#### **SCHEDULE A** SUMMARY OF FILINGS RECEIVED **Description** CanPX TSX/CanDeal MX CDS Inc. TSX **Gmarkets** (Equity and Fixed (Fixed Income) (Fixed Income) (Equity and Fixed (Fixed Income) (Equity) Income) Income) 1. ORGANIZATION AND GOVERNANCE 1. Overview CanPX is a for-profit, Gmarkets is a for-profit, The application is made MX is a for-profit, The IP services would be TSX Inc. (TSX) is a forprivately-held privately-held jointly by TSX and privately-held provided by CDS Inc., a profit corporation and a CanDeal. wholly-owned subsidiary wholly-owned subsidiary corporation. corporation. corporation. of The Canadian of TSX Group Inc., a The vehicle pursuant to It proposes two alternative Depository for Securities public company. which TSX/CanDeal will structures for the Limited. deliver the functions of information processor: the IP (and consequently, the governance structure 1. The CSA could form a for the IP) has not been not-for-profit legal entity finalized at this time. which would carry on its TSX/CanDeal anticipate activities as an IP. The IP that the structure will would: facilitate the involvement • contract with MX to of, and input from, provide the technical various industry service through its participants including Information those who are independent **Technology Solutions** of TSX/CanDeal. business unit (MX-ITS); and establish Policy and **Technical Committees** comprised of industry

Description	CanPX	Gmarkets	TSX/CanDeal	MX	CDS Inc.	TSX
	(Fixed Income)	(Fixed Income)	(Fixed Income)	(Equity and Fixed Income)	(Equity and Fixed Income)	(Equity)
				volunteers for each market (equity and debt) that would make all policy decisions applicable to the IP, as well as decisions on fees and revenue sharing.  2. MX could take on direct responsibility to operate as an IP and could establish a separate entity with an independent governance for this purpose.		
2. Board of Directors <sup>1</sup>	The board of directors of CanPX is composed of eight directors. All are related to dealers or IDBs.	There are three shareholders, two of which are also directors of Gmarkets. While no directors are independent of the applicant, they have	The governance model for the vehicle has not yet been finalized. TSX/CanDeal anticipate facilitating the involvement of, and input	The composition of the Board will be determined once the optimal governance structure to perform the IP role has been determined between	The Canadian Depository for Securities Limited has a board of 15 directors; currently, 4 of these directors are independent.	The TSX board of directors has 14 directors, 12 of which are independent.

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<sup>&</sup>lt;sup>1</sup> For the purposes of this summary, we interpreted independence broadly to mean the lack of a direct or indirect material relationship with an applicant; a material relationship would be reasonably expected to interfere with the exercise of a director's independent judgement.

	SUMMANT OF FILINGS RECEIVED								
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	(Fixed Income)	(Fixed Income)	(Fixed Income)	(Equity and Fixed Income)	(Equity and Fixed Income)	(Equity)			
		no relationship with any dealers, IDBs or marketplaces.	from, various industry participants, including those independent of TSX/CanDeal.	the CSA, the data contributors and the applicant.					
3. Key personnel	An Operating Committee composed of the President (a representative of a dealer), Secretary-Treasurer (from the Investment Industry Association of Canada (IIAC) and one of the Directors (an IDB), is responsible for the ongoing operations of CanPX.  4 individuals employed by the IIAC are responsible for ensuring high-level compliance with corporate governance requirements, accounting, the day-to-day	Key personnel consists of the President and CEO, as well as the Secretary and Director.  In addition, there is a Client Services group responsible for data quality assurance, entitlements, administration and first level client support.	Key personnel responsible for the services of the IP will include:  • Staff of TSX Datalinx, the market data division of TSX;  • TSX and CanDeal technologies staff;  • Staff of TSX Markets, the trading division of TSX; and  • Senior staff from TSX and CanDeal.  The IP will leverage TSX staff in Network Operations/ Support, Vendor Services, Market Services and Product	Key personnel will be comprised of the 120 individuals employed by the MX-ITS and 5 of the Market Data Services divisions of MX.	Selected staff of CDS Inc. will be responsible, among others, for the operations of the IP. Such staff will include:  • The Executive Director, CDS Inc.;  • The Managing Director, CDS Inc. Business, reporting to the Executive Director; and  • A Business Manager, IP, reporting to the Managing Director, CDS Inc. Business.  The Business Manager, IP	Personnel will be employed by either TSX or an affiliate, and any personnel employed by an affiliate will be shared with TSX under a service agreement.  Core personnel that would be involved in the operations of the IP would be certain staff of TSX Datalinx, Market Services, Technology Operations, Technology Development, Product Management and Market Services.			

