Request Security Deposit screen



Complete the fields as indicated in the table below.

Field	Description
SERVICE LEVEL	INS – Instant deposit
	REG – Regular deposit
	24H – 24-hour deposit*
	*Note: 24H (24-hour) deposit dentry is only available through TRAX
REQUEST DATE	Date of the request (defaults to the current date)
WINDOW LOCATION	Location where the securities subject to the deposit are to be delivered. If this field is left blank, CDSX automatically populates it
CUSTODIAN CUID	CUID of the custodian or transfer agent for the securities. If the custodian CUID is not known, leave the field blank and press ENTER. CDSX provides a list of up to six custodian CUIDs. Enter the appropriate custodian CUID before saving the security deposit request
REL LOCATION	Location where the participant wants their rejected security deposits to be sent for pickup
PAR/QUANTITY	Par or quantity of the securities to be deposited
SECURITY NBR	ISIN for the security

6. When full payment is received from the paying agent, the Entitlement System debits the participant's account for funds and/or securities, and credits the participant with the entitlement. For voluntary events, the participant's tender account is debited.

When a partial payment for an event is received from one of the paying agents, all security positions for that event are removed from the participant's account. Participants are credited on a pro-rated basis with the proceeds received by CDS from the paying agent.

For an interest payment on a Spanish maple bond, the participant must ensure that their filing with the withholding agent matches their elections in CDSX in order to receive a favourable rate. If their filings with the withholding agent do not match their elections in CDSX, then the participant will receive the entire payment at the unfavourable rate. CDS will ensure that the entitlement is paid at the unfavourable rate. If the participant needs to make a subsequent claim to recover tax withheld, they must contact the withholding agent directly, whose contact information is provided on the CDSX event bulletin.

8.1 Entitlement cutoff times

The cutoff times for entitlement activities are indicated in the table below.

Entitlement activity	ET	MT	PT
Start of online access	7:00 a.m.	5:00 a.m.	4:00 a.m.
End of intraday entitlement release	2:30 p.m.	12:30 p.m.	11:30 a.m.
End of funds option selection entry (Canadian and U.S. dollars)	4:00 p.m.	2:00 p.m.	1:00 p.m.
End of security option selection entry	7:30 p.m.	5:30 p.m.	4:30 p.m.

Participants may tender securities up until system shutdown and may only tender funds until payment exchange for the currency being tendered.

For all non-default options that are handled in the bulk process and where cash must be submitted by the participant (e.g., rights subscriptions), the participant's funds account is automatically debited as indicated in the table below.

For instructions submitted and confirmed	The participant's funds account is automatically debited
Prior to the option's expiry date	On the morning of the expiry date
On the option's expiry date at 10:00 a.m.	When the instructions are confirmed

8.2 Entitlement functions

The entitlement functions available to participants are:

Event Item Information screen

```
FWE7 CDS CLEARING AND DEPOSITORY SERVICES INC. 12:18:34 03-03-21
INQUIRE EVENT ITEM INFORMATION LINE: 1 OF 1
EVENT ID : E080200377002 EVENT TYPE : DWO
SECURITY NBR : CA50186E1007 RET PR1 SECURITY (CAD)
EVENT STATUS : CONF MANDATORY/VOLUNTARY : M

OPT ITEM DEFAULT DISBURSEMENT DISBURSEMENT
NBR NBR IND SECURITY NBR SECURITY CURR SECURITY PRICE RATE

2 3 N CA50186E1007

PF: 1/HELP 3/EXIT 4/MENU 5/REFRESH 7/BACK 8/FWD 9/BMSG
OPTION: DATA:
```

- 6. To withdraw some or all instructions, type the quantity to be withdrawn in the REQUESTED QTY/WITHDRAWN QTY field beside the required instruction.
- 7. Press ENTER to validate and press PF10 to save the instructions.
- 8. On the next business day, review the Unconfirmed Withdrawal of Tender Report—Participant to determine if the depositary agent has confirmed the option selection instructions that were withdrawn. For more information, refer to CDS Reporting Procedures.

8.5 Event calendar

The Event Calendar function enables participants to view or generate a report on entitlement events (confirmed and unconfirmed only) where they hold a current position, record date position or adjusted record date position. For more information, refer to the CDS Reporting Procedures.

To view or report on the event calendar:

- 1. Access the Event Menu on page 131. For more information, see <u>Accessing the Event Menu</u> on page 130.
- Type the number identifying Event Calender in the SELECTION field and press ENTER. The Event Calendar Search/Report Selection screen on page 163 displays.

Report category	Report name	Report ID
International	ACT Billing report	000357
reports	CDS Trading Blotter – Dropped Trade report	000267
	CDS Trading Blotter – Unmatched Trade report	000933
	CNS Accounting Summary report for DTCC	003409
	CNS Cash Reconciliation Statement report	003401, 003408
	CNS Consolidated Trade Summary report	004279
	CNS Daytime Miscellaneous Activity report	003426
	CNS Dividend Activity report	003405
	CNS Due Bill Activity report	003411
	CNS Miscellaneous Activity report	003402
	CNS Position Report Prior to Day Cycle	003414
	CNS Position Report Prior to Night Cycle	003413
	CNS Projection report	003406
	CNS Receive/Deliver Instruction report	000198
	CNS Record Date report	003403
	CNS Settlement Activity Statement report	003404, 003407
	Credit Summary Listing report	003420, 003423
	Deliver and Receive Settlement Activity report	003430
	Deliveries Received and Debited (DSS) report	003419, 003422
	Deliveries Received and Debited (IESS) report	003416
	Dividend Reorganization Cash Settlement Items report	003432
	Domestic Index Receipt report	003429
	International Delivery report	000142
	International Ledger Reconciliation Report for DTCC Actual Balances	000778
	Locked-In Trade Exception report	001890
	NASDAQ/FINRA – ACT Compliance report	00359
	Participant Daily Activity Statement report	003428
	Participant Settlement Super Statement – DTC/NSCC report	003440
	Supplemental Consolidated Trade Summary report (Cycles 1 and 2)	003424

10.4 CNS Cash Summary Report – Post CNS/BNS

000010
7:00 a.m. ET (5:00 a.m. MT, 4:00 a.m. PT) daily
Beginning of day
35 days
COMPANY, LEDGER (page breaks)
LEDGER, CLEARING ORGANIZATION, CURRENCY, ACTIVITY
COMPANY, LEDGER, CLEARING ORGANIZATION, CURRENCY
CNS OUTSTANDINGS AT CLOSE OF BUSINESS (by VALUE-DATED POSITIONS EXTRACTED, MARKS APPLIED TO TRADES, MARKS APPLIED TO NET OUTSTANDING POSITIONS, ALLOTTED NET OUTSTANDING POSITIONS, CNS/BNS SETTLEMENTS) CNS OUTSTANDINGS - POST CNS/BNS

This report summarizes the changes to the cash value of outstanding CNS positions from end-of-day to after the CNS/BNS process.

10.5 CNS Mark Difference Details report

Report ID	000229
Available	7:00 a.m. ET (5:00 a.m. MT, 4:00 a.m. PT) daily
Data currency	Beginning of day
Retention period	Six months
Sort order	COMPANY, LEDGER, CURRENCY (page breaks)
	VALUE DATE, COMPANY, LEDGER, CURRENCY, CLEARING ORGANIZATION, TRADE ID
Aggregation	COMPANY, LEDGER, CURRENCY, CLEARING ORGANIZATION
	TOTAL MARK DIFFERENCE ON EXTRACTED TRADES (by COMPANY, LEDGER, CURRENCY, CLEARING ORGANIZATION)
	TOTAL MARK DIFFERENCE ON NETTED OUTSTANDING POSITIONS (by COMPANY, LEDGER, CURRENCY, CLEARING ORGANIZATION)
	TOTAL MARK DIFFERENCE ON NETTED VALUE-DATED POSITIONS (by COMPANY, LEDGER, CURRENCY, CLEARING ORGANIZATION)
	OVERALL MARK DIFFERENCE (by COMPANY, LEDGER, CURRENCY)

This report lists marking activity for CNS. It includes the marking of new trades as well as outstanding and value-dated positions.

This report is generated in the overnight batch-and again after the CNS/BNS process. It is also generated if outstanding and value-dated CNS positions are marked intraday.

Sort order	COMPANY, LEDGER, CURRENCY, CLEARING ORGANIZATION ID, NET MARK AMOUNT
Aggregation	AMOUNT (by currency)

This report lists all the interest mark amounts, by security, that were calculated based on the CNS quantities that failed to settle that day.

10.9 Outstanding CNS Position Update report

Report ID	000227
Available	7:00 a.m. ET (5:00 a.m. MT, 4:00 a.m. PT) daily
Data currency	Beginning of day
Retention period	35 days
Sort order	COMPANY, LEDGER, CLEARING ORGANIZATION, CURRENCY, SECURITY ID, TIMESTAMP
Aggregation	COMPANY, LEDGER, CLEARING ORGANIZATION, CURRENCY
	CHANGE IN VALUE - NETTED POSITIONS (by COMPANY, LEDGER, CLEARING ORGANIZATION, CURRENCY)
	CHANGE IN VALUE - SETTLED POSITIONS (by COMPANY, LEDGER, CLEARING ORGANIZATION, CURRENCY)
	TOTAL CHANGE IN VALUE - NETTED POSITIONS (by COMPANY, LEDGER, CURRENCY)
	TOTAL CHANGE IN VALUE - SETTLED POSITIONS (by COMPANY, LEDGER, CURRENCY)

This report lists changes to outstanding CNS positions. The report is generated in the overnight batch—and again after the CNS/BNS process. The following activity codes are reported:

- AL allotment
- BI buy-in washout
- EN entitlement
- NT netting
- PM participant merge
- ST settlement (BNS and real-time)

10.10 Value-dated CNS Position Update report

Report ID	000394
Available	7:00 a.m. ET (5:00 a.m. MT, 4:00 a.m. PT) daily
Data currency	Beginning of day

Retention period	35 days
Sort order	COMPANY, LEDGER, CLEARING ORGANIZATION, CURRENCY, SECURITY ID, TIMESTAMP
Aggregation	COMPANY, LEDGER, CLEARING ORGANIZATION, CURRENCY
	CHANGE IN VALUE - NETTED POSITIONS (by COMPANY, LEDGER, CLEARING ORGANIZATION, CURRENCY)
	TOTAL CHANGE IN VALUE - NETTED POSITIONS (by COMPANY, LEDGER, CURRENCY)

This report lists changes to value-dated CNS positions. The report is generated in the overnight batch and again after the CNS/BNS process. The following activity codes are reported:

- AL allotment
- EN entitlement
- MV movement of a value-dated CNS position that reached value date
- NT netting
- PM participant merge

CHAPTER 13

Entitlement reports

The entitlement reports contain information on the entitlement events that occur for securities, including maturity and interest events.

The table below indicates the entitlement reports and report IDs.

Report	Report ID
1042-S Reporting – Detail report	000234, 000091
Called Positions report	000209
CDS Expiry Date – Upcoming Events List report	REPORT01930
Claims for Outstanding Trades and CNS Positions report	000238
Claims for Settled Trades and Outstanding CNS Positions report	000369
Daily Tender – Payment Tracking Report	000106
Due Bill Calculation report	000239
Dutch Auction Tender report	000105
Event Calendar report	000086
Event Inquiry report	000085
Holders of Record for Events report	000205
Holders of Record for Extendible Commercial Paper report	000123
Overnight Payment Release report	000217
Projected Payment Rejection Report – Transfer Agent	000367
Projected Payment Report for Participants	000201
Projected Payment Report for Paying Agents	000203
Rejected Option Selection Instruction Report – Depositary Agent	000250
Rejected Option Selection Instruction Report – Participant	000251
Rights Distribution Eligibility Report – Depositary Agent	000252
Rights Distribution Eligibility Report – Participant	000253
Security Loan Items – Entitlement Details report	000171
Security Loan Items – Upcoming Entitlements report	000172
Subscription Breakdown Report – Depositary Agent	000254
Subscription Breakdown Report – Participant	000255
Summary of Consolidated Payment report	001912
Summary of Payment Release report	000219
Summary of Projected Payment Report for Participants	001910
Summary of Projected Payment Report for Paying Agents	001911
Tender Breakdown Report – Depositary Agent	000213
Tender Breakdown Report – Participant	000282

Report	Report ID
Trade Conversion Report – BOD	000268
Trade Conversion Report – EOD	000222
Unconfirmed Withdrawal of Tender Report Depositary Agent	000256
Unconfirmed Withdrawal of Tender Report Participant	000257
Unreleased and Pending Entitlement Payments report – Transfer Agent	000535
U.S. Source Income Events Payment Breakdown report	000555, 002259
U.S. Withholding Tax Pool Allocation report	002367

13.1 1042-S Reporting – Detail report

Report ID	000234 (company level)
	000091 (ledger level)
Available	Monthly
Data currency	End of day
Retention period	Seven years
Sort order	None
Aggregation	None

This report is generated at the ledger level and lists U.S. withholding tax records for Canadian participants. The report lists the taxes withheld on their behalf for the year (based on their QI status and tax elections), the details of the taxes withheld, the status of the tax instructions and 1042-S income reported.

13.2 Called Positions report

Report ID	000209
Available	Daily
Data currency	End of day
Retention period	Seven years
Sort order	LEDGER, EVENT TYPE, SECURITY NUMBER
Aggregation	None

This report lists the record date position and the number of securities called for a partial call event for a particular participant.

Sort order	EVENT TYPE, EVENT ID, ROLE, TRADE GROUP, OTHER PARTY DETAILS
Aggregation	None

This report lists information on the processing of outstanding trades and outstanding and value-dated CNS positions for mandatory events.

If the event is set up and confirmed prior to payable date with the payment mode of overnight or intraday, the trade conversion information is contained in the Trade Conversion Report – BOD on the morning of payable date. If the event is created on payable date and payment is released or disbursed on payable date, the trade conversion information is contained in the end-of-day report on the morning of payable date+1. If an event with a status of Submitted for Payment was deleted, the reversed trades are contained in the end-of-day report.

13.33 Unconfirmed Withdrawal of Tender Report - Depositary Agent

Report ID	000256
Available	Daily
Data currency	End of day
Retention period	Seven years
Sort order	DEPOSITARY AGENT, EVENT TYPE, ISIN, OPTION NUMBER
Aggregation	UNCONFIRMED WITHDRAWALS (by option)
	OPTIONS (by event)

This report lists the option selection instructions for which a tender withdrawal requestwas entered by a CDS participant but not yet confirmed by the depositary agent.

13.34 Unconfirmed Withdrawal of Tender Report Participant

Report ID	000257
Available	Daily
Data currency	End of day
Retention period	Seven years
Sort order	COMPANY CODE, LEDGER, DEPOSITARY AGENT, EVENT TYPE, ISIN, OPTION NUMBER
Aggregation	UNCONFIRMED WITHDRAWALS (by option)
	OPTIONS (by event)

This report lists the option selection instructions for which a tender withdrawal requestwas entered by a CDS participant but not yet confirmed by the depositary agent.

CHAPTER 16

International reports

The international reports include details of transactions related to the following international services:

- DTC Direct Link Service
- New York Link Service.

For more information about these services, refer to the appropriate international manual.

The table below indicates the international reports and report IDs.

Report	Report ID
ACT Billing report	000357
CDS Trading Blotter – Dropped Trade report	000267
CDS Trading Blotter – Unmatched Trade report	000933
CNS Accounting Summary report for DTCC	003409
CNS Cash Reconciliation Statement report	003401, 003408
CNS Consolidated Trade Summary report	004279
CNS Daytime Miscellaneous Activity report	003426
CNS Dividend Activity report	003405
CNS Due Bill Activity report	003411
CNS Miscellaneous Activity report	003402
CNS Position Report Prior to Day Cycle	003414
CNS Position Report Prior to Night Cycle	003413
CNS Projection report	003406
CNS Receive/Deliver Instruction report	000198
CNS Record Date report	003403
CNS Settlement Activity Statement report	003404, 003407
Credit Summary Listing report	003420, 003423
Deliver and Receive Settlement Activity report	003430
Deliveries Received and Debited (DSS) report	003419, 003422
Deliveries Received and Debited (IESS) report	003416
Dividend Reorganization Cash Settlement Items report	003432
Domestic Index Receipt report	003429
International Delivery report	000142
International Ledger Reconciliation Report for DTCC Actual Balances	000778
Locked-In Trade Exception report	001890

Report	Report ID
NASDAQ/FINRA – ACT Compliance report	00359
Participant Daily Activity Statement report	003428
Participant Settlement Super Statement – DTC/NSCC report	003440
Supplemental Consolidated Trade Summary report (Cycles 1 and 2)	003424

16.1 ACT Billing report

Source	CDS
Report ID	00357
Available	Monthly
Data currency	Month end (end of day)
Retention period	Seven years
Sort order	MPID
Aggregation	None

This report provides a breakdown of billable items for each MPID for a particular billing period.

16.2 CDS Trading Blotter – Dropped Trade report

Source	CDS
Report ID	000267
Available	Daily
Data currency	Yesterday
Retention period	Seven years
Sort order	SECURITY NBR
Aggregation	None

This report lists any unmatched trades that are past their value date and were dropped from the CDS Trading Blotter – Unmatched Trade report.

16.3 CDS Trading Blotter – Unmatched Trade report

Source	CDS
Report ID	000933
Available	Daily
Data currency	Yesterday
Retention period	Seven years

16.5 CNS Cash Reconciliation Statement report

Source	DTCC
Report ID	003401 (preliminary)
	003408 (final)
Available	11:00 p.m. ET (9:00 p.m. MT, 8:00 p.m. PT) for the preliminary report
	3:00 p.m. ET (1:00 p.m. MT, 12:00 p.m. PT) for the final report
Data currency	Trade date+2
Retention period	Seven years
Sort order	MONEY RECAP, MARKET VALUE RECAP, SETTLEMENT RECONCILIATION
Aggregation	DEBIT and CREDIT totals for MONEY RECAP
	LMV (long market value) and SMV (short market value) totals for MARKET VALUE

The report is divided into the following sections:

- Money Recap Details yesterday's closing money balances, the value of all trades due for settlement today, any miscellaneous money entries and any cash dividends payable today. The entries are netted to produce a closing money balance for settlement today.
- Market Value Recap Reflects the net market value of all night cycle activity and all "open" positions before the day's cycle settlement activity takes place.
- Settlement Reconciliation Nets the money balance with the participant's open positions to calculate its current money settlement (line 18) before daytime activity occurs.

Line 18 of the preliminary report indicates the current money settlement value before daytime settlement and is one component of the cash settlement worksheet. The final report assists the participant in reconciling the CNS money settlement from the previous business day. It includes the intraday activity not available on the preliminary statement.

The recycle activity is posted to lines 19 and 20 to compute the final CNS money settlement. The recycle activity is detailed in the CNS Settlement Activity Statement report.

16.6 CNS Consolidated Trade Summary report

Source	DTCC
Report ID	004279
Available	Daily
Data currency	Trade date+1

Retention period	Seven years
Sort order	SECURITY NUMBER
Aggregation	CLEARED GRAND TOTAL, CLEARED NET POSITIONS

This report provides the following:

- A summary by security issue of all compared trades due to settle the following business day
- The contra broker (special representative), price and contract amount for each trade
- Net buys and sells by issue
- The net of all trades to one net dollar figure. The net contract amount is reported on the preliminary CNS Cash Reconciliation Statement report on trade date+2
- Non-CNS balance order trades
- All CDS-designated transactions from all sources.

16.7 CNS Daytime Miscellaneous Activity report

Source	DTCC
Report ID	003426
Available	4:00 p.m. ET (2:00 p.m. MT, 1:00 p.m. PT)
Data currency	Current day
Retention period	Seven years
Sort order	ISIN
Aggregation	TOTAL RECEIVED, TOTAL DELIVERED ISIN

This report includes reorganizations, stock borrows and any other miscellaneous activities received in CNS after the start of day cycle.

16.8 CNS Dividend Activity report

Source	DTCC
Report ID	003405
Available	Daily
Data currency	Yesterday
Retention period	Seven years
Sort order	SECURITY NUMBER
Aggregation	None

In addition, this report lists a monthly position statement showing the status of all securities positions, including those where no activity occurred during the month. Participants must confirm the accuracy of the monthly position statement in writing within 10 business days after the statement is available.

16.28 Participant Settlement Super Statement – DTC/NSCC report

Source	DTCC
Report ID	003440
Available	Daily
Data currency	Yesterday
Retention period	Seven years
Sort order	SUMMARY BALANCES, ACTIVITY BALANCES
Aggregation	DTC TOTALS, NSCC TOTALS, NET BALANCE, ACTIVITY BALANCE, POST ACTIVITY, FUNDS TRANSFER, SUSPENSES, ADJUSTMENTS, SPONSORED ADJ, BALANCE, SUB TOTALS, GRAND TOTALS

This report lists daily activities and the amounts to be paid or received by the participant during payment exchange.

16.29 Supplemental Consolidated Trade Summary report (Cycles 1 and 2)

Source	DTCC
Report ID	003424
Available	Cycle 1—2:00 a.m. ET (12:00 a.m. MT, 11:00 p.m. PT)
	Cycle 2—1:00 p.m. ET (11:00 a.m. MT, 10:00 a.m. PT)
Data currency	Yesterday (Cycle 1)
	Current day (Cycle 2)
Retention period	Seven years
Sort order	CUSIP
Aggregation	BOND TOTALS, NET BONDS, STOCK TOTALS, NET STOCKS, TOTALS TRADE, NET TRADES, CLEARED GRAND TOTALS and CLEARED NET-POSITIONS

The Cycle 1 report contains T+1 and older trades received between 9:00 p.m. and 12:00 a.m. ET (7:00 p.m. and 10:00 p.m. MT, 6:00 p.m. and 9:00 p.m. PT) on settlement day.

The Cycle 2 report contains T+2 and older trades received between 12:00 a.m. and 12:00 p.m. ET (10:00 p.m. and 10:00 a.m. MT, and 9:00 p.m. and 9:00 a.m. PT) on settlement day.

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CHAPTER 1

Introduction to CDS

CDS Clearing and Depository Services Inc. (CDS) is the designated central clearing corporation for all eligible debt and equity securities in Canada. CDS provides a variety of automated services for financial institutions active in Canada and international capital markets. This manual is designed to assist participants in the following tasks:

- Familiarizing themselves with CDS
- Setting up their companies with CDS
- Setting up their users with access to CDS's online systems
- Accessing and using CDSX and its related functions
- Inquiring on their customer profiles
- Managing their financial risk.

1.1 Administrating access to CDS's systems and services

CDS is responsible for setting up initial access to online systems and services. Once this initial setup is complete, CDS participants are responsible for the following:

- Connecting and logging on to CDS's online systems. For more information, see <u>Using CDS systems</u> on page 20.
- Designating customer security administrators and service access administrators to set up and manage their users. For more information, see <u>Administrating online</u> <u>access</u> on page 46.
- Arranging for access to CDS premises, which requires authorized signing officers, and messenger ID passes, lock boxes and keys. For more information, see Setting up access to CDS premises on page 82.
- Registering for the CDS services that support their activities at CDS. For more information, see Registering and withdrawing from CDS services on page 86.

1.2 Participant roles and responsibilities

A participant's role determines whether they have access to specific CDS services or CDSX functions.

Refer to the *Participant Rules* for more information on participants' roles, qualifications, obligations, representations and warranties in terms of the activities or functions performed in CDSX.

CHAPTER 6

Setting up access to CDS premises

When setting up initial access to CDS services and premises, participants must arrange to have:

- Authorized signing officers on page 82
- Messenger ID passes on page 83
- <u>Lock boxes and keys</u> on page 84.

6.1 Authorized signing officers

Participants must file a written authorization with CDS with the names and specimen signatures of the individuals who are authorized to act on their behalf for CDS services. Any two authorized signing officers may notify CDS of the appointment of another individual as an authorized signing officer. Each appointment remains in effect until CDS receives a written notice revoking the signing officer's appointment.

An authorized signing officer may at any time file a written authorization with CDS of the names and signatures of individuals who may act on behalf of the participant (e.g., messengers).

To authorize an individual as an authorized signing officer:

- 1. Prepare the following documents on company letterhead:
 - A list indicating the names of the individuals being authorized, the name of the participant and the participant CUID.
 - Include a specimen signature for each individual on the list.
 - A cover letter to be signed by two authorized signing officers of the participant, requesting any additions, changes or deletions.
- 2. Notify the CDS regional managers by sending each of them a copy of the list. The initial list of authorized signing officers for a participant is attached as Schedule B of the *Participant Rules*.

To revoke the authorization of a signing officer:

- 1. Prepare a notice of revocation on participant letterhead.
- 2. Deliver the notice to CDS's Head Office, Depository Services, Toronto.

6.2.2 Revoking or terminating a messenger ID pass

To revoke an employee's authorization, cut off the signature portion of the messenger ID pass and return the card to the CDS Security Station, accompanied by a letter of authorization on company letterhead.

CDS considers all messenger ID passes valid until otherwise notified.

6.2.3 Notifying CDS about a lost messenger ID pass

If a messenger ID pass is lost, present a letter of authorization on company letterhead signed by an authorized signing officer. The letter must include the following:

- Today's date
- The participant CUID
- The messenger name
- The messenger's sample signature.

Upon receipt of the letter of authorization, CDS Clearing Operations will:

- 1. Compare the authorized signature with that in the Schedule B signature database and place their initials next to the authorized signature to indicate its authenticity.
- 2. Make three photocopies of the letter and distribute them to Banking, Transfer Operations and the messenger.

The original copy is placed near the window in full view of all Clearing Operations personnel.

The letter of authorization is valid only for the days it is issued.

6.3 Lock boxes and keys

Participants wishing to make deliveries of securities-related correspondence to other participants may do so by locating the proper lock box for the receiving participant (identified by CUID) and inserting the material to be delivered in the delivery "slot" in the box.

At no time are securities or other valuables to be placed in any lock box.

Extreme care must be used to ensure that the material is placed in the properreceiver's box.

Picking up lock box contents

Receiver's messengers holding keys may pick up their lock box contents at any time throughout the business day.

Receivers should ensure that they have not received anything addressed to another participant. If they have, receivers must re-deliver the material to the proper receiver's lock box.

Lost key replacement

If keys are lost, or are in the possession of a terminated employee, the participant should immediately notify the CDS Clearing Operations manager by telephone to discuss the actions required (i.e., supply of additional keys or lock replacement).

Note: Participants who subscribe to the Entitlements Messaging Service are billed directly by SWIFT. This requires participants to complete the appropriate SWIFT forms. Contact Customer Service to coordinate the completion of the forms.

7.14 Euroclear France Link Service

The Euroclear France Link Service is a unilateral custody link established by CDS with Euroclear France to facilitate book-based movements of French securities (eligible for the Euroclear France Link Service) between the two depositories.

To register or withdraw from the service, participants must complete the CDS Online Services Support – Service Eligibility Details Ledger Functions form (CDSX798).

For more information, refer to *International Services Procedures*.

7.15 File Transmission Service

The File Transmission Service provides end-of-day and beginning-of-day CDSX transaction details, security and entitlement information for domestic and international activities. For more information on the file services available, refer to CDS Batch and Interactive Services – Technical Information.

Participants register for this service by completing the Data Transmission Request form (CDSX218).

7.16 InterLink

InterLink is a service that provides CDSX participants who have MQ series (an IBM messaging product) with an alternative to the 3270 terminal. For more information on InterLink messaging, refer to CDS Batch and Interactive Services – Technical Information.

Participants register for this service by completing the following forms:

- InterLink Service Message Request (Participant) (CDSX377)
- InterLink Service Message Request (Custodian) (CDSX757).

7.17 JASDEC Link Service

The JASDEC Link Service is a unilateral custody link established by CDS with the Japan Securities Depository Center, Inc. (JASDEC) to facilitate book-based movements of Canadian securities (eligible for the JASDEC Link Service) between the two depositories.

To register or withdraw from the service, participants must complete the CDS Online Services Support—Service Eligibility Details Ledger Functions form (CDSX798).

For more information, refer to International Services Procedures.

7.18 Limited Functionality Depository Ledger Service

Participants who require the use of a depository ledger for segregation can have limited access to CDSX. Each participant:

- Must have a separate CUID and ledger account for securities (a line of credit cannot be assigned to this separate CUID and ledger)
- Can make no more than an average of five deliveries per business day to or from the account during any month
- Must have submitted a completed Schedule C and paid the limited functionality entrance fee
- Will be charged for the services which they use in accordance with CDS's standard fee schedule
- May deposit and withdraw securities.

Deliveries of securities to participants using this service must be free deliveries made after payment exchange.

For more details about the Limited Functionality Depository Ledger Service, contact CDS Customer Service.

7.19 Matched Institutional Trade Interface service

The Matched Institutional Trade Interface service enables the matching of institutional trades by a virtual matching utility (VMU) and submission to CDS for settlement. Acceptable trades are created in CDSX as confirmed non-exchange trades.

Participants register for this service by completing the following forms:

- Matched Institutional Trade Interface Service Appointment and Authorization of VMU form (CDSX808)
- Service Eligibility Unit form (CDSX799).

For more information, refer to *Trade and Settlement Procedures*.

7.20 Money market and other securities eligibility

To ensure the appropriate functionality is made available, participants who process money market and other securities must complete the Application to Act as ISIN Activator, Security Validator or Custodian (CDSX854).

- 2. If the pledge has a DK status, the participant submitting the pledge must change the details and the participant accepting the pledge must confirm the change.
- 3. When both parties are satisfied with the pledge details, they arrange for an exchange of funds (if any) against the pledge.
- 4. The participant accepting the pledge confirms the renewed pledge online.

Once confirmed, the pledge settles if sufficient security positions exist.

4.8 Requesting partial settlement

When modifying an existing pledge or correcting a DK'd pledge, the participant submitting the request must release a holding cheque either partially or in full against the receipt of new securities and/or cash.

Note: The amount of funds to be partially released by the lender in a partial settlement is equal to the ACV value of the securities received in the partial settlement.

Eligibility criteria

The system processes the request for partial settlement only if the following criteria are met:

- The pledge is confirmed, with a value date of the current day
- The pledge modification consists of the release of a holding cheque (partial or full amount) against the increase of two to ten security items
- There are no other funds changes, e.g., an interest charge, a transfer amount or an increase in a holding cheque
- The lender's account type for settlement of all items is the unrestricted collateral account or the restricted collateral account
- The partial settlement indicator is set to Y, for Yes. A partial pledge settlement can be made only before payment exchange because holding cheque items cannot be entered after payment exchange
- The holding cheques are in Canadian currency.

If the above criteria are not met, the system processes the settlement in the normal manner by releasing the funds only if all the securities being substituted are present in the borrower's ledger.

The pledge modification settles only when all the securities being substituted have been delivered to the borrower.

CDSX runs separate payment exchanges for Canadian and U.S. dollar activities. Both payment exchanges are expected to start at 4:00 p.m. ET (2:00 p.m. MT, 1:00 p.m. PT). However, for various reasons, the start and end of the payment exchanges may be altered for one or both currencies.

1.5 Trade Matching service

The Trade Matching service provides an alternative method of confirming non-exchange trades where the trade type is DP (direct participant) and both parties to the trade are eligible for trade matching. The acceptor is not required to wait for the submitter to enter trade details as both parties can submit the same trade details in CDSX. The service matches the trades, deletes the original trades and replaces them with a new confirmed trade. Participants need only manage exceptions (i.e., unconfirmed trades). A lock in process ensures that all trades are confirmed within one business day of entry.

For more information, see <u>Trade matching</u> on page 45.

1.6 Matched Institutional Trade Interface service

The Matched Institutional Trade Interface service enables institutional trades to be matched by a virtual matching utility (VMU) and then submitted to CDS. Acceptable trades are then created in CDSX as confirmed non-exchange trades.

For more information, see <u>Matched Institutional Trade Interface</u> on page 57.

1.7 CDS/DTC Cross-Border Movement Service

A cross-border movement is a book-entry transaction between CDS and The Depository Trust Company (DTC). This service is used by CDS participants to move security positions between CDS and DTC.

For more information, refer to CDS/DTC Cross-Border Movement Service Participant Procedures.

1.8 International deliveries

The International Message Hub (IMHub) manages the processing of international deliveries for the following services:

- Euroclear France Link
- JASDEC Link
- SEB Link.

For more information, refer to International Services Procedures.

Application for Participation: Schedule C Selection of Services

	Initial Filing		Update Filing	
To: CDS CLEARING AND	DEPOSITORY SEF	RVICE	ESLIMITED	
From:				
Name of Applicant (Participan	it)			
We apply to use the follow	ring Services offered	by CD	DS:	
Settlement Services:			_	
CDSX			DTC Direct Link Service	
New York Link Service			CNS	
Reporting Services:				
ACT			Strip Bond Report Service	
ATON (includes use of ATO	ON within CDSX)		Trade Matching*	
Information Services:				
Bulletins			Entitlements Messaging	
CDSX Entitlements Data	Feed		CDSX Security Master File (SMF)	
Other Services:		\searrow	Delete reference to Lock Box	
Delivery Services			Leck Bex	
SOLA			Onsite Contingency Service	
InterLink			Cross-border Service (not a member of the NYL/DDL Service	s)
CANNEX				
*Mandatory for all IIROC members. No	n-IIROC members also must	comple	elete form CDSX800.	
Name of Applicant (Participant)		-		
Signature of Signing Officer		-		
Name and Title of Signing Officer				
Date	CDSX789 (09/09)	-		

Application for Participation: Appendix B Example of Bank Reference Letter

(To be prepared on the letterhead of the Financial Institution)

Date

CDS Clearing and Depository Services Inc.

85 Richmond Street West
Toronto, Ontario

M5H 2C9

CDS Clearing and Depository Services Inc.

100 Adelaide Street West
Toronto, Ontario

M5H 1S3

Attention: Corporate Secretary

Dear Sirs:

Subject: (Name of Applicant applying for Participation in CDS)

We are pleased to provide this letter of reference in unqualified support of (Name of Applicant applying for Participation in CDS) application for approval as a participant in the clearing and depository services of CDS Clearing and Depository Services Inc. This will confirm that (Name of Applicant applying for Participation in CDS) has maintained current accounts in good standing at (Name of Financial Institution) since (Date).

Should you have any further questions, please do not hesitate to contact me at (Telephone Number).

Yours very truly,

Name of Financial Institution Representative Title Telephone Number Facsimile Number E-mail Address

CDSX792 (10/06)

Application for Participation: Appendix C Example of Self-Regulatory Organization (SRO) Reference Letter

(To be prepared on the letterhead of the Self-Regulatory Organization, if applicable)

Date

CDS Clearing and Depository Services Inc.

85 Richmond Street West 100 Adelaide Street West

Toronto, Ontario Toronto, Ontario

M5H 2C9 M5H 1S3

Attention: Corporate Secretary

Dear Sirs:

Subject: Certificate of Good Standing

This letter will confirm that (*Name of Applicant applying for Participation in CDS*) ("the Applicant") is a member of good standing has satisfied the following requirements of the (*Name of Self-Regulatory* Organization) ("the audit jurisdiction SRO"):

- 1. The Applicant has in force a Financial Institution Bond satisfactory to the audit jurisdiction SRO;
- 2. The Applicant is duly registered and in good standing with the audit jurisdiction SRO; and
- 3. To the best knowledge and belief of the senior executive officer responsible for member financial regulation at the audit jurisdiction SRO, the Applicant is in compliance with all applicable requirements.

If you have any further questions, please do not hesitate to contact me at (*Telephone Number*).

Yours very truly,

Name of SRO Representative Title Telephone Number Facsimile Number E-mail Address

CDSX793 (10/06)

Application for Participation: Appendix D Example of Canadian Payments Association Reference Letter

(To be prepared on the letterhead of the Canadian Payments Association, if applicable)

Date

CDS Clearing and Depository Services Inc.

85 Richmond Street West 100 Adelaide Street West

Toronto, Ontario Toronto, Ontario

M5H 2C9 M5H 1S3

Attention: Corporate Secretary

Dear Sirs:

Subject: (Name of Applicant Applying for Participation in CDS)

This letter will certify that (Name of Applicant applying for Participation in CDS) is a direct clearer and Large Value Transfer Service user.

If you have any further questions, please do not hesitate to contact me at (*Telephone Number*).