# SUMMARY OF FILINGS RECEIVED

Description	CanPX	Gmarkets	TSX/CanDeal	MX	CDS Inc.	TSX
	(Fixed Income)	(Fixed Income)	(Fixed Income)	(Equity and Fixed Income)	(Equity and Fixed Income)	(Equity)
	operations of CanPX, oversight of the technical facilitator, monitoring timeliness of data reported to and displayed by the system, and other ongoing functions.		Management. The IP will also leverage TSX staff in Development, Quality Assurance and Project Management on an "as needed" basis.		position will be created and dedicated full-time to the operations of the IP. This individual will be charged with recommending and executing strategies for the overall management of the IP operations.  At this time, it is anticipated that two business analysts, reporting to the Business Manager, IP, will be dedicated full-time to the operations of the IP.	IP products will share dedicated staff in Operations, Network Support, Vendor Services and Product Management and will share staff with other products on an "as needed" basis in Development, Quality Assurance and in the Project Management Office.
4. Management of	As no directors are	The application indicates	TSX/CanDeal will put	MX's conflicts of interest	CDS Inc. does not	Data transmitted to the IP
potential conflicts of	independent of a dealer or	that Gmarkets does not	into place the necessary	are specific to an	compete at any level with	by marketplaces will not
interest <sup>2</sup>	IDB, and some may serve	have a conflict of interest	policies, procedures and	exchange and relate to the	any of the providers of	be inappropriately
	on Board of other parties	in pursuing the role of IP	processes (both system	inherent conflicts from	data to the IP, nor with	manipulated by TSX. That
	with an interest in the debt	for the Canadian debt	and non-system) to	ownership of the	any of the potential users	is, data will not be

<sup>2</sup> While, as an information processor, the main conflict of interest is that related to the handling of data contributed by other entities, some of which may be competitors, this summary considers all potential conflicts of interests identified by applicants.

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	(Fixed Income)	(Fixed Income)	(Fixed Income)	(Equity and Fixed Income)	(Equity and Fixed Income)	(Equity)			
	markets, CanPX has a number of measures to help preserve independence, as follows:      Broad share ownership with provision for others to become shareholders;      Secretariat services provided by a third party (the IIAC);      Declaration by directors of any known conflicts of interest during Board meetings;      Periodic guest participation of a Bank of Canada representative;      Shareholders do not acquire data directly from CanPX but from CanPX vendors at the	markets, as it does not derive any income from trading in these markets, and none of its shareholders and directors are employed by a Canadian marketplace, dealer or IDB.	manage potential conflicts of interest associated with the receipt of data from competitors of TSX or CanDeal. As a general matter, access to data will be on an "as needed" basis. Specifically:  • Employees of Shorcan Brokers Limited (an IDB subsidiary of TSX) will not be granted access by TSX/CanDeal to competitor IDB data;  • Employees of CanDeal's Revolution Trading division will not be granted access by TSX/CanDeal to competitor IDB data; and  • Access to the contributed inbound	exchange shares. Such conflicts are managed through restrictions on share ownership.  In addition, the technical infrastructure for the consolidated data feeds will be separate from the MX infrastructure.  Operational processes are automated, and only operational staff specifically required to maintain the service will be authorized to access the applications.  The reception, processing and dissemination of the data takes only a fraction of a second, therefore, potential conflicts of interest from human manipulation is virtually	of such data.  However, it has processes to manage potential conflicts of interest that it would face as an IP, due to receipt of data from competitors of its shareholders. For example, data received by CDS Inc. in its capacity as an IP will not be made available to its Board of Directors (or the Board of its parent, CDS Limited). New service strategy papers and business cases are reviewed and approved by the Board of Directors. Similarly, status reports on various lines of business are presented to the Board of Directors from time to time for review and	modified, except to reformat it if required, to remove unnecessary data elements and add necessary new data elements. TSX staff who do not require knowledge of or access to competitor data or client information for purposes of operating the IP or carrying out TSX processes will not have access to the data or client information.  TSX is able to bill and collect other marketplace fees or coordinate appropriate direct billing administration with them. In the latter case, as an additional control, vendors must report the numbers that access to marketplace subscriptions			