Yours very truly,

Name of Canadian Payments Association Representative Title Telephone Number Facsimile Number E-mail Address

CDSX794 (10/06)

Application for Participation: Appendix E Appointment and Authorization of Service Bureau

To: CDS CLEARING AND DEPOSITORY SERVICES INC. ("CDS")

			(the "Service Bureau")
Service Bureau Co	ntact Person	Pho	one Number
			ted through the Services for CDS, as the term "Services" ervice Rules of CDS (the "CDS Rules").
authorization or ins Bureau which are Until and unless t	truction for Participant's acti- identified by the Participant' his Appointment and Auth submitted through the Servic	vities in the Servis Authentication I orization is ame	except and rely upon every communication, transaction, rvices ("Communications") submitted through the Service a Mechanism (as such term is defined in the CDS Rules). ended or terminated, CDS may accept and rely upon a same manner as if such Communications came directly
The Participant furt writing by Particip		CDS to provide to cipant, confirmat	to the Service Bureau, rather than, or (only if requested in ations, advises, reports and other documents and
affects the rights of Authorization shall delivered, sent by re 85 Richmond St. A CDS giving written last known addres	or obligations of the Particip remain in full force and eff egular pre-paid first class ma West, Toronto, Ontario MSI notice delivered, sent by re	pant and CDS a fect until amende ail or faxed to CDS 1-2C9, Attention: gular pre-paid firs ording to CDS' re	ded herein, nothing in this Appointment and Authorization as set forth in the CDS Rules. This Appointment and ded or terminated by the Participant giving written notice DS at 100 Adelaide St. West, Toronto, Ontario M5H 1Sn: Chief Legal Officer, fax number (416) 365-1984, or by st class mail or faxed to the Participant at the Participant's ecords. The effective time for notice shall be as prescribed
Dated this	day of	,20	
Name of Participar	nt or Applicant for Participatio	on	
Per: Name and T	itle of Authorized Signing Of	ficer	
Per:	itle of Authorized Signing Of	Foor	CDS795 (03/06)

Application for Participation: Appendix H Form of Legal Opinion (Foreign Institution wishing to Participate in CDSX)

[Date]

[Name, address and firm of Attorney providing the opinion]

CDS Clearing and Depository Services Inc.

85 Richmond Street West
Toronto, Ontario M5H 2C9

100 Adelaide Street West
Toronto, Ontario M5H 1S3

Attention: Chief Legal Officer

Bank of Canada 234 Wellington Street Ottawa, Ontario K1A 0G9

Attention: Assistant General Counsel

Dear Sir:

Re: Opinion Relating to Participation of (the "Applicant") in the CDSX

In this opinion, the following terms have the meanings set out below:

- "Canadian Branch" means the Canadian branch or branches to be established by the Applicant; [delete if not applicable]
- "Clearing House" means an entity, other than the Bank of Canada or a stock exchange, which provides
 clearing or settlement services for a Canadian clearing and settlement system, whether or not such entity is
 a Central Counter-Party;
- "CDS" means CDS Clearing and Depository Services Inc., being the Clearing House for the CDSX;
- "CDSX" means the domestic clearing, settlement and depository services of CDS, being a designated clearing and settlement system within the meaning of the Payment Clearing and Settlement Act (Canada);
- "CDSX Participant" means a Participant in the CDSX, as determined in accordance with the Participant Agreement and Rules;
- "Incorporating Jurisdiction" means the jurisdiction named in paragraph 1 below, under the laws of which the Applicant is incorporated or otherwise established;

Application for Participation: Appendix L Matched Institutional Trade Interface Service — Appointment and Authorization of Virtual Matching Utility (VMU)

To: CDS CLEARING AND DEPOSITORY SERVICES INC. ("CDS")

a Participant of CDS (the	e "Participant") hereby app	oints:		
			(the	e "VMU ")
VMU Contact Person	Phone N	lumber	Email Address	S
to report matched trades to defined in the Participant Rule	o CDS on behalf of the Participar s of CDS (the "CDS Rules").	nt for Settlement thro	ough the Services of	CDS, as those terms are
matched trade to be settled b	izes and directs CDS to accept a y the Participant through the Sei and Authorization is terminated in	rvices ("Instructions") which is submitted	to CDS by the VMU until
confirmations, advises and re	izes and directs CDS to provide to prote relating to the status of maddress: 100 Adelaide Street	tched trades reporte	d by the VMU on beh	
The Participant acknowledges affects the rights or obligation shall remain in full force and notice delivered, sent by regular Attention: Chief Legal Officer delivered, sent by regular preperson according to CDS' reamended from time to time. on: (i) the second business da	s that, except as specifically as of the Participant and CDS as effect until terminated by either lar pre-paid first class mail or fax, fax number (416) 365-1984; paid first class mail or faxed to to toords. The effective time for not the termination of this Appointment of the following the effective date of the total as specified in the notice.	provided herein, no se set forth in the CS (i) the Participant (ed to CDS at 85 Rior, (ii) CDS on no the Participant at the otice shall be as preent and Authorization, the notice (notwithstatice).	thing in this Appoir DS Rules. This Appoir on novess than thre ichmond St. West, To less than three busic e Participant's last known of the CDS on shall be effective a	ntment and Authorization e business days' written wrente, Ontario M5H 2C9, ness days' written notice own address and contact Rules as they may be s of the start of business
CDS and the Participant in co Authorization but not yet settl acknowledges that Unsettled Participant authorizes CDS to	tment and Authorization shall no connection with) any trades alreaded as of the effective time of the Trades may be settled subsequer to provide Confirmations to the VI crovided after the termination of the	dy reported to CDS termination (the "Left to the termination of the sound to the so	by the VMU pursuan Insettled Trades"). The of this Appointment a status of the Unsettled	t to the Appointment and ne Participant accordingly nd Authorization, and the
Dated this	day of		_ , 20	
Name of Participant			_	
Per:			_	
Name and Title of Authori	zed Signing Officer			
Per:			_	
Name and Title of Authori	zed Signing Officer			
				CDSX808 (10/06)

Please photocopy this form onto your company letterhead, after blocking out this box.

		Date:							
To: The Canadian Depository for Securities Limited 85 Richmond Street West, Toronto, M5H 2C9 100 Adelaide Street West, Toronto, Ontario M5H 1S3									
Attention:	: Customer Service								
Re:	Replacement Desi	Replacement Designation of Signing Officers							
Officers and to act on be	d designate each of the chalf of us for all pute his or her name and	the individuals named below ourposes of the Services, and cert	or previous designation of Signing or new Signing Officer authorized ify that he or she holds the office opposite his or her name is his or						
Na	me	Title	Specimen Signature						
		oon this replacement designation ied to CDS in accordance with C	n of Signing Officers until a new CDS Service Rule 3.1.1.						
		Signin	ng Officer*						
		Signin	ng Officer*						

^{*} Signatures must be from 2 previous designations



Data Transmission Request

Actio	on:	☐ Add ☐ Change ☐ Delete			Company name:				
Com	pany code:	Unit:							
Ledg	er:								
Othe	r:								
nho	ound tra	nsmission (from participant to CDS)							
	Trade En		nfirma	tion	Projected Payments File GIC Funds - only Trade File (CANNEX)				
H		econciliation Intl. Trade Reconciliation ACT Trad		tion	DRIP Price Inter-account movement				
 		ransmission (from CDS to participant)							
Jul	Record	Description		Record	Description				
V	subtype	·	√	subtype	·				
		ile (EOD) (0004) (all)			Trade file (0009) (BOD) (all) continued				
	0040	Unconfirmed security deposits	+	0096	IXCA - new trades				
	0041	Purged funds deposits and rejected security/funds deposits		0097	LQNT - new trades				
		exchange file (0012) (BOD) (all)		0098	CX2 - new trades				
	0071	Domestic exchange trade reconciliation file			Trade file (0002) (EOD) (all)				
	0072	Domestic exchange trade reconciliation file - sub-participant		0023	Exchange trades - modified and outstanding trades				
		pdate file (0001) (EOD) (all)		0024	Exchange trades - deleted/purged trades				
	0001	Mark-to-market		0028	Non-exchange trades - unsettled (confirmed, unconfirmed) trades				
	0002	Confirmed security deposits, confirmed funds deposits		0029	Non-exchange trades - deleted/purged trades				
	0003	Unconfirmed, confirmed and rejected withdrawals			Withdrawal file (0005) (EOD)				
	0004	Trade settlement		0050	Unconfirmed withdrawals				
	0005	Pledge settlement		File type	Other outbound CDSX files				
	0006	Deposit or withdrawal adjustment		0031	CNS activity file (BOD)				
	0007	Ledger adjustment			CNS activity file (EOD)				
	8000	Inter-account movements			CNS EOD position record file				
	0009	CNS settlement		0011	Custodian ledger reconciliation file				
	0010	Payment exchange transactions		0015	Custodian position file				
	0011	Entitlement payments and receipts		0017	Daily ITP statistics file				
	0013	Funds transfer		0018	Daily ITP trade detail file				
	0014	Currency service transaction		7040	Entitlement file - complete				
	Pledge fil	e (0003) (EOD) (all)		7041	Entitlement file - changes				
	0030	Existing (settled) pledges		0021	Extended failed trades - IIROC				
	0031	Future-dated pledge transactions		0024	Final projected payments file				
	0032	Deleted/added loan items		0014	Ledger balances - proxy record date				
	0033	Deleted/purged pledges		0008	Ledger positions file				
	Trade file	(0009) (BOD) (all)		0020	NSCC consolidated net settlement trade summary file				
	0020	CDCC - new trades		0007	NSCC continuous net settlement account summary extract file				
	0022	TSE/CDNX - new trades		7050	Participant profile file				
	0025	CNQ - new trades		0023	Projected payments matching file				
	0026	TCM - new trades		7030	Security master file - complete				
	0027	Non-exchange trades - unsettled, received after file type 28 is produced		7031	Security master file - changes				
	0070	CXD - new trades		0016	1042-S reporting - detail file (monthly) Company Ledger				
	0800	LYNX - new trades	\perp	1000	DRIP price rejects				
	0090	PURE - new trades		0025	CNS fails to deliver detail file				
	0091	CHIX - new trades	+	0028-01	NSCC UTC MRO trade capture data file				
_	0092	OMEG - new trades	1	0028-02	NSCC Consolidated Trade Summary (CTS) CSV				
	0093	AATS - new trades	-	0028-03	NSCC Consolidated Trade Summary (CTS) MRO				
	0094	NEOE - new trades	+						
	0095	TMXS - new trades							



InterLink/SWIFT Service – Message Request

CDS Participant Requestor:		CUID:	Ledge	r:
Contact Name:		Phone number:		
Third party service provider (if applic	cable):		Destin (manda	ation: ttory)
Local Queue:		Queue manager:		
InterLink service subscription:	Changes to current service	requirement:	Date:	
				(YYYY/MM/DD)
SWIFT service subscription:	Changes to current service	requirement:	Date:	
				(Y <i>YYY/MM/DD</i>)
BIC code:	Authorized signature:			

Message name	Message number	CDS inbound/ outbound	Your CUID	Third party (✓)	Add (✓)	Remove (✓)
Broadcast Notification Message	CDSN01N	0				
Ledger transfer					·	
Funds Transfer Entry	CDSA010	I				
Funds Transfer Reject	CDSA01R	0				
Funds Transfer Confirm	CDSA01C	0				
Funds Transfer Notify	CDSA01N	0				
Inter-account movement					•	
Inter-Account Movement Entry	CDSA020	I				
Inter-Account Movement Reject	CDSA02R	0				
Inter-Account Movement Confirm	CDSA02C	0				
Inter-Account Movement Notify	CDSA02N	0				
Non-exchange trade					•	
Non-Exchange Trade Entry	CDST010	I				
Non-Exchange Trade Reject	CDST01R	0				
Non-Exchange Trade Confirm	CDST01C	0				
Non-Exchange Trade Notify	CDST01N	0				
Non-Exchange Trade Modify	CDST100	I				
Non-Exchange Trade Modify Rejection	CDST10R	0				
Non-Exchange Trade Modify Confirmation	CDST10C	0				
Non-Exchange Trade Modify Notification	CDST10N	0		₽		
Non-Exchange Trade Settlement Notification	CDST90N	0				
Ledger						
Ledger Position Update Notification	CDSU01N	0				
Default CUID required:						
Pledge	•	•				
Pledge Entry	CDSP020	I				
Pledge Modify	CDSP200	I				
Pledge Seizure	CDSP210	I				





CDS – Online Services Support – Service Eligibility Details Ledger Functions

Company code:	Company name:									
Ledger:										
Service Descript	ion	Elig	jibili	ty		Ef	ffectiv	ve Da	te	
CNS POSN Reporti	ng (CDSX01N)	Yes		No	Υ	Υ	M	M	D	D
Domestic - CNS CA	ND	Yes		No	Υ	Υ	M	М	D	D
Domestic - CNS US	D	Yes		No	Υ	Υ	M	Μ	D	D
DTC - Delivery Free		Yes		No	Υ	Υ	M	М	D	D
EOC - Delivery Free)	Yes		No	Υ	Υ	M	М	D	D
JSS Delivery Free	Delete entire line	Yes		No	Υ	Υ	M	Μ	D	D
SEB - Delivery Free		Yes		No	Υ	Υ	M	М	D	D
Signature:					Date:					

CDS Clearing and Depository Services Inc. CDSX798 (05/07)



Schedule A Event Claim Form

The Canadian Depository for Securities Limited

85 Richmond St. W. 100 Adelaide St. W.

Toronto, Ontario

M5H 2C9 M5H 1S3

Participant name:	
CUID(s) affected:	Location:
Completed by:	Phone number:
Today's date:	Date of the event:
Dollar amount of claim:	Claim calculation:
Supporting documentation attached	
Action taken to minimize loss:	

Please email the completed claim form to your CDS Relationship Manager.

Note: Please include a detailed description of the event on your company letterhead. All supporting documentation should be forwarded with this form.

Issuer Letter of Authorization

Date:					
CDS Clearing and Depository Services Inc. 85 Richmond Street West Toronto, Ontario M5H 2C9 M5H 1S3 Canada Attention:	t				
To whom it may concern:					
In connection with the issuance by	(the "Issuer") of its corporate Spanish debt				
securities (), the Is	suer and as guarantor				
	m that Acupay System LLC ("Acupay") is their agent and authorize				
CDS Clearing and Depository Services Inc. ("CDS") to	o furnish Acupay with such information pertaining to the				
holdings of CDS participants in the said securities as	would be reflected on a Holders of Record Report, or a similar				
report utilized for the same purpose, and their election	ns for tax relief on such positions in order to facilitate the tax				
withholding and exchange processing certification pro	ocedures as fully described in the Issuer's Offering Memorandum				
dated in respe	ect of the said securities.				
Issuer	Guarantor				
Signature	Signature				
Name	Name				

Issuer Legal Opinion Cover Letter

Date:

85 To	S Clearing and Depository Services Inc. Richmond Street West 100 Adelaide Street West onto, Ontario 1 2C9 M5H 1S3 ada
Att	ntion:
То	whom it may concern:
We	have acted as Spanish legal counsel to (the "Issuer"), for purposes,
am	ong others, of issuing a legal opinion (the "Opinion"), addressed to the Issuer in connection with the issuance
of	guaranteed by (details of securities)
	(the "Bank"). The Opinion is attached as Schedule 1,
the	following being some important highlights:
•	According to Law, the issuance of the securities by the Issuer will be subject to certain reporting
	requirements, (which include disclosure of the identities of the holders and the activities performed by the Issuer).
	These disclosure obligations were implemented by
	(),
	as amended by
	(full title of law in English and date) (
•	(full title of law in Spanish and date) The Issuer, the Bank and the Fiscal and Paying Agent have agreed upon certain procedures with the relevant
	clearing system (i.e., CDS Clearing and Depository Services Inc. or "CDS") and with Acupay System LLC ("Acupay"
	(as described under (i) the heading "Taxation – Spanish Tax Considerations – Evidence of Beneficial Owner
	Residency in Connection with Interest Payments", of the Preliminary Offering Memorandum and the Offering
	Memorandum; (ii) Annex A to the Preliminary Offering Memorandum and the Offering Memorandum;
	and (iii) the terms of the Acupay Agreement) which, in our opinion, comply with the reporting requirements set forth
	by Law, as confirmed by
•	Since, in our opinion, the procedures referred to in Paragraph of the Opinion comply with the reporting
	requirements set forth by Law (as amended by Law and Law),
	as confirmed by
	(name of law in Spanish) we are of the opinion that CDS will not incur any risk before the Spanish Tax Authorities as a consequence of taking
	part in such procedures in the manner described in Annex A to the Preliminary Offering Memorandum and the
	Offering Memorandum.
	Ŭ.

- In addition, if the procedures referred to in Paragraph ______ of the Opinion prove to be ineffective and CDS participants are unable to collect and provide the Issuer or the Bank with all of the information concerning the identity and country of residence of beneficial owners, as required by Spanish tax authorities, on a timely basis (in which case, the Preliminary Offering Memorandum and the Offering Memorandum state that the Issuer will withhold at the then applicable rate currently ___% from any interest payment with respect to the outstanding principal amount of the securities as to which the agreed procedures prove ineffective), we are of the opinion that CDS will not incur any risk before the Spanish tax authorities.
- In the event that the beneficial owner information submitted to the Issuer or the Bank is later found to be false or incorrect, we are of the opinion that the Issuer will be held liable by the Spanish tax authorities for the underpayment of withholding taxes. We are also of the opinion that CDS will not be held liable in this situation by the Spanish tax authorities. If it is found that the underpayment of withholding taxes was made with wrongful intention or negligence, the Spanish tax authorities may find that there was a tax infringement and impose penalties on the Issuer. Active co-operators in the commission of such tax infringement will be held jointly and severally liable for the underpaid withholding taxes and consequent penalties. Since CDS does not know or have access to beneficial owner information, we are of the opinion that CDS could not be deemed to be an active co-operator in the alleged tax infringement by the Spanish tax authorities.

Sincerely,





CDS Onsite Contingency Service

Application for Subscriber Plan

To:	The Canadian Depository for Securities Limited ("CDS") 100 Adelaide Street West 85 Richmond Street West, Toronto, Ontario M5H 2C9
	Attn: Customer Service
From:	
110111.	(the "Subscriber")
The Su	bscriber applies to subscribe to the CDS Onsite Contingency Service (the "Service").
The Su	bscriber agrees that the monthly standby fees for the Service, plus applicable taxes, will be billed
	Subscriber monthly and will be charged to the Subscriber's Invoice Unit. Additional fees and other
_	charges for the Service, plus applicable taxes, will be charged to the Subscriber's Invoice Unit licable.
	bscriber acknowledges that the Service shall be subject to the <i>Participant Agreement and</i> e <i>Rules</i> and the procedures and user guides for the Service.
0011100	s nates and the procedures and aser galacs for the Gervice.
This ap	plication is made on behalf of the Subscriber by its duly authorized signing officer.
Signing	officer Date



Notification of Participant Shared (Terminal) Access

To: The Canadian Depository for Securities Limited ("CDS")

85 Richmond Street West, Toronto, Ontario M5H 2C9

Attn: Customer Service

The following Participants hereby jointly notify CDS that they have agreed to share terminal sites and office space in order to access and use CDS online functions as a backup facility in situations of temporary terminal/system failure in the following way:

Participant A:	will be allowed to access and use CDS online functions
(participant name)	
using their own logon IDs at the terminal site(s) of	Participant B:(participant name)
Conversely, Participant B will be allowed to access the terminal site(s) of Participant A.	and use CDS online functions using their own logon IDs at
·	de online access to the other Participant as contemplated ecific instructions contained in the Participant Shared (Terminal
	any agreement between the Participants concerning shared nt Agreement and Service Rules and procedures and user
Signature of authorized signing officer for Participant A	 Date
Signature of authorized signing officer for Participant B	
For CDS use only:	
CDS Customer Service signature	
CDS Customer Service must forward a si	igned copy of this notification to Information Security

Effective date:



Web Services Request for CDS Participants

Company name:		Company code:	Mailing address: (street address, city, postal code)
Contact name:	Phone number:		

CUID	Electronic Alert service	Corporate Action Liability Management service	CDS NR7-R Certification service	TRAX Trade Confirmation Statistics	TRAX Transfer Requests	New York Link Monitoring service	TRAX Entitlements Tracking
		Change to	CDS-DTCC Payr	nent Service			

Legal disclaimer

These services are covered by the CDS Participant Rules and Procedures.

Internet related delays or communication/network outages are beyond the control and responsibility of CDS and may delay or disrupt the participant's ability to access the CDS web services and/or web and email alerts created by these services. Participants are responsible for maintaining their internet connections to receive web alerts and/or maintaining and monitoring their designated email addresses to ensure that they receive email alerts.

Email alerts sent by CDS are not encrypted so the confidentiality or security of the information is not guaranteed.

By signing below, the signing officer, on behalf of the participant, accepts the legal disclaimer above and all the terms and conditions for the service as set out in the CDS Participant Rules and procedures.

Customer authorization					
Name:		Title:			
Authorized signature:				Date:	
CDS use only					
	1		1		
Request verified by Customer Service	Name:		Date:		
- Nequest relines by contains, collines					
Authorization with a long country Outhors	Name:		Date:		
Authorization verified by Security Systems					
	Name:		Date:		
Request Completed by Security Systems					



Name and Title of Authorized Signing Officer

Appointment and Authorization of Third Party Trade Reporting (TPTR)

TO: CDS CLEARING AND DEPOSITORY SERVICES INC. ("CDS") a participant of CDS (the "Participant") hereby appoints: (the "TPTR") TPTR Contact Person Phone Number Email Address to report matched trades to CDS on behalf of the Participant for Settlement through the Services of CDS, as those terms are defined in the Participant Rules of CDS (the "CDS Rules"). The Participant hereby authorizes and directs CDS to accept and rely upon every instruction or other communication relating to a matched trade to be settled by the Participant through the Services ("Instructions") which is submitted to CDS by the TPTR until and unless this Appointment and Authorization is terminated in accordance with the provisions set out below. The Participant further authorizes and directs CDS to provide to the TPTR (upon request), in addition to the Participant, confirmations, advises and reports relating to the status of matched trades reported by the TPTR on behalf of the Participant (Confirmations). The Participant acknowledges that, except as specifically provided herein, nothing in this Appointment and Authorization affects the rights or obligations of the Participant and CDS as set forth in the CDS Rules. This Appointment and Authorization shall remain in full force and effect until terminated by either (i) the Participant on no less than three business days' written notice delivered, sent by regular pre-paid first class mail or faxed to CDS at 85 Richmond St. West, Toronto, Ontario M5H 2C9, Attention: Chief Legal Officer, fax number (416) 365-1984; or, (ii) CDS on no less than three business days' written notice delivered, sent by regular pre-paid first class mail or faxed to the Participant at the Participant's last known address and contact person according to CDS' records. The effective time for notice shall be as prescribed in the CDS Rules as they may be amended from time to time. The termination of this Appointment and Authorization shall be effective as of the start of business on: (i) the second business day following the effective date of the notice (notwithstanding any earlier date which may be specified in the notice); or, (ii) on such later date as specified in the notice. 100 Adelaide St. West, Toronto, Ontario M5H 1S3, The termination of this Appointment and Authorization shall not affect the status of (or the respective rights and obligations of CDS and the Participant in connection with) any trades already reported to CDS by the TPTR pursuant to the Appointment and Authorization but not yet settled as of the effective time of the termination (the "Unsettled Trades"). The Participant accordingly acknowledges that Unsettled Trades may be settled subsequent to the termination of this Appointment and Authorization, and the Participant authorizes CDS to provide Confirmations to the TPTR relating to the status of the Unsettled Trades notwithstanding that such Confirmations are provided after the termination of this Appointment and Authorization. Dated this Name of Participant Per: Name and Title of Authorized Signing Officer



Confirmation of Registered Holdings Form

The eligible issuer,	(issuer)	, by its duly authorized office	er or its appointed agent (if applicable)			
(name of officer or agent)	,	nat CDS provide a confirmati	on of registered holdings ("Confirmation") of the security			
	the nominee of CDS Clearing and Depositor	ry Services Inc. ("CDS Clea	ring"), CDS & CO., as identified in the attached request			
letter dated(date of request)	and acknowledges that CDS' provisi	on of such Confirmation(s) is	subject to the terms and conditions on the reverse hereof:			
ree calculation:						
	st based on the number of ISINs included in	the request: Province <i>(mus</i>	st be			
selected):						
Number of ISINs (first 10)	x \$105.00					
+ Number of ISINs (11 to 30)	x \$53.00					
+ Number of ISINs (over 30)	x \$27.00					
Total ISINs:	Sub-total:					
	Plus 5% GST:					
or 13% HST: (O	N, NL, NB residents only)	(01	DS GST/HST Registration Number)			
	El residents only)		23 G31/1131 Negistration Number)			
or 15% HST: (NS	3 residents only)		330507497RT0001			
Plus 9.975%	QST: (QC residents only)	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	oo dor registration Namber,			
Note: Calcula to the neares.	ted QST amount is rounded up	(C[OS QST Registration Number)			
			215325551TQ0001			
	Total:					
Method of payment (please	choose one):					
Payment enclosed Please make cheque or bank draf	payable to: Beneficiary B	nt (Canadian dollars only) ank: BANK OF MONTREAL eet West, Toronto, ON M5X				
CDS 85 Richmond Street West 100 Adelaide Street West Toronto, ON M5H-2C91S3 Attn: Finance A/R SWIFT BIC CODE: BOFMCAM2 Beneficiary Acct. No.: 1594-223 Transit No.: 0002(2)						
Invoice requested	Beneficiary: C 100 Adelaide		Street West, Toronto, ON M5H 1S32C9			
<u> </u>	een billed by CDS. Please use the most rec	cent billing information on file	9.			
Please use the following billing	g information:	A				
Issuer:		Agent (if applicable):	applicable):			
Billing contact:		Phone:	Email:			
Bi <u>l</u> ling address:						
City	Province:	Postal code:	Country			
City:	Province.	Postal code.	Country:			
Requested by:						
Issuer Agent Nam	e of requesting organization:		Authorized signature:			
Name and title of authorized signing office	er:	Phone:	Date:			
CDS internal use only						
Confirmation request accepted by (CDS	Date:					
Payment received by (CDS Finance signature): Date:						
Completed confirmation released by (CD	Date:					

Standard Terms and Conditions

- 1. Confirmation of Registered Holdings (the "Confirmation") Service. By submitting this form, the Issuer represents that CDSl Clearing and Depository Services Inc. ("CDS Clearing"), by its Nominee CDS & CO., is the or a registered holder of the security eligible for the CDS Clearing depository service. The issuer, or its authorized agent, acknowledges that CDS & CO. holds the securities as bare nominee on behalf of CDS Participants in the Depository Service, for which CDS Clearing performs settlement and custodial services. CDS Clearing has been authorized by each Participant to disclose to an eligible security Issuer the aggregate number of eligible securities of that Issuer held for the account of CDS Participants. The Confirmation will indicate such positions as at the close of business, following necessary adjustments, upon the date(s) specified and will be made available to the Issuer as soon as reasonably practicable thereafter.
- Data Accuracy. CDS will reprocess and re-issue a Confirmation where, within three months of the date of the original Confirmation, the Requesting Party demonstrates to the reasonable satisfaction of CDS that the confirmations did not reconcile with the Issuers register.
- 3. <u>Limitation of Liability.</u> The Issuer, or the Issuer's duly authorized Agent, acknowledges and agrees that neither CDS, nor any of its affiliated companies, shall be liable for failure to provide the Confirmation requested if such failure is due to any cause or condition beyond the reasonable control of CDS. Further, the Issuer, or the Issuer's duly authorized Agent, acknowledges that the aggregate liability of CDS for damages of any kind, howsoever incurred, shall not exceed the total amount paid by the Issuer or its authorized Agent for the Confirmation(s) in the three months immediately preceding the occurrence of the event giving rise to such liability.
- 4. <u>Use of Confirmation.</u> A Confirmation obtained from CDS shall not he used by the Issuer or any person receiving a Confirmation or copy thereof, except in accordance with applicable securities law, regulation, or instruction and, more specifically, shall only be used in connection with:
 - (a) sending securityholder materials;
 - (b) an effort to influence the voting of securityholders of the issuer;
 - (c) an offer to acquire securities of the issuer; or
 - (d) any other matter relating to the affairs of the issuer.
- 5. Fees. CDS shall charge a fee, according to the then-current CDS fee schedule for Confirmations provided under this Agreement. CDS reserves the right to amend the fee schedule from time to time at its sole discretion; amendments to the fee schedule made after submission of the request but prior to the delivery of the Confirmation, however, shall not impact the Total Fee. NOTE: Fees for Confirmations are payable in advance (except in the circumstance that the requesting party opts to be invoiced for the Confirmation) to 'CDS Securities Management Solutions Inc." and must accompany the delivery of this form of agreement to CDS.
- 6. Taxes: Fees charged under this Agreement are exclusive of any federal, provincial or local sales or commodities taxes which are or may be imposed upon the supply of the Confirmation(s) hereunder. Any such tax shall be paid by the Requesting Party directly to the taxing authority, or if CDS, in its opinion, is required by law to collect such tax, CDS will add the amount of the tax to the Requesting Party's fees.
- Notice: Notices under this Agreement shall be delivered personally or by registered mail to the address set out for the receiving
 party on the face hereof or to the Billing Address, if applicable. Notices to CDS shall be addressed to the attention of:
 Customer Service, 100 Adelaide Street West, Toronto, Ontario M5H 1S3-85 Richmond Street West, Toronto, Ontario M5H 2C9.
- 8. <u>Issuer's Agent.</u> If this Request for Confirmation is made on behalf of the Issuer by the Issuer's Agent, the Issuer's Agent
 - (a) represents and warrants that it has been duly authorized by the Issuer to make this Request, to receive the Confirmation requested and any notices provided hereunder, and to pay the fees charged for Confirmations;
 - (b) represents and warrants that this Request is made solely in connection with a matter relating to the affairs of the Issuer; and
 - (c) agrees to be bound by the terms and conditions of this Agreement as fully and to the same extent and degree as the Issuer.
- 9. <u>General.</u> This Agreement may not be assigned by the Requesting Party without the written consent of CDS, and shall bind the parties hereto and their respective permitted successors and assigns. This Agreement shall be governed by and construed in accordance with the laws of the Province of Ontario and the Federal laws of Canada applicable therein.

Sample request letter

To be printed on the letterhead of the issuer or its duly authorized agent.

Date:				
CDS Securities Mar 100 Adelaide 85 Ri	-	Inc. st, Toronto, ON M5H	<u>1S3</u> 2C9	
Attn: Customer Se	ervice			
Subject: Confirmat	ion of Registered H	Holdings for		
· ·	C	<u> </u>	(security desc	ription)
Dear Sirs:				
Please provide a con	nfirmation of regist	ered holdings for the s	security information	listed below as
at				
(effective date for the	•			
CUSIP/ISIN (security issue identification		Security issue descri ticulars such as security issue r		Amount
number)	rate, maturity date, etc.)	uculars such as security issue i	iame, type of security, intere	(principal, par value or number of shares)
Attach additional pages as	required and note the numb	per of pages attached		
Number of pages at	·	or or pages anaerica.		
		firmation to the attent	ion of	
Trease man (or ran)		initiation to the attent		
Autho	orized sign <u>a</u> ture of issuer or	agent represen <u>ta</u> tive		
Nan	ne and title of issuer or agei	nt representative		
	FOR (CDS SOLUTIONS INC	USE ONLY	
CONFIRMATION:				
I,		, hereby confirm	that the information pr	rovided above and/or in
the separate attachn	nent is:			
Correct	Incorre	ct (please see notes on	differences)	
Signatu	re	Title		 Date

Appendix 1 SMS013 (04/10)

- International deliveries This is a two-way armoured courier delivery service
 participants use to deliver non-negotiable securities, negotiable securities and
 documents (i.e., reports and notices) between CDS and the Depository Trust
 Company (DTC) and National Securities Clearing Corporation (NSCC). Delivery
 services are handled in the following ways:
 - New York Link settlements The participant drops off settlement envelopes for the New York Link service at CDS. An armoured courier delivers the envelopes to NSCC for the Intercity Envelope Settlement Service (IESS).
 - New York Link/DTC Direct deposits The participant drops off deposits for the New York Link service at CDS. An armoured courier delivers the envelopes to DTC.
 - CDSX U.S. deposits and withdrawals The participant drops off security deposits for DTC at CDS. An armoured courier delivers the envelopes to DTC.

1.1 CDS disclaimer of responsibility

Participants using delivery services must bear the liability for the value of their shipments. CDS is only liable for the securities held for participants and credited to the securities accounts maintained for CDSX, from the time a security is deposited to the time it is withdrawn. For more information on the terms and provisions for using delivery services, refer to the Participant Rules.

Except as CDS may determine to be appropriate or necessary, CDS does not examine the contents of envelopes or verify the amounts of money shown on the list accompanying an envelope. CDS is not responsible for the contents and is only providing a courier service.

1.2 Courier used for delivery services

For delivery services, CDS ships securities using an armoured courier with the exception of same-city transfer where messengers are used.

CDS currently uses Brink's® Canada as its armoured courier.

Notify the armoured courier if the value of the shipment is over \$50 million.

A daily courier receipt is printed listing a summary of the envelopes received by a participant and their declared value (if appropriate). For any discrepancies, contact CDS Operations on the same day. For any discrepancies noticed after the delivery date, contact CDS Customer Service.

1.3 Authorized personnel

Participants must present a messenger ID card or a letter of authorization to pick up envelopes at CDS offices.

CHAPTER 8

International deliveries

International deliveries is a two-way armoured courier delivery service participants use to deliver non-negotiable securities, negotiable securities and documents (i.e., reports and notices) between CDS and the Depository Trust Company (DTC), the National Securities Clearing Corporation (NSCC) or the appropriate transfer agent. Deliveries are handled in the following ways:

- New York Link settlements The participant drops off settlement envelopes for the New York Link service at CDS. An armoured courier delivers the envelopes to NSCC for delivery under their Intercity Envelope Settlement Service (IESS).
- New York Link/DTC Direct deposits The participant drops off deposits for the New York Link service at CDS. An armoured courier delivers the envelopes to DTC.
- CDSX U.S. deposits and withdrawals The participant drops off security deposits for DTC at CDS. An armoured courier delivers the envelopes to DTC.

Note: For all services, DTC contacts the participant directly for OFAC related inquiries.

8.1 New York Link settlements

IESS envelopes are used for New York Link settlements.

This service may be used to deliver:

- non-negotiable securities
- negotiable securities
- other documents.

For any discrepancies, contact CDS on the same day. For any discrepancies noticed after delivery date, contact CDS Customer Service.

8.1.1 Preparing IESS envelopes

One IESS envelope is used for each New York Link security.

To prepare the IESS delivery:

- Complete the online Intercity Credit ticket through the DTC Participant Terminal Service (PTS – ECSP function) or the Participant Browser Service (PBS), with the following information:
 - Deliverer ID is the participant's NSCC number

Occasionally, when DTCC calculates its service and usage rebates, the participant may receive a credit in their settlement account. These credits are not part of the billing cycle and are not included in CDS billing.

CDS billing

On the seventh business day of every month, CDS sends each participant an invoice. The International section of the invoice shows the following:

- DTCC billable amount from two months ago
- CDS's markup on that amount
- CDS charges related to the previous month's activity.

To determine the CDS markup amount, CDS obtains the DTCC and Omgeo total, subtracts any American Depository Receipt charges and calculates the appropriate markup in accordance with CDS's *Participant Product Price List*.

CDS collects payments in U.S. dollars on the ninth business day of the month and that payment is reflected on the CNS Cash Reconciliation Statement report. For more information on this report, refer to CDS Reporting Procedures.

1.5 U.S. withholding tax

The U.S. Internal Revenue Service (IRS) has regulations with respect to withholding tax on U.S. source income. These regulations affect certain aspects of participants' operations including the manner in which they assign tax classifications to the DTCC accounts for which they are responsible.

CDS collects the required documentation on behalf of DTCC.

For more information, refer to DTCC's documentation.

extender of credit

A CDS participant who is a financial institution, direct clearer or group clearer member of the Canadian Payments Association, has capital of not less than \$1 billion and is a direct participant in LVTS.

FundSERV

A company that facilitates the processing of mutual fund transfer requests transmitted from the ATON system.

InterLink

A CDS service that participants use to submit trade messages to CDS during the day.

Internal Risk Management System (IRMS)

A CDS system that calculates the haircut rates for securities to determine ACV and the collateral requirements for the CNS participant fund.

International Securities Identification Number (ISIN)

A code that uniquely identifies securities. It consists of a two-character alphabetical country code, nine-character alphanumerical security identifier and a check-digit.

Large Value Transfer System (LVTS)

A wire payment system administered by the Canadian Payments Association that facilitates electronic funds payments. It provides real-time finality of payment to the receiver and guaranteed same-day certainty of funds settlement.

mark-to-market

A practice that revalues securities and trades in the course of settlement using current market prices.

National Association of Securities Dealers Automated Quotations (NASDAQ)

The primary market for trading NASDAQ-listed stocks.

Acronyms and abbreviations

ACT Automated Confirmation Transaction

ACV aggregate collateral value

APAS Appointment of Proxy Attorney System ATON™ Account Transfer Online Notification

BEO book-entry-only issue

BEPM book-entry payment method

BNS batch net settlement

CBS certificate-based settlement

CDCC Canadian Derivatives Clearing Corporation (CDCC)
CDS® The Canadian Depository for Securities Limited

CMS Collateral Management System

CNS continuous net settlement

CPA Canadian Payments Association

CUID Customer Unit Identifier

DRS Direct Registration Option

DTC The Depository Trust Company

DTCC The Depository Trust & Clearing Corporation

EAS Electronic Alert service

ESIR Electronic Settlement Instruction Registry

IRMS Internal Risk Management System

ISIN International Securities Identification Number

LVTS Large Value Transfer System

NASDAQ National Association of Securities Dealers Automated Quotations

NCS Network Custody and Clearing System

NRD® National Registration Database

NSCC National Securities Clearing Corporation performance, volume and stress testing

RBM risk-based margining **RFT** request for transfer

RMS Report Management System

SCRIBE™ System for Canadian Real-Time Information Broadcast Electronically

SEB Skandinaviska Enskilda Banken AB

SEDAR® System for Electronic Document Analysis and Retrieval

 Summary of Outstanding Confirmed Transactions report – Lists the balances of outstanding CNS transactions, CNS transactions with next-day value, net CNS transactions, transactions available in the CNS settlement account, outstanding non-CNS transactions and outstanding non-CNS transactions with next-day value.

For more information, refer to CDS Reporting Procedures.

1.12 Additional services

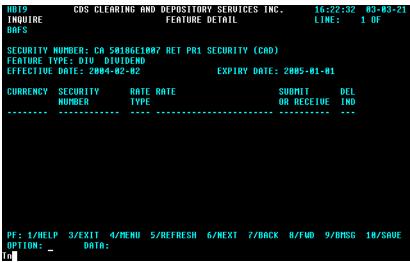
Participants may subscribe to additional services that are available in CDSX. The additional services that use CDSX are listed below:

- InterLink service An alternative to using CDS online systems to transmit transaction details and receive transaction and system messages. For more information, refer to CDS Batch and Interactive Services – Technical Information.
- Limited Functionality Depository Ledger Service Participants who require the
 use of a depository ledger for segregation of money market securities can have
 limited access to CDSX. For more information, refer to Participating in CDS
 Services.
- ATON service A service that facilitates the data exchange of client account information by subscribers. This service replaces the paper-based requests for transfers and the associated asset lists used to effect account transfers from one broker to another. The ATON service enables the electronic transfer of information and provides an online confirmation process. For more information, refer to ATON User Guide.
- Bulletin Service CDS produces and distributes information bulletins related to critical activities resulting from daily securities issuance, trading, entitlement processing and international links. For more information, refer to CDS Bulletins on the CDS website (www.cds.ca).
- File Transmission service A service that provides end-of-day and beginning-of-day CDSX transaction details, security and entitlement information, ledger position details and information on DTCC activities. For more information, refer to CDS Batch and Interactive Services – Technical Information.
- Trade Matching service A service that matches non-exchange trades. For more information, refer to *Trade and Settlement Procedures*.
- Continuous Net Settlement service A service that nets eligible trades with valuedated CNS positions. CNS positions that reach value date become outstanding CNS positions and are considered for CNS settlement. For more information, refer to *Trade and Settlement Procedures*.

- GIC Funds-Only Trade Service A service that allows GIC issuers and purchasers to settle funds owing between them for daily settlement of new GIC securities, maturity amounts, interest payments, commissions and early redemptions. These non-exchange trades are created via a batch file from a GIC service bureau (e.g. CANNEX).
- Matched Institutional Trade Interface service A service that enables participants to submit matched institutional trades to CDSX through a virtual matching utility (VMU). For more information, refer to *Trade and Settlement Procedures*.
- International services CDS provides the following international services:
 - DTC Direct Link Service
 - CAVALI Link Service
 - CDS/DTC Cross-Border Movement Service
 - Euroclear France Link Service
 - New York Link Service
 - SEB Link Service.
- SOLA Netting System service CDSX provides a gateway for participants using the Canadian Derivatives Clearing Corporation's (CDCC) fixed income netting product, SOLA. Through CDSX, SOLA users can submit, modify and confirm nonexchange repo and cash trades for netting and novation at CDCC.

To register for these services, refer to Participating in CDS Services.

Feature Detail screen



Review the feature details.

3.6.5 Viewing eligibility and restriction information

When a security is set up in CDSX, CDS establishes the security's eligibility for CDS services and applies restrictions on CDSX functionality.

To view security eligibility and restrictions:

- 1. Access the Security List screen on page 57. For more information, see <u>Viewing information on confirmed securities</u> on page 56.
- 2. Type 5 in the SEL field beside the required security and press ENTER to display the Eligibility Information screen on page 64 with information about the security eligibility in CDSX.

Eligibility Information screen

```
HBIA CDS CLEARING AND DEPOSITORY SERVICES INC. 89:87:84 89-81-89
INQUIRE ELIGIBILITY INFORMATION
ADAA
SECURITY NUMBER: CA 1358819X79 SHORT NAME: BIG BELL

ELIGIBILITY SERVICE EFFECTIVE DATE DELETE
CNS 2888-87-86
DCS 2888-87-86
DTC 2888-87-86
FNS 2883-11-19

PF: 1/HELP 3/EXIT 4/HENU 5/REFRESH 6/NEXT 9/BMSG 18/SAVE
OPTION: DATA:
TO R 24 C 18
```

3. Review the fields indicated in the table below.

Field	Description
ELIGIBILITY	Services for which the security is eligible:
SERVICE	DCS – CDSX services
	CNS - Continuous Net Settlement services
	DTC - CDS/DTC Cross-Border Movement Service
	EOC – Euroclear France Link Service
	SEB – SEB Link Service
	SNS – SOLA Netting System Service
EFFECTIVE DATE	Date when the service eligibility becomes effective
DELETE	Indicates if the eligibility has been deleted

4. To view the restrictions on the security, press PF6 to display the Function Restriction Information screen on page 65.

CHAPTER 4

Book-entry strips and packages

The CDS Book-Entry Strip Service enables participants to strip, reconstitute and package securities.

Note: This service is unavailable to U.S. Treasury securities. Participants who want to strip U.S. Treasury securities must use the U.S. Treasury Commercial Book Entry System. Participants electing to move already stripped U.S. Treasury securities to CDS must request that CDS make the stripped instrument eligible within CDSX. Once in CDSX, the stripped instruments will be set up as regular U.S. Treasury securities. For more information, see <u>Requesting issues be made eligible in CDSX</u> on page 43.

The book-entry strip and package activities are:

 Stripping securities – Participants may strip securities by splitting debt securities held in their segregated account as indicated in the table below.

Types of securities	May be split into
Bonds	Individual interest, principal or payment (interest and/or principal) components, which correspond to the individual payments involved. Each interest and/or principal payment on the underlying bond is treated as a maturity of the corresponding component
Asset-backed securities	Monthly payment and principal components

CDS supports the creation of non-standard strip components. For more information, see Requesting the stripping of a debt security on page 79.

- Packaging securities Participants may package book-entry strips by taking some or all of the remaining interest and/or principal components for a security and creating new securities with new and separate ISINs and positions. For more information, see <u>Packaging book-entry securities</u> on page 86.
- Reconstituting securities Participants may reconstitute securities by reassembling the individual interest, principal or payment components that are related to an original-issue security. For more information, see <u>Reconstituting</u> <u>securities</u> on page 80.
- Processing entitlements on strips, packages and reconstituted securities CDS processes entitlements for strips, packages and reconstituted securities separately from the events for the underlying securities based on rules and restrictions. For more information, see Entitlements for strips, packages and reconstituted securities on page 184.

- 3. Complete a separate CDS Book-Entry Strip Request form (CDSX047) for each underlying security being stripped as follows:
 - Enter the face value of the security to be stripped (must be a whole number).
 - Enter the number of interest or payment components, principal components, and the total number of components.
 - Disregard the section "For equity issues only."
 - Have an authorized signing officer:
 - Sign the form, if sending the form by fax
 - Approve the email, if sending the form by email
- 4. Email or fax the form to CDS Toronto Operations by 10:00 a.m. ET (8:00 a.m. MT, 7:00 a.m. PT) for same-day processing or after 10:00 a.m. ET (8:00 a.m. MT, 7:00 a.m. PT) for next-day processing.

CDS processes a strip ledger adjustment to:

- Debit the participant's segregated account in the underlying security
- Credit the participant's segregated account in each of the strip components related to the underlying security.

4.5 Reconstituting securities

Once the strip components have been created, they may be reassembled into a related original-issue underlying security. Underlying securities may be reconstituted beyond the quantity stripped by book-entry by requesting that CDS use the packaging facility to process the request.

To reconstitute an original-issue underlying security, the following conditions must be satisfied:

- A valid <u>CDS Book-Entry Strip Component Listing</u> on page 75 for the original-issue security must exist. If the listing does not exist, submit a request for one.
- Participants must reconstitute all related interest and principal components from the current date to the maturity date of the principal component.
- Participants must have sufficient quantity available in their segregated account of each component at the time that the request is processed to reconstitute the quantity requested in the underlying security.

If participants have insufficient quantity available in one or more components, the request will be rejected.

If a quantity of one in one or more components is needed, make arrangements with another participant to obtain the required positions, or request the position from CDS by following the procedures in Processing accumulated strip bond fractions on page 88.

CHAPTER 6

Deposit activities

Participants can deposit the following in CDSX:

- Funds Deposit Canadian or U.S. funds into their funds account only. For more information, see Funds deposits on page 97.
- Securities Deposit only CDSX-eligible instruments into their general, segregated or RSP account. For more information, see <u>Security deposits</u> on page 100. Aggregate Collateral Value (ACV) is subject to sector limits and increases when a security is deposited to the general account. For more information, refer to Participating in CDS Services.

Transactions entered after the deposit cutoff times are processed the next business day.

6.1 Deposit functions

Participants can process deposit requests by accessing the following functions on the Deposit Menu on page 97:

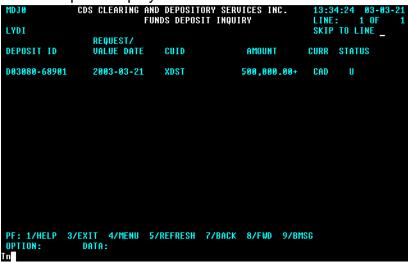
- Request Funds Deposit Enter details of a funds deposit to the participant's funds account.
- Inquire Funds Deposit View all confirmed, unconfirmed or rejected requests for funds deposits that have been made during the day.
- Request Security Deposit Request the deposit of eligible securities into CDSX.
- Inquire Security Deposit View all confirmed, unconfirmed, or rejected requests for security deposits that have been made during the day.

Participants who subscribe to the InterLink service can transmit security deposit requests to CDSX using InterLink messaging. For more information, see <u>Security deposits</u> on page 100.

Participants who subscribe to the TRAX transfer requests application can transmit deposit requests to CDSX using a web-based interface. For more information, refer to *Participating in CDS Services*.

CDS provides reports for monitoring the deposit of funds and securities in CDSX. For more information, refer to CDS Reporting Procedures.

Funds Deposit Inquiry screen



3. Review the STATUS field to determine if the request is unconfirmed (U), confirmed (C) or rejected (R).

6.4 Security deposits

Participants can enter security deposit requests in CDSX in the following ways:

- Direct online entry into CDSX
- InterLink message CDSD010 Participants who subscribe to the InterLink service
 can transmit deposit requests to CDSX using InterLink messaging. For more
 information, refer to CDS Batch and Interactive Services Technical Information.
 Participants register for this service by completing the InterLink/SWIFT Service
 - Messages Request (CDSX377).
- TRAX transfer requests Participants who subscribe to the TRAX transfer requests application can transmit deposit requests to CDSX using the TRAX webbased interface or using InterLink Message CDSK010. The service level of deposit transactions created through TRAX defaults to REG (regular) and can be changed to 24H (24-hour) or INS (instant). For more information, refer to Participating in CDS Services.

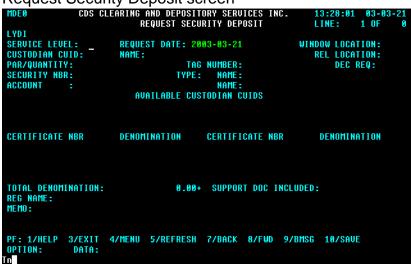
Security deposits are entered in CDSX and, if required, the certificates are then forwarded to the custodians of the issues. For some issues, transfer agents may assume the system role of custodian (i.e., validator) in CDSX.

The current cutoff times for security deposit activities appear in the Timetables-Deposits and Withdrawals bulletins. To view these bulletins, access CDS Bulletins on the CDS website (www.cds.ca).

To request a security deposit in CDSX:

- 1. Access the Deposit Menu on page 97. For more information, see <u>Accessing the Deposit Menu</u> on page 97.
- 2. Type the number identifying Request Security Deposit in the SELECTION field and press ENTER. The Request Security Deposit screen on page 101 displays.

Request Security Deposit screen



Complete the fields as indicated in the table below.

Field	Description
SERVICE LEVEL	INS – Instant deposit
	REG – Regular deposit
	24H – 24-hour deposit*
	*Note: 24H (24-hour) deposit entry is only available through TRAX
REQUEST DATE	Date of the request (defaults to the current date)
WINDOW LOCATION	Location where the securities subject to the deposit are to be delivered. If this field is left blank, CDSX automatically populates it
CUSTODIAN CUID	CUID of the custodian or transfer agent for the securities. If the custodian CUID is not known, leave the field blank and press ENTER. CDSX provides a list of up to six custodian CUIDs. Enter the appropriate custodian CUID before saving the security deposit request
REL LOCATION	Location where the participant wants their rejected security deposits to be sent for pickup
PAR/QUANTITY	Par or quantity of the securities to be deposited
SECURITY NBR	ISIN for the security

When full payment is received from the paying agent, the Entitlement System
debits the participant's account for funds and/or securities, and credits the
participant with the entitlement. For voluntary events, the participant's tender
account is debited.

When a partial payment for an event is received from one of the paying agents, all security positions for that event are removed from the participant's account. Participants are credited on a pro-rated basis with the proceeds received by CDS from the paying agent.

For an interest payment on a Spanish maple bond, the participant must ensure that their filing with the withholding agent matches their elections in CDSX in order to receive a favourable rate. If their filings with the withholding agent do not match their elections in CDSX, then the participant will receive the entire payment at the unfavourable rate. CDS will ensure that the entitlement is paid at the unfavourable rate. If the participant needs to make a subsequent claim to recover tax withheld, they must contact the withholding agent directly, whose contact information is provided on the CDSX event bulletin.

8.1 Entitlement cutoff times

The cutoff times for entitlement activities are indicated in the table below.

Entitlement activity	ET	MT	PT
Start of online access	7:00 a.m.	5:00 a.m.	4:00 a.m.
End of intraday entitlement release	2:30 p.m.	12:30 p.m.	11:30 a.m.
End of funds option selection entry (Canadian and U.S. dollars)	4:00 p.m.	2:00 p.m.	1:00 p.m.
End of security option selection entry	7:30 p.m.	5:30 p.m.	4:30 p.m.

Participants may tender securities up until system shutdown and may only tender funds until payment exchange for the currency being tendered.

For all non-default options that are handled in the bulk process and where cash must be submitted by the participant (e.g., rights subscriptions), the participant's funds account is automatically debited as indicated in the table below.

For instructions submitted and confirmed	The participant's funds account is automatically debited
Prior to the option's expiry date	On the morning of the expiry date
On the option's expiry date at 10:00 a.m.	When the instructions are confirmed

8.2 Entitlement functions

The entitlement functions available to participants are:

Event Item Information screen

```
FWE7 CDS CLEARING AND DEPOSITORY SERVICES INC. 12:18:34 03-03-21
INQUIRE EVENT ITEM INFORMATION LINE: 1 OF 1
LYDI SKIP TO LINE

EVENT ID : E080200377002 EVENT TYPE : DWO
SECURITY NBR : CA550186E1007 RET PR1 SECURITY (CAD)
EVENT STATUS : CONF MANDATORY/VOLUNTARY : M

OPT ITEM DEFAULT DISBURSEMENT DISBURSEMENT
NBR NBR IND SECURITY NBR SECURITY CURR SECURITY PRICE RATE

2 3 N CA50186E1007

PF: 1/HELP 3/EXIT 4/MENU 5/REFRESH 7/BACK 8/FWD 9/BMSG
OPTION: DATA:
```

- To withdraw some or all instructions, type the quantity to be withdrawn in the REQUESTED QTY/WITHDRAWN QTY field beside the required instruction.
- 7. Press ENTER to validate and press PF10 to save the instructions.

8.5 Event calendar

The Event Calendar function enables participants to view or generate a report on entitlement events (confirmed and unconfirmed only) where they hold a current position, record date position or adjusted record date position. For more information, refer to the CDS Reporting Procedures.

To view or report on the event calendar:

- 1. Access the Event Menu on page 131. For more information, see <u>Accessing the Event Menu</u> on page 130.
- Type the number identifying Event Calender in the SELECTION field and press ENTER. The Event Calendar Search/Report Selection screen on page 163 displays.

Report category	Report name	Report ID
International reports	ACT Billing report	000357
	CDS Trading Blotter – Dropped Trade report	000267
	CDS Trading Blotter – Unmatched Trade report	000933
	CNS Accounting Summary report for DTCC	003409
	CNS Cash Reconciliation Statement report	003401, 003408
	CNS Daytime Miscellaneous Activity report	003426
	CNS Dividend Activity report	003405
	CNS Due Bill Activity report	003411
	CNS Miscellaneous Activity report	003402
	CNS Position Report Prior to Day Cycle	003414
	CNS Position Report Prior to Night Cycle	003413
	CNS Projection report	003406
	CNS Receive/Deliver Instruction report	000198
	CNS Record Date report	003403
	CNS Settlement Activity Statement report	003404, 003407
	Credit Summary Listing report	003420, 003423
	Deliver and Receive Settlement Activity report	003430
	Deliveries Received and Debited (DSS) report	003419, 003422
	Deliveries Received and Debited (IESS) report	003416
	Dividend Reorganization Cash Settlement Items report	003432
	Domestic Index Receipt report	003429
	International Delivery report	000142
	International Ledger Reconciliation Report for DTCC Actual Balances	000778
	Locked-In Trade Exception report	001890
	NASDAQ/FINRA – ACT Compliance report	00359
	Participant Daily Activity Statement report	003428
	Participant Settlement Super Statement – DTC/NSCC report	003440

10.4 CNS Cash Summary Report – Post CNS/BNS

Report ID	000010
Available	7:00 a.m. ET (5:00 a.m. MT, 4:00 a.m. PT) daily
Data currency	Beginning of day
Retention period	35 days
Sort order	COMPANY, LEDGER (page breaks)
	LEDGER, CLEARING ORGANIZATION, CURRENCY, ACTIVITY
Aggregation	COMPANY, LEDGER, CLEARING ORGANIZATION, CURRENCY
	CNS OUTSTANDINGS AT CLOSE OF BUSINESS (by VALUE-DATED POSITIONS EXTRACTED, MARKS APPLIED TO TRADES, MARKS APPLIED TO NET OUTSTANDING POSITIONS, ALLOTTED NET OUTSTANDING POSITIONS, CNS/BNS SETTLEMENTS)
	CNS OUTSTANDINGS - POST CNS/BNS

This report summarizes the changes to the cash value of outstanding CNS positions from end-of-day to after the CNS/BNS process.

10.5 CNS Mark Difference Details report

Report ID	000229
Available	7:00 a.m. ET (5:00 a.m. MT, 4:00 a.m. PT) daily
Data currency	Beginning of day
Retention period	Six months
Sort order	COMPANY, LEDGER, CURRENCY (page breaks)
	VALUE DATE, COMPANY, LEDGER, CURRENCY, CLEARING ORGANIZATION, TRADE ID
Aggregation	COMPANY, LEDGER, CURRENCY, CLEARING ORGANIZATION
	TOTAL MARK DIFFERENCE ON EXTRACTED TRADES (by COMPANY, LEDGER, CURRENCY, CLEARING ORGANIZATION)
	TOTAL MARK DIFFERENCE ON NETTED OUTSTANDING POSITIONS (by COMPANY, LEDGER, CURRENCY, CLEARING ORGANIZATION)
	TOTAL MARK DIFFERENCE ON NETTED VALUE-DATED POSITIONS (by COMPANY, LEDGER, CURRENCY, CLEARING ORGANIZATION)
	OVERALL MARK DIFFERENCE (by COMPANY, LEDGER, CURRENCY)

This report lists marking activity for CNS. It includes the marking of new trades as well as outstanding and value-dated positions.

This report is generated in the overnight batch. It is also generated if outstanding and value-dated CNS positions are marked intraday.

For this report, the trade ID is:

This report lists all the interest mark amounts, by security, that were calculated based on the CNS quantities that failed to settle that day.

10.9 Outstanding CNS Position Update report

Report ID	000227
Available	7:00 a.m. ET (5:00 a.m. MT, 4:00 a.m. PT) daily
Data currency	Beginning of day
Retention period	35 days
Sort order	COMPANY, LEDGER, CLEARING ORGANIZATION, CURRENCY, SECURITY ID, TIMESTAMP
Aggregation	COMPANY, LEDGER, CLEARING ORGANIZATION, CURRENCY
	CHANGE IN VALUE - NETTED POSITIONS (by COMPANY, LEDGER, CLEARING ORGANIZATION, CURRENCY)
	CHANGE IN VALUE - SETTLED POSITIONS (by COMPANY, LEDGER, CLEARING ORGANIZATION, CURRENCY)
	TOTAL CHANGE IN VALUE - NETTED POSITIONS (by COMPANY, LEDGER, CURRENCY)
	TOTAL CHANGE IN VALUE - SETTLED POSITIONS (by COMPANY, LEDGER, CURRENCY)

This report lists changes to outstanding CNS positions. The report is generated in the overnight batch. The following activity codes are reported:

- AL allotment
- BI buy-in washout
- EN entitlement
- NT netting
- PM participant merge
- ST settlement (BNS and real-time)

10.10 Value-dated CNS Position Update report

Report ID	000394
Available	7:00 a.m. ET (5:00 a.m. MT, 4:00 a.m. PT) daily
Data currency	Beginning of day
Retention period	35 days

Sort order	COMPANY, LEDGER, CLEARING ORGANIZATION, CURRENCY, SECURITY ID, TIMESTAMP
Aggregation	COMPANY, LEDGER, CLEARING ORGANIZATION, CURRENCY
	CHANGE IN VALUE - NETTED POSITIONS (by COMPANY, LEDGER, CLEARING ORGANIZATION, CURRENCY)
	TOTAL CHANGE IN VALUE - NETTED POSITIONS (by COMPANY, LEDGER, CURRENCY)

This report lists changes to value-dated CNS positions. The report is generated in the overnight batch. The following activity codes are reported:

- AL allotment
- EN entitlement
- MV movement of a value-dated CNS position that reached value date
- NT netting
- PM participant merge

CHAPTER 13

Entitlement reports

The entitlement reports contain information on the entitlement events that occur for securities, including maturity and interest events.

The table below indicates the entitlement reports and report IDs.

Report	Report ID
1042-S Reporting – Detail report	000234, 000091
Called Positions report	000209
CDS Expiry Date – Upcoming Events List report	REPORT01930
Claims for Outstanding Trades and CNS Positions report	000238
Claims for Settled Trades and Outstanding CNS Positions report	000369
Daily Tender – Payment Tracking Report	000106
Due Bill Calculation report	000239
Dutch Auction Tender report	000105
Event Calendar report	000086
Event Inquiry report	000085
Holders of Record for Events report	000205
Holders of Record for Extendible Commercial Paper report	000123
Overnight Payment Release report	000217
Projected Payment Rejection Report – Transfer Agent	000367
Projected Payment Report for Participants	000201
Projected Payment Report for Paying Agents	000203
Rejected Option Selection Instruction Report – Depositary Agent	000250
Rejected Option Selection Instruction Report – Participant	000251
Rights Distribution Eligibility Report – Depositary Agent	000252
Rights Distribution Eligibility Report – Participant	000253
Security Loan Items – Entitlement Details report	000171
Security Loan Items – Upcoming Entitlements report	000172
Subscription Breakdown Report – Depositary Agent	000254
Subscription Breakdown Report – Participant	000255
Summary of Consolidated Payment report	001912
Summary of Payment Release report	000219
Summary of Projected Payment Report for Participants	001910
Summary of Projected Payment Report for Paying Agents	001911
Tender Breakdown Report – Depositary Agent	000213
Tender Breakdown Report – Participant	000282

Report	Report ID
Trade Conversion Report – BOD	000268
Trade Conversion Report – EOD	000222
Unreleased and Pending Entitlement Payments report – Transfer Agent	000535
U.S. Source Income Events Payment Breakdown report 000555, 00	
U.S. Withholding Tax Pool Allocation report	002367

13.1 1042-S Reporting – Detail report

Report ID	000234 (company level)
	000091 (ledger level)
Available	Monthly
Data currency	End of day
Retention period	Seven years
Sort order	None
Aggregation	None

This report is generated at the ledger level and lists U.S. withholding tax records for Canadian participants. The report lists the taxes withheld on their behalf for the year (based on their QI status and tax elections), the details of the taxes withheld, the status of the tax instructions and 1042-S income reported.

13.2 Called Positions report

Report ID	000209
Available	Daily
Data currency	End of day
Retention period	Seven years
Sort order	LEDGER, EVENT TYPE, SECURITY NUMBER
Aggregation	None

This report lists the record date position and the number of securities called for a partial call event for a particular participant.

13.3 CDS Expiry Date – Upcoming Events List report

Report ID	REPORT01930
Available	Daily
Data currency	Beginning of day

13.33 Unreleased and Pending Entitlement Payments report – Transfer Agent

Report ID	000535
Available	At scheduled intervals after 12:00 p.m. ET (10:00 a.m. MT, 9:00 a.m. PT) daily
Data currency	Intraday
Retention period	Seven years
Sort order	CURRENCY, PAYABLE DATE, FUNDS AMOUNT, SECURITY ID, PAYING AGENT
Aggregation	None

This report lists all entitlement events, on payable date, that are unreleased or payment pending for transfer agents using automated payment reconciliation.

This report is available to transfer agents who subscribe to projected payment reconciliation.

13.34 U.S. Source Income Events Payment Breakdown report

Report ID	000555 (end of day)
	002259 (beginning of day)
Available	Daily
Data currency	End of day
	Beginning of day
Retention period	Seven years
Sort order	EVENT TYPE, SECURITY NUMBER, OPTION NBR
Aggregation	None

This report lists a summary of entitlement activity for U.S. withholding tax, including the gross payment for an event, the taxes withheld and the net payment.

If the event is set up and confirmed prior to payable date with the payment mode of overnight, the payment breakdown information is contained in the beginning-of-day report on the morning of payable date. If the event is set up and confirmed prior to payable date with the payment mode of intraday, or if the event is created on payable date and payment is released or disbursed on payable date, the payment breakdown information is contained in the end-of-day report on the morning of payable date+1.

13.35 U.S. Withholding Tax Pool Allocation report

Report ID	002367
Available	Daily

CHAPTER 16

International reports

The international reports include details of transactions related to the following international services:

- DTC Direct Link Service
- New York Link Service.

For more information about these services, refer to the appropriate international manual.

The table below indicates the international reports and report IDs.

Report	Report ID
ACT Billing report	000357
CDS Trading Blotter – Dropped Trade report	000267
CDS Trading Blotter – Unmatched Trade report	000933
CNS Accounting Summary report for DTCC	003409
CNS Cash Reconciliation Statement report	003401, 003408
CNS Daytime Miscellaneous Activity report	003426
CNS Dividend Activity report	003405
CNS Due Bill Activity report	003411
CNS Miscellaneous Activity report	003402
CNS Position Report Prior to Day Cycle	003414
CNS Position Report Prior to Night Cycle	003413
CNS Projection report	003406
CNS Receive/Deliver Instruction report	000198
CNS Record Date report	003403
CNS Settlement Activity Statement report	003404, 003407
Credit Summary Listing report	003420, 003423
Deliver and Receive Settlement Activity report	003430
Deliveries Received and Debited (DSS) report	003419, 003422
Deliveries Received and Debited (IESS) report	003416
Dividend Reorganization Cash Settlement Items report	003432
Domestic Index Receipt report	003429
International Delivery report	000142
International Ledger Reconciliation Report for DTCC Actual Balances	000778
Locked-In Trade Exception report	001890
NASDAQ/FINRA – ACT Compliance report	00359

Report	Report ID
Participant Daily Activity Statement report	003428
Participant Settlement Super Statement – DTC/NSCC report	003440

16.1 ACT Billing report

Source	CDS
Report ID	00357
Available	Monthly
Data currency	Month end (end of day)
Retention period	Seven years
Sort order	MPID
Aggregation	None

This report provides a breakdown of billable items for each MPID for a particular billing period.

16.2 CDS Trading Blotter – Dropped Trade report

Source	CDS
Report ID	000267
Available	Daily
Data currency	Yesterday
Retention period	Seven years
Sort order	SECURITY NBR
Aggregation	None

This report lists any unmatched trades that are past their value date and were dropped from the CDS Trading Blotter – Unmatched Trade report.

16.3 CDS Trading Blotter – Unmatched Trade report

Source	CDS
Report ID	000933
Available	Daily
Data currency	Yesterday
Retention period	Seven years
Sort order	SECURITY NBR
Aggregation	None

16.5 CNS Cash Reconciliation Statement report

Source	DTCC	
Report ID	003401 (preliminary)	
	003408 (final)	
Available	11:00 p.m. ET (9:00 p.m. MT, 8:00 p.m. PT) for the preliminary report	
	3:00 p.m. ET (1:00 p.m. MT, 12:00 p.m. PT) for the final report	
Data currency	Trade date+2	
Retention period	Seven years	
Sort order	MONEY RECAP, MARKET VALUE RECAP, SETTLEMENT RECONCILIATION	
Aggregation	DEBIT and CREDIT totals for MONEY RECAP	
	LMV (long market value) and SMV (short market value) totals for MARKET VALUE	

The report is divided into the following sections:

- Money Recap Details yesterday's closing money balances, the value of all trades due for settlement today, any miscellaneous money entries and any cash dividends payable today. The entries are netted to produce a closing money balance for settlement today.
- Market Value Recap Reflects the net market value of all night cycle activity and all "open" positions before the day's cycle settlement activity takes place.
- Settlement Reconciliation Nets the money balance with the participant's open positions to calculate its current money settlement (line 18) before daytime activity occurs.

Line 18 of the preliminary report indicates the current money settlement value before daytime settlement and is one component of the cash settlement worksheet. The final report assists the participant in reconciling the CNS money settlement from the previous business day. It includes the intraday activity not available on the preliminary statement.

The recycle activity is posted to lines 19 and 20 to compute the final CNS money settlement. The recycle activity is detailed in the CNS Settlement Activity Statement report.

16.6 CNS Daytime Miscellaneous Activity report

Source	DTCC
Report ID	003426
Available	4:00 p.m. ET (2:00 p.m. MT, 1:00 p.m. PT)
Data currency	Current day

Sort order	Security number
Aggregation	TOTAL (for each security by account)

This report lists the following daily activities by security name and number:

- Last date when activity occurred
- Opening position level
- Type of activity that occurred (e.g., a security out to transfer, a security segregated from general free account or a security that is involved in a loan pledge)
- Closing position level.

Any discrepancies between the activities listed in the participant's records and those listed on the report must be reported to DTCC's Reconciliation department as soon as possible.

In addition, this report lists a monthly position statement showing the status of all securities positions, including those where no activity occurred during the month. Participants must confirm the accuracy of the monthly position statement in writing within 10 business days after the statement is available.

16.27 Participant Settlement Super Statement – DTC/NSCC report

Source	DTCC
Report ID	003440
Available	Daily
Data currency	Yesterday
Retention period	Seven years
Sort order	SUMMARY BALANCES, ACTIVITY BALANCES
Aggregation	DTC TOTALS, NSCC TOTALS, NET BALANCE, ACTIVITY BALANCE, POST ACTIVITY, FUNDS TRANSFER, SUSPENSES, ADJUSTMENTS, SPONSORED ADJ, BALANCE, SUB TOTALS, GRAND TOTALS

This report lists daily activities and the amounts to be paid or received by the participant during payment exchange.

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CHAPTER 1

Introduction to CDS

CDS Clearing and Depository Services Inc. (CDS) is the designated central clearing corporation for all eligible debt and equity securities in Canada. CDS provides a variety of automated services for financial institutions active in Canada and international capital markets. This manual is designed to assist participants in the following tasks:

- Familiarizing themselves with CDS
- Setting up their companies with CDS
- Setting up their users with access to CDS's online systems
- Accessing and using CDSX and its related functions
- Inquiring on their customer profiles
- Managing their financial risk.

1.1 Administrating access to CDS's systems and services

CDS is responsible for setting up initial access to online systems and services. Once this initial setup is complete, CDS participants are responsible for the following:

- Connecting and logging on to CDS's online systems. For more information, see <u>Using CDS systems</u> on page 20.
- Designating customer security administrators and service access administrators to set up and manage their users. For more information, see <u>Administrating online</u> access on page 46.
- Arranging for access to CDS premises, which requires authorized signing officers, and messenger ID passes. For more information, see <u>Setting up access to CDS</u> <u>premises</u> on page 82.
- Registering for the CDS services that support their activities at CDS. For more information, see Registering and withdrawing from CDS services on page 86.

1.2 Participant roles and responsibilities

A participant's role determines whether they have access to specific CDS services or CDSX functions.

Refer to the *Participant Rules* for more information on participants' roles, qualifications, obligations, representations and warranties in terms of the activities or functions performed in CDSX.

CHAPTER 6

Setting up access to CDS premises

When setting up initial access to CDS services and premises, participants must arrange to have:

- Authorized signing officers on page 82
- Messenger ID passes on page 83

6.1 Authorized signing officers

Participants must file a written authorization with CDS with the names and specimen signatures of the individuals who are authorized to act on their behalf for CDS services. Any two authorized signing officers may notify CDS of the appointment of another individual as an authorized signing officer. Each appointment remains in effect until CDS receives a written notice revoking the signing officer's appointment.

An authorized signing officer may at any time file a written authorization with CDS of the names and signatures of individuals who may act on behalf of the participant (e.g., messengers).

To authorize an individual as an authorized signing officer:

- 1. Prepare the following documents on company letterhead:
 - A list indicating the names of the individuals being authorized, the name of the participant and the participant CUID.
 - Include a specimen signature for each individual on the list.
 - A cover letter to be signed by two authorized signing officers of the participant, requesting any additions, changes or deletions.
- 2. Notify the CDS regional managers by sending each of them a copy of the list.

The initial list of authorized signing officers for a participant is attached as Schedule B of the *Participant Rules*.

To revoke the authorization of a signing officer:

- 1. Prepare a notice of revocation on participant letterhead.
- 2. Deliver the notice to CDS's Head Office, Depository Services, Toronto.

6.2.2 Revoking or terminating a messenger ID pass

To revoke an employee's authorization, cut off the signature portion of the messenger ID pass and return the card to the CDS Security Station, accompanied by a letter of authorization on company letterhead.

CDS considers all messenger ID passes valid until otherwise notified.

6.2.3 Notifying CDS about a lost messenger ID pass

If a messenger ID pass is lost, present a letter of authorization on company letterhead signed by an authorized signing officer. The letter must include the following:

- Today's date
- The participant CUID
- The messenger name
- The messenger's sample signature.

Upon receipt of the letter of authorization, CDS Clearing Operations will:

- 1. Compare the authorized signature with that in the Schedule B signature database and place their initials next to the authorized signature to indicate its authenticity.
- 2. Make three photocopies of the letter and distribute them to Banking, Transfer Operations and the messenger.

The original copy is placed near the window in full view of all Clearing Operations personnel.

The letter of authorization is valid only for the days it is issued.

Note: Participants who subscribe to the Entitlements Messaging Service are billed directly by SWIFT. This requires participants to complete the appropriate SWIFT forms. Contact Customer Service to coordinate the completion of the forms.

7.14 Euroclear France Link Service

The Euroclear France Link Service is a unilateral custody link established by CDS with Euroclear France to facilitate book-based movements of French securities (eligible for the Euroclear France Link Service) between the two depositories.

To register or withdraw from the service, participants must complete the CDS Online Services Support – Service Eligibility Details Ledger Functions form (CDSX798).

For more information, refer to International Services Procedures.

7.15 File Transmission Service

The File Transmission Service provides end-of-day and beginning-of-day CDSX transaction details, security and entitlement information for domestic and international activities. For more information on the file services available, refer to CDS Batch and Interactive Services – Technical Information.

Participants register for this service by completing the Data Transmission Request form (CDSX218).

7.16 InterLink

InterLink is a service that provides CDSX participants who have MQ series (an IBM messaging product) with an alternative to the 3270 terminal. For more information on InterLink messaging, refer to CDS Batch and Interactive Services – Technical Information.

Participants register for this service by completing the following forms:

- InterLink Service Message Request (Participant) (CDSX377)
- InterLink Service Message Request (Custodian) (CDSX757).

7.17 Limited Functionality Depository Ledger Service

Participants who require the use of a depository ledger for segregation can have limited access to CDSX. Each participant:

- Must have a separate CUID and ledger account for securities (a line of credit cannot be assigned to this separate CUID and ledger)
- Can make no more than an average of five deliveries per business day to or from the account during any month

- 2. If the pledge has a DK status, the participant submitting the pledge must change the details and the participant accepting the pledge must confirm the change.
- 3. When both parties are satisfied with the pledge details, they arrange for an exchange of funds (if any) against the pledge.
- 4. The participant accepting the pledge confirms the renewed pledge online.

Once confirmed, the pledge settles if sufficient security positions exist.

4.8 Requesting partial settlement

When modifying an existing pledge or correcting a DK'd pledge, the participant submitting the request must release a holding cheque either partially or in full against the receipt of new securities and/or cash.

Note: The amount of funds to be partially released by the lender in a partial settlement is equal to the ACV value of the securities received in the partial settlement.

Eligibility criteria

The system processes the request for partial settlement only if the following criteria are met:

- The pledge is confirmed, with a value date of the current day
- The pledge modification consists of the release of a holding cheque (partial or full amount) against the increase of two to ten security items
- There are no other funds changes, e.g., an interest charge, a transfer amount or an increase in a holding cheque
- The lender's account type for settlement of all items is the unrestricted collateral account or the restricted collateral account
- The partial settlement indicator is set to Y, for Yes. A partial pledge settlement can be made only before payment exchange because holding cheque items cannot be entered after payment exchange
- The holding cheques are in Canadian currency.

If the above criteria are not met, the system processes the settlement in the normal manner by releasing the funds only if all the securities being substituted are present in the borrower's ledger.

The pledge modification settles only when all the securities being substituted have been delivered to the borrower.

CDSX runs separate payment exchanges for Canadian and U.S. dollar activities. Both payment exchanges are expected to start at 4:00 p.m. ET (2:00 p.m. MT, 1:00 p.m. PT). However, for various reasons, the start and end of the payment exchanges may be altered for one or both currencies.

1.5 Trade Matching service

The Trade Matching service provides an alternative method of confirming non-exchange trades where the trade type is DP (direct participant) and both parties to the trade are eligible for trade matching. The acceptor is not required to wait for the submitter to enter trade details as both parties can submit the same trade details in CDSX. The service matches the trades, deletes the original trades and replaces them with a new confirmed trade. Participants need only manage exceptions (i.e., unconfirmed trades). A lock in process ensures that all trades are confirmed within one business day of entry.

For more information, see <u>Trade matching</u> on page 45.

1.6 Matched Institutional Trade Interface service

The Matched Institutional Trade Interface service enables institutional trades to be matched by a virtual matching utility (VMU) and then submitted to CDS. Acceptable trades are then created in CDSX as confirmed non-exchange trades.

For more information, see <u>Matched Institutional Trade Interface</u> on page 57.

1.7 CDS/DTC Cross-Border Movement Service

A cross-border movement is a book-entry transaction between CDS and The Depository Trust Company (DTC). This service is used by CDS participants to move security positions between CDS and DTC.

For more information, refer to CDS/DTC Cross-Border Movement Service Participant Procedures.

1.8 International deliveries

The International Message Hub (IMHub) manages the processing of international deliveries for the following services:

- Euroclear France Link
- SEB Link.

For more information, refer to *International Services Procedures*.

Application for Participation: Schedule C Selection of Services

	Initial Filing	Update Filing
	 -	
To:	CDS CLEARING AND DEPOSITORY SE	RVICESLIMITED
From:	Name of Applicant (Participant)	
We	apply to use the following Services offered	I by CDS:
Set	tlement Services:	
	CDSX	DTC Direct Link Service
	New York Link Service	CNS
Rep	porting Services:	
	ACT	Strip Bond Report Service
	ATON (includes use of ATON within CDSX)	Trade Matching*
Info	rmation Services:	
	Bulletins	Entitlements Messaging
	CDSX Entitlements Data Feed	CDSX Security Master File (SMF)
Othe	er Services:	
	Delivery Services	Onsite Contingency Service
	SOLA	on the containing on the
	InterLink	Cross-border Service
]	(not a member of the NYL/DDL Services)
	CANNEX	
*Manda	atory for all IIROC members. Non-IIROC members also mus	st complete form CDSX800.
	,	
Name	of Applicant (Participant)	_
Signatu	re of Signing Officer	_
2.5.1010		
Name	and Title of Signing Officer	_
rame	and this or organity officer	
Date	CDSX789 (09/09)	-

Application for Participation: Appendix B Example of Bank Reference Letter

(To be prepared on the letterhead of the Financial Institution)

Date
CDS Clearing and Depository Services Inc. 100 Adelaide Street West Toronto, Ontario M5H 1S3
Attention: Corporate Secretary
Dear Sirs:
Subject: (Name of Applicant applying for Participation in CDS)
We are pleased to provide this letter of reference in unqualified support of (Name of Applicant applying for Participation in CDS application for approval as a participant in the clearing and depository services of CDS Clearing and Depository Services Inc. This will confirm that (Name of Applicant applying for Participation in CDS) has maintained current accounts in good standing at (Name of Financial Institution) since (Date).
Should you have any further questions, please do not hesitate to contact me at (<i>Telephone Number</i>).
Yours very truly,
Name of Financial Institution Representative Title Telephone Number Facsimile Number E-mail Address
CDSX792 (10/06)

Application for Participation: Appendix C Example of Self-Regulatory Organization (SRO) Reference Letter

(To be prepared on the letterhead of the Self-Regulatory Organization, if applicable)

Date

CDS Clearing and Depository Services Inc. 100 Adelaide Street West Toronto, Ontario M5H 1S3

Attention: Corporate Secretary

Dear Sirs:

Subject: Certificate of Good Standing

This letter will confirm that (Name of Applicant applying for Participation in CDS) ("the Applicant") is a member of good standing has satisfied the following requirements of the (Name of Self-Regulatory Organization) ("the audit jurisdiction SRO"):

- The Applicant has in force a Financial Institution Bond satisfactory to the audit jurisdiction SRO;
- 2. The Applicant is duly registered and in good standing with the audit jurisdiction SRO; and
- 3. To the best knowledge and belief of the senior executive officer responsible for member financial regulation at the audit jurisdiction SRO, the Applicant is in compliance with all applicable requirements.

If you have any further questions, please do not hesitate to contact me at (Telephone Number).

Yours very truly,

Name of SRO Representative Title Telephone Number Facsimile Number E-mail Address

CDSX793 (10/06)

Application for Participation: Appendix D Example of Canadian Payments Association Reference Letter

(1	Го	be	prepared on the letterhead of the Canadian Payments Association, if applicable)	ı

Date

CDS Clearing and Depository Services Inc. 100 Adelaide Street West Toronto, Ontario M5H 1S3

Attention: Corporate Secretary

Dear Sirs:

Subject: (Name of Applicant Applying for Participation in CDS)

This letter will certify that (Name of Applicant applying for Participation in CDS) is a direct clearer and Large Value Transfer Service user.

If you have any further questions, please do not hesitate to contact me at (Telephone Number).

Yours very truly,

Name of Canadian Payments Association Representative Title Telephone Number Facsimile Number E-mail Address

CDSX794 (10/06)

Application for Participation: Appendix E Appointment and Authorization of Service Bureau

To: CDS CLEARING AND DEPOSITORY SERVICES INC.("CDS")

		(the "Service Bureau")
Con ion Duranu Con	tart Damon	Phone Number
	ehalf of the Participant's tra	ansactions effected through the Services for CDS, as the term "Servi greement and Service Rules of CDS (the "CDS Rules").
authorization or instr Bureau which are in Until and unless th	uction for Participant's act dentified by the Participant is Appointment and Auth	cts CDS to accept and rely upon every communication, transactivities in the Services ("Communications") submitted through the Sert's Authentication Mechanism (as such term is defined in the CDS Runorization is amended or terminated, CDS may accept and rely use Bureau in the same manner as if such Communications came directly.
The Participant furth writing by Participa	er authorizes and directs (ant) in addition to Part	ble, and initial the change.) CDS to provide to the Service Bureau, rather than, or (only if requeste ticipant, confirmations, advises, reports and pother documents actions in respect of the Services.
affects the rights or Authorization shall right delivered, sent by re	obligations of the Partic emain in full force and et gular pre-paid first class ma	
giving written notice known address an	delivered, sent by regular	1S3, Attention: Chief Legal Officer, fax number (416) 365-1984, or by 0 pre-paid first class mail or faxed to the Participant at the Participant's ling to CDS' records. The effective time for notice shall be as prescriben time to time.
Dated this	day of	,20 .
Name of Participant	or Applicant for Participati	on
Per:	or Applicant for Participation	

Application for Participation: Appendix H Form of Legal Opinion (Foreign Institution wishing to Participate in CDSX)

[Date]

[Name, address and firm of Attorney providing the opinion]

CDS Clearing and Depository Services Inc. 100 Adelaide Street West Toronto, Ontario M5H 1S3

Attention: Chief Legal Officer

Bank of Canada 234 Wellington Street Ottawa, Ontario K1A 0G9

Attention: Assistant General Counsel

Dear Sir:

Re: Opinion Relating to Participation of (the "Applicant") in the CDSX

In this opinion, the following terms have the meanings set out below:

- "Canadian Branch" means the Canadian branch or branches to be established by the Applicant; [delete if not applicable]
- "Clearing House" means an entity, other than the Bank of Canada or a stock exchange, which provides
 clearing or settlement services for a Canadian clearing and settlement system, whether or not such entity is
 a Central Counter-Party;
- "CDS" means CDS Clearing and Depository Services Inc., being the Clearing House for the CDSX;
- "CDSX" means the domestic clearing, settlement and depository services of CDS, being a designated clearing and settlement system within the meaning of the Payment Clearing and Settlement Act (Canada);
- "CDSX Participant" means a Participant in the CDSX, as determined in accordance with the Participant Agreement and Rules;
- "Incorporating Jurisdiction" means the jurisdiction named in paragraph 1 below, under the laws of which the Applicant is incorporated or otherwise established;

Application for Participation: Appendix L Matched Institutional Trade Interface Service — Appointment and Authorization of Virtual Matching Utility (VMU)

To: CDS CLEARING AND DEPOSITORY SERVICES INC. ("CDS")

a Participant of CDS (the	e "Participant") here	by appoints:			
		7717		(the "VMU '	')
VMU Contact Person		Phone Number	Emai	l Address	
to report matched trades to defined in the Participant Rule			through the Sei	rvices of CDS, as th	ose terms are
The Participant hereby author matched trade to be settled be and unless this Appointment a	y the Participant through	n the Services ("Instruction	ons") which is su	ubmitted to CDS by	
The Participant further author confirmations, advises and re (Confirmations).					
The Participant acknowledge affects the rights or obligation shall remain in full force and notice delivered, sent by regulated Attention: Chief Legal Officer delivered, sent by regular preperson according to CDS' reamended from time to time. on: (i) the second business dain the notice); or, (ii) on such legal control of the second business dain the notice); or, (iii) on such legal control of the second business dain the notice); or, (iii) on such legal control of the second business dain the notice); or, (iii) on such legal control of the second business dain the notice); or, (iii) on such legal control of the second business dain the notice); or, (iii) on such legal control of the second business dain the notice); or, (iii) on such legal control of the second business dain the notice); or, (iii) on such legal control of the second business dain the notice); or, (iii) on such legal control of the second business dain the notice); or, (iii) on such legal control of the second business dain the notice); or, (iii) on such legal control of the second business dain the notice); or, (iii) on such legal control of the second business dain the notice); or, (iii) on such legal control of the second business dain the notice); or, (iii) on such legal control of the second business dain the notice); or, (iii) on such legal control of the second business dain the notice); or, (iii) on such legal control of the second business dain the notice); or, (iii) on such legal control of the second business dain the notice); or, (iii) on such legal control of the second business dain the notice); or, (iii) on such legal control of the second business dain the notice); or, (iii) on such legal control of the second business dain the second	as of the Participant and effect until terminated lar pre-paid first class m fax number (416) 36 paid first class mail or facords. The effective tim The termination of this A y following the effective	CDS as set forth in the by either (i) the Participal or faxed to CDS at 105-1984; or, (ii) CDS on axed to the Participant at the for notice shall be as appointment and Authoriz date of the notice (notwit	CDS Rules. The pant on no less 00 Adelaide St. no less than the tithe Participant's prescribed in the participant prescribed in the participant station shall be expressed.	his Appointment and than three business West, Toronto, Ont tree business days is last known addre the CDS Rules as ffective as of the st	d Authorization days' written tario M5H 1S3, written notice as and contact they may be art of business
The termination of this Appoin CDS and the Participant in concept Authorization but not yet settly acknowledges that Unsettled Participant authorizes CDS to that such Confirmations are participant.	onnection with) any trade ed as of the effective tin Frades may be settled su provide Confirmations	es already reported to Cl ne of the termination (the ubsequent to the terminat to the VMU relating to the	DS by the VMU e "Unsettled Tra tion of this Appoine status of the	pursuant to the Apdes"). The Participa ntment and Authori Unsettled Trades r	ppointment and ant accordingly zation, and the
Dated this	day of		, 20	.•	
Name of Participant					
Per:					
Name and Title of Authori	zed Signing Officer				
Per:					
Name and Title of Authori	zed Signing Officer		_ _		
				CDSX8	08 (10/06)

Please photocopy this form	
onto your company letterhead, a	fter
blocking out this box.	

		Г	Date:	
Го:	The Canadian Depository for Securities Limited 100 Adelaide Street West, Toronto, Ontario M5H 1S3			
Attention:	Customer Service			
Re:	Replacement Designation of Signing Officers			
Officers and to act on be	d designate each of chalf of us for all pu chis or her name and	the individuals named belo rposes of the Services, and	ce our previous designation of Signing wour new Signing Officer authorized certify that he or she holds the office set opposite his or her name is his or	
Na	me	Title	Specimen Signature	
	-		nation of Signing Officers until a new vith CDS Service Rule 3.1.1.	
		\overline{S}	igning Officer*	
		$\frac{1}{S}$	igning Officer*	

^{*} Signatures must be from 2 previous designations



Data Transmission Request

Action: Add Change Delete			Company name:						
Com	pany code:	Unit:							
Lodo									
Ledg	er:								
Othe	er:								
Inb	bound transmission (from participant to CDS)								
	Trade Ent	try Intl. Ledger Reconciliation Trade Co	nfirma	tion	Projected Payments File GIC Funds - only Trade File (CANNEX)				
	Ledger R	econciliation Intl. Trade Reconciliation ACT Trade	de File		DRIP Price Inter-account movement				
Out	bound t	ransmission (from CDS to participant)							
✓	Record	cord Description			Description				
V	subtype Deposit f	ile (EOD) (0004) (all)	√	subtype	Trade file (0009) (BOD) (all) continued				
	0040	Unconfirmed security deposits		0006					
	0041	Purged funds deposits and rejected security/funds deposits		0096 0097	IXCA - new trades LONT - new trades				
		exchange file (0012) (BOD) (all)		0098	CX2 - new trades				
	0071	Domestic exchange trade reconciliation file		0030	Trade file (0002) (EOD) (all)				
	0072	Domestic exchange trade reconciliation file - sub-participant		0023	Exchange trades - modified and outstanding trades				
	Ledger u	pdate file (0001) (EOD) (all)		0024	Exchange trades - deleted/purged trades				
	0001	Mark-to-market		0028	Non-exchange trades - unsettled (confirmed, unconfirmed) trades				
	0002	Confirmed security deposits, confirmed funds deposits		0029	Non-exchange trades - deleted/purged trades				
	0003	Unconfirmed, confirmed and rejected withdrawals			Withdrawal file (0005) (EOD)				
	0004	Trade settlement		0050	Unconfirmed withdrawals				
	0005	Pledge settlement		File type	Other outbound CDSX files				
	0006	Deposit or withdrawal adjustment		0031	CNS activity file (BOD)				
	0007	Ledger adjustment		0006	CNS activity file (EOD)				
	8000	Inter-account movements		0010	CNS EOD position record file				
	0009	CNS settlement		0011	Custodian ledger reconciliation file				
	0010	Payment exchange transactions		0015	Custodian position file				
	0011	Entitlement payments and receipts		0017	Daily ITP statistics file				
	0013	Funds transfer		0018	Daily ITP trade detail file				
	0014	Currency service transaction		7040	Entitlement file - complete				
		e (0003) (EOD) (all)		7041	Entitlement file - changes				
	0030	Existing (settled) pledges		0021	Extended failed trades - IIROC				
	0031	Future-dated pledge transactions		0024	Final projected payments file				
	0032	Deleted/added loan items		0014	Ledger balances - proxy record date				
	0033	Deleted/purged pledges		8000	Ledger positions file				
		(0009) (BOD) (all)		7050	NSCC continuous net settlement account summary extract file				
	0020	CDCC - new trades		7050 0023	Participant profile file Projected payments matching file				
	0025	TSE/CDNX - new trades		7030	Security master file - complete				
	0026	CNQ - new trades TCM - new trades		7030	Security master file - changes				
	0027	Non-exchange trades - unsettled, received after file type 28 is produced		0016	1042-S reporting - detail file (monthly) Company Ledger				
	0070	CXD - new trades		1000	DRIP price rejects				
	0080	LYNX - new trades		0025	CNS fails to deliver detail file				
	0090	PURE - new trades		0028-01	NSCC UTC MRO trade capture data file				
	0091	CHIX - new trades		0028-02	NSCC Consolidated Trade Summary (CTS) CSV				
	0092	OMEG - new trades		0028-03	NSCC Consolidated Trade Summary (CTS) MRO				
	0093	AATS - new trades							
	0094	NEOE - new trades							
	0095	TMXS - new trades		<u> </u>					



InterLink/SWIFT Service – Message Request

CDS Participant Requestor:	CUID:	Ledge	r:	
Contact Name:	Phone number:			
Third party service provider (if appl	licable):		Destin (manda	ation: tory)
Local Queue:		Queue manager:		
InterLink service subscription:	Changes to current service	e requirement:	Date:	
				(YYYY/MM/DD)
SWIFT service subscription:	Changes to current service	e requirement:	Date: _	
				(Y <i>YYY/MM/DD</i>)
BIC code:	Authorized signature:			

Message name	Message number	CDS inbound/ outbound	Your CUID	Third party (✓)	Add (✓)	Remove (✓)
Broadcast Notification Message	CDSN01N	0				
Ledger transfer						
Funds Transfer Entry	CDSA010	I				
Funds Transfer Reject	CDSA01R	0				
Funds Transfer Confirm	CDSA01C	0				
Funds Transfer Notify	CDSA01N	0				
Inter-account movement		<u>.</u>				
Inter-Account Movement Entry	CDSA020	I				
Inter-Account Movement Reject	CDSA02R	0				
Inter-Account Movement Confirm	CDSA02C	0				
Inter-Account Movement Notify	CDSA02N	0				
Non-exchange trade						
Non-Exchange Trade Entry	CDST010	I				
Non-Exchange Trade Reject	CDST01R	0				
Non-Exchange Trade Confirm	CDST01C	0				
Non-Exchange Trade Notify	CDST01N	0				
Non-Exchange Trade Modify	CDST100	I				
Non-Exchange Trade Modify Rejection	CDST10R	0				
Non-Exchange Trade Modify Confirmation	CDST10C	0				
Non-Exchange Trade Modify Notification	CDST10N	0				
Non-Exchange Trade Settlement Notification	CDST90N	0				
Ledger		<u>.</u>				
Ledger Position Update Notification	CDSU01N	0				
Default CUID required:						
Pledge						
Pledge Entry	CDSP020	I				
Pledge Modify	CDSP200	I				
Pledge Seizure	CDSP210	I				



CDS – Online Services Support – Service Eligibility Details Ledger Functions

Company code:	Company name:								
Ledger:									
Service Descriptio	n	Eligil	oility		Et	fectiv	e Dat	:e	
CNS POSN Reporting (CDS)	(01N)	Yes	No	Υ	Υ	M	M	D	D
Domestic - CNS CAD		Yes	No	Υ	Υ	M	M	D	D
Domestic - CNS USD		Yes	No	Υ	Υ	M	M	D	D
DTC - Delivery Free		Yes	No	Υ	Υ	M	M	D	D
EOC - Delivery Free		Yes	No	Υ	Υ	M	M	D	D
SEB - Delivery Free		Yes	No	Υ	Υ	M	M	D	D
Signature:				Date	:				

CDS Clearing and Depository Services Inc. CDSX798 (05/07)



Schedule A Event Claim Form

The Canadian Depository for Securities Limited 100 Adelaide St. W. Toronto, Ontario M5H 1S3

Participant name:	
CUID(s) affected:	Location:
Completed by:	Phone number:
Today's date:	Date of the event:
Dollar amount of claim:	Claim calculation:
Supporting documentation attached	
Action taken to minimize loss:	

Please email the completed claim form to your CDS Relationship Manager.

Note: Please include a detailed description of the event on your company letterhead. All supporting documentation should be forwarded with this form.

Issuer Letter of Authorization

	Date:
CDS Clearing and Depository Services Inc. 100 Adelaide Street West Toronto, Ontario M5H 1S3 Canada Attention:	
To whom it may concern:	
In connection with the issuance by	(the "Issuer") of its corporate Spanish debt
securities (), the I	ssuer and as guarantor
	rm that Acupay System LLC ("Acupay") is their agent and authorize
CDS Clearing and Depository Services Inc. ("CDS")	to furnish Acupay with such information pertaining to the
holdings of CDS participants in the said securities as	s would be reflected on a Holders of Record Report, or a similar
report utilized for the same purpose, and their election	ons for tax relief on such positions in order to facilitate the tax
withholding and exchange processing certification p	rocedures as fully described in the Issuer's Offering Memorandum
dated in resp	pect of the said securities.
Issuer	Guarantor
Signature	Signature
Name	Name

Issuer Legal Opinion Cover Letter

Date:

CDS Clearing and Depository Services Inc. 100 Adelaide Street West Toronto, Ontario M5H 1S3 Canada Attention: To whom it may concern: We have acted as Spanish legal counsel to ______ (the "Issuer"), for purposes, among others, of issuing a legal opinion (the "Opinion"), addressed to the Issuer in connection with the issuance (the "Bank"). The Opinion is attached as Schedule 1, the following being some important highlights: According to Law _____, the issuance of the securities by the Issuer will be subject to certain reporting requirements, (which include disclosure of the identities of the holders and the activities performed by the Issuer). These disclosure obligations were implemented by ______ (full title of law in English and date) (full title of law in Spanish and date) as amended by (full title of law in Spanish and date) The Issuer, the Bank and the Fiscal and Paying Agent have agreed upon certain procedures with the relevant clearing system (i.e., CDS Clearing and Depository Services Inc. or "CDS") and with Acupay System LLC ("Acupay") (as described under (i) the heading "Taxation – Spanish Tax Considerations – Evidence of Beneficial Owner Residency in Connection with Interest Payments", of the Preliminary Offering Memorandum and the Offering Memorandum; (ii) Annex A to the Preliminary Offering Memorandum and the Offering Memorandum; and (iii) the terms of the Acupay Agreement) which, in our opinion, comply with the reporting requirements set forth Since, in our opinion, the procedures referred to in Paragraph ______ of the Opinion comply with the reporting requirements set forth by Law _____ (as amended by Law _____ and Law ____), as confirmed by (name of law in Spanish)

we are of the opinion that CDS will not incur any risk before the Spanish Tax Authorities as a consequence of taking

part in such procedures in the manner described in Annex A to the Preliminary Offering Memorandum and the

Offering Memorandum.



CDS Onsite Contingency Service Application for Subscriber Plan

Го:	The Canadian Depository for Securities Limited ("CDS")						
	100 Adelaide Street West, Toronto, Ontario M5H	153					
	Attn: Customer Service						
From:							
	(the "Subscrib	er")					
The Sul	oscriber applies to subscribe to the CDS Onsite Conting	gency Service (the "Service").					
		,,					
The Sul	oscriber agrees that the monthly standby fees for the S	ervice, plus applicable taxes, will be billed					
	Subscriber monthly and will be charged to the Subscrib						
	harges for the Service, plus applicable taxes, will be ch						
_	icable.						
The Sul	oscriber acknowledges that the Service shall be subjec	t to the Participant Agreement and					
Service	Rules and the procedures and user guides for the Serv	rice.					
This ap	plication is made on behalf of the Subscriber by its dul	y authorized signing officer.					
Signing	officer	Date	, 20				



Notification of Participant Shared (Terminal) Access

To: The Canadian Depository for Securities Limited ("CDS")
100 Adelaide Street West, Toronto, Ontario M5H 1S3
Attn: Customer Service

The following Participants hereby jointly notify CDS that they have agreed to share terminal sites and office space in order to access and use CDS online functions as a backup facility in situations of temporary terminal/system failure in the following way:

will be allowed to access and use CDS online functions		
ipant B:		
(participant name)		
se CDS online functions using their own logon IDs at		
ine access to the other Participant as contemplated nstructions contained in the Participant Shared (Terminal)		
greement between the Participants concerning shared eement and Service Rules and procedures and user		
 Date		
 Date		
 Date		
ned copy of this notification to Information Security		

Effective date:



Web Services Request for CDS Participants

Company name:		Company code:	Mailing address: (street address, city, postal code)
	·		
Contact name:	Phone number:		

CUID	Electronic Alert service	Corporate Action Liability Management service	CDS-DTCC Payment Service	TRAX Trade Confirmation Statistics	TRAX Transfer Requests	New York Link Monitoring service	TRAX Entitlements Tracking

Legal disclaimer

These services are covered by the CDS Participant Rules and Procedures.

Internet related delays or communication/network outages are beyond the control and responsibility of CDS and may delay or disrupt the participant's ability to access the CDS web services and/or web and email alerts created by these services. Participants are responsible for maintaining their internet connections to receive web alerts and/or maintaining and monitoring their designated email addresses to ensure that they receive email alerts.

Email alerts sent by CDS are not encrypted so the confidentiality or security of the information is not guaranteed.

By signing below, the signing officer, on behalf of the participant, accepts the legal disclaimer above and all the terms and conditions for the service as set out in the CDS Participant Rules and procedures.

Customer authorization							
Name:		Title:					
Authorized signature:				Date:			
CDS use only	CDS use only						
Request verified by Customer Service	Name:		Date:				
Authorization verified by Security Systems	Name:		Date:				
Request Completed by Security Systems	Name:		Date:				



Appointment and Authorization of Third Party Trade Reporting (TPTR)

To: CDS CLEARING AND DEPOSITORY SERVICES INC. ("CDS")

a participant of CDS (the "Participant") here	eby appoints:	
		(the "TPTR ")
TPTR Contact Person	Phone Number	Email Address
to report matched trades to CDS on behal are defined in the Participant Rules of CDS		nrough the Services of CDS, as those terms
The Participant hereby authorizes and director a matched trade to be settled by the Pattern and Interest and	articipant through the Services ("Ins	ry instruction or other communication relating tructions") which is submitted to CDS by the rdance with the provisions set out below.
		upon request), in addition to the Participant, rted by the TPTR on behalf of the Participant
affects the rights or obligations of the F Authorization shall remain in full force and days' written notice delivered, sent by regu Ontario M5H 1S3, Attention: Chief Legal C days' written notice delivered, sent by regul known address and contact person accord CDS Rules as they may be amended from	Participant and CDS as set forth effect until terminated by either (i) the participant pre-paid first class mail or faxed officer, fax number (416) 365-1984; ular pre-paid first class mail or faxed ling to CDS' records. The effective in time to time. The termination of the second business day following the	othing in this Appointment and Authorization in the CDS Rules. This Appointment and the Participant on no less than three business of to CDS at 100 Adelaide St. West, Toronto, or, (ii) CDS on no less than three business and to the Participant at the Participant's last time for notice shall be as prescribed in the this Appointment and Authorization shall be a effective date of the notice (notwithstanding as specified in the notice.
of CDS and the Participant in connection Appointment and Authorization but not yet Participant accordingly acknowledges that Appointment and Authorization, and the P	on with) any trades already report settled as of the effective time of t at Unsettled Trades may be sett articipant authorizes CDS to provid	us of (or the respective rights and obligations ed to CDS by the TPTR pursuant to the he termination (the "Unsettled Trades"). The led subsequent to the termination of this e Confirmations to the TPTR relating to the are provided after the termination of this
Dated this day of	, 20	
Name of Participant		
Per:		
Per:		
Name and Title of Authorized Signing Officer		



Confirmation of Registered Holdings Form

The eligible issuer,		its duly authorized officer	or its appointed agent (if applicable)			
	(issuer) hereby requests that C	DS provide a confirmation	n of registered holdings ("Confirmation	") of the security		
(name of officer or agent)						
or securities registered to in the name of the nominee of CDS Clearing and Depository Services Inc. ("CDS Clearing"), CDS & CO., as identified in the attached request						
letter dated (date of request)	and acknowledges that CDS' provision of	such Confirmation(s) is s	subject to the terms and conditions on th	e reverse hereof:		
Fee calculation:						
Calculate the fee for the attached request based on the number of ISINs included in the request: Province (must be						
selected):						
Number of ISINs (first 10)	x \$105.00					
+ Number of ISINs (11 to 30)	x \$53.00					
+ Number of ISINs (over 30)	x \$27.00					
Total ISINs:	Sub-total:					
	Plus 5% GST:					
or 13% HST: <i>(O</i>	N, NL, NB residents only)	(CDS	S GST/HST Registration Number)			
or 14% HST: (P	El residents only)					
or 15% HST: (N	S residents only)	8:	3 0 5 0 7 4 9 7 R T 0 0 0 1			
Plus 9.975%	QST: (QC residents only)					
Note: Calcula to the neares	ated QST amount is rounded up st cent.	(CDS	(CDS QST Registration Number)			
		1:	215325551TQ0001			
Total:						
Method of payment (please choose one):						
Payment enclosed Please make cheque or bank draft payable to: Wire payment (Canadian dollars only) Beneficiary Bank: BANK OF MONTREAL 100 King Street West, Toronto, ON M5X 1A3						
CDS 100 Adelaide Street West SWIFT BIC CODE: BOFMCAM2 Toronto, ON M5H1S3 Beneficiary Acct. No.: 1594-223 Transit No.: 0002(2) Attn: Finance A/R						
Beneficiary: CDS 100 Adelaide Street West., Toronto, ON M5H 1S3						
Issuer/Agent has previously been billed by CDS. Please use the most recent billing information on file. OR						
Please use the following billing information:						
Issuer: Age		Agent (if applicable):	gent (if applicable):			
Billing contact:		Phone:	Email:			
Billing address:						
City:	Province:	Postal code:	Country:			
Degreeted by						
Requested by: Issuer						
Name and title of authorized signing offi	cer:	Phone:	Date:			
CDS internal use only						
Confirmation request accepted by (CDS signature):			Date:			
Payment received by (CDS Finance signature):			Date:			
Completed confirmation released by (CDS signature):			Date:			

Standard Terms and Conditions

- 1. Confirmation of Registered Holdings (the "Confirmation") Service. By submitting this form, the Issuer represents that CDSl Clearing and Depository Services Inc. ("CDS Clearing"), by its Nominee CDS & CO., is the or a registered holder of the security eligible for the CDS Clearing depository service. The issuer, or its authorized agent, acknowledges that CDS & CO. holds the securities as bare nominee on behalf of CDS Participants in the Depository Service, for which CDS Clearing performs settlement and custodial services. CDS Clearing has been authorized by each Participant to disclose to an eligible security Issuer the aggregate number of eligible securities of that Issuer held for the account of CDS Participants. The Confirmation will indicate such positions as at the close of business, following necessary adjustments, upon the date(s) specified and will be made available to the Issuer as soon as reasonably practicable thereafter.
- Data Accuracy. CDS will reprocess and re-issue a Confirmation where, within three months of the date of the original Confirmation, the Requesting Party demonstrates to the reasonable satisfaction of CDS that the confirmations did not reconcile with the Issuers register.
- 3. <u>Limitation of Liability.</u> The Issuer, or the Issuer's duly authorized Agent, acknowledges and agrees that neither CDS, nor any of its affiliated companies, shall be liable for failure to provide the Confirmation requested if such failure is due to any cause or condition beyond the reasonable control of CDS. Further, the Issuer, or the Issuer's duly authorized Agent, acknowledges that the aggregate liability of CDS for damages of any kind, howsoever incurred, shall not exceed the total amount paid by the Issuer or its authorized Agent for the Confirmation(s) in the three months immediately preceding the occurrence of the event giving rise to such liability.
- 4. <u>Use of Confirmation.</u> A Confirmation obtained from CDS shall not he used by the Issuer or any person receiving a Confirmation or copy thereof, except in accordance with applicable securities law, regulation, or instruction and, more specifically, shall only be used in connection with:
 - (a) sending securityholder materials;
 - (b) an effort to influence the voting of securityholders of the issuer;
 - (c) an offer to acquire securities of the issuer; or
 - (d) any other matter relating to the affairs of the issuer.
- 5. Fees. CDS shall charge a fee, according to the then-current CDS fee schedule for Confirmations provided under this Agreement. CDS reserves the right to amend the fee schedule from time to time at its sole discretion; amendments to the fee schedule made after submission of the request but prior to the delivery of the Confirmation, however, shall not impact the Total Fee. NOTE: Fees for Confirmations are payable in advance (except in the circumstance that the requesting party opts to be invoiced for the Confirmation) to 'CDS Securities Management Solutions Inc." and must accompany the delivery of this form of agreement to CDS.
- 6. <u>Taxes:</u> Fees charged under this Agreement are exclusive of any federal, provincial or local sales or commodities taxes which are or may be imposed upon the supply of the Confirmation(s) hereunder. Any such tax shall be paid by the Requesting Party directly to the taxing authority, or if CDS, in its opinion, is required by law to collect such tax, CDS will add the amount of the tax to the Requesting Party's fees.
- Notice: Notices under this Agreement shall be delivered personally or by registered mail to the address set out for the receiving
 party on the face hereof or to the Billing Address, if applicable. Notices to CDS shall be addressed to the attention of:
 Customer Service, 100 Adelaide Street West, Toronto, Ontario M5H 1S3-.
- 8. <u>Issuer's Agent.</u> If this Request for Confirmation is made on behalf of the Issuer by the Issuer's Agent, the Issuer's Agent
 - (a) represents and warrants that it has been duly authorized by the Issuer to make this Request, to receive the Confirmation requested and any notices provided hereunder, and to pay the fees charged for Confirmations;
 - (b) represents and warrants that this Request is made solely in connection with a matter relating to the affairs of the Issuer; and
 - (c) agrees to be bound by the terms and conditions of this Agreement as fully and to the same extent and degree as the Issuer.
- 9. <u>General.</u> This Agreement may not be assigned by the Requesting Party without the written consent of CDS, and shall bind the parties hereto and their respective permitted successors and assigns. This Agreement shall be governed by and construed in accordance with the laws of the Province of Ontario and the Federal laws of Canada applicable therein.

Sample request letter

To be printed on the letterhead of the issuer or its duly authorized agent.

Date:		
~	Depository Services Inc. et West, Toronto, ON M5H 1S3	
Attn: Customer S	ervice	
Subject: Confirma	ation of Registered Holdings for	on)
Dear Sirs:		
Please provide a confir	mation of registered holdings for the security information listed below as at	fective date for the confirmation)
CUSIP/ISIN	Security issue description	Amount
(security issue identificatio number)		(principal, par value or number of shares)
	s required and note the number of pages attached.	
Number of pages attac		
Please mail (or fax) the	e completed confirmation to the attention of:	
Auti	norized signature of issuer or agent representative	
	me and title of issuer or agent representative	
Na	The did the of issued of agent representative	
	FOR CDS USE ONLY	
CONFIRMATION	:	
I,the separate attach	, hereby confirm that the information provi	ded above and/or in
Correct	Incorrect (please see notes on differences)	

Appendix 1 SMS013 (04/17)