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	(Fixed Income)	(Fixed Income)	(Fixed Income)	(Equity and Fixed Income)	(Equity and Fixed Income)	(Equity)			
	same prices, time and terms as other parties;  • Quarterly communication to all data contributors of Board meeting minutes;  • Annual circulation to all contributors of audited financial statements; and  • Easy access to secretariat staff and access to assistant corporate secretary (from a third-party law firm) for all corporate governance matters.		sources will be restricted to those who require access for the purposes of the performing IP functions.  The existing safeguards that are put in place by TSX in order to ensure that the interests of competing equity marketplaces that provide equity trading data for distribution by the TSX are not compromised will also be put into place by TSX/CanDeal as the IP.  In addition, TSX/CanDeal will put into place dispute resolution mechanisms to ensure the independence and fairness of the process for bond selection (described in section	non-existent as the information is made public within milliseconds.  All MX employees and consultants sign a code of ethics with sections related to confidential and privileged information.	comment. However, management screens such documents for sensitive, competitive or confidential information prior to pre-mailing the documents to the Board members. In the event that such information must be tabled with the Board, the director with a conflict of interest is expected to declare same and recuse him/herself from that portion of the meeting.	directly to marketplaces not administered by TSX.  The proposed fee schedule for the Consolidated Data Feed does not charge clients a second time for the same data-if they already subscribe to a marketplace's data feed.  The fee model levels the playing field such that clients do not have incentive to unsubscribe from a marketplace's feed when subscribing to the Consolidated Feed, and addition of the Consolidated Feed comes at a nominal price, \$5, which will not be a barrier to access.			

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	SUMMARY OF FILINGS RECEIVED								
Description	CanPX	Gmarkets	TSX/CanDeal	MX	CDS Inc.	TSX			
	(Fixed Income)	(Fixed Income)	(Fixed Income)	(Equity and Fixed Income)	(Equity and Fixed Income)	(Equity)			
				system will be 12 months.	readiness.				
3. Connectivity									
a. Connection method	Dealers  Dealers report via a page or item-based feed in a proprietary protocol.  The proprietary feed is transmitted to the CanPX system using redundant communication facilities including dedicated circuits, hardware and transmission points.  Several dealers have chosen a File Transfer Protocol (FTP) to transmit data.  IDBs  IDBs transmit proprietary feeds, on a voluntary basis, using redundant communications facilities	Participating firms reporting trades on an hourly basis The applicant will implement redundant FTP servers to receive hourly Extensible Markup Language (XML) files.  Participating firms that will voluntarily report orders or trades on a real-time basis The applicant will determine the most efficient language protocol in consultation with each participating firm.	Data files will be collected by CanDeal using a Secured File Transfer Protocol (SFTP) over the Internet.	Physical access to the system will be achieved by making use of the MX data network linking data centres, numerous points of presence (POP), and through third-party network providers. In addition to direct POP connections and connections through one of several supported third party network providers, connectivity would also be available over the internet, using a VPN connection.  The marketplaces providing the source feeds may connect to any of the POPs through direct connections to one of the	The data transmitted will be in the standard industry protocol FIX format.  Data will be transmitted via secured Internet transport or SFTP (for smaller firms).  CDS Inc. will transform, in real time, the FIX format into a standard format for subsequent processing.	Information from the marketplaces can be transmitted to the IP in any format and will be reformatted if necessary. STAMP is preferred, however TSX can accommodate other formats.  Each marketplace will supply data via two identical feeds on dual independent lines to the IP.			

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Description	CanPX	Gmarkets	TSX/CanDeal	MX	CDS Inc.	TSX
	(Fixed Income)	(Fixed Income)	(Fixed Income)	(Equity and Fixed Income)	(Equity and Fixed Income)	(Equity)
	including dedicated circuits, hardware and termination points.			MX POPs, through third party network providers or over the internet.  A single, industry wide protocol is envisaged, but		
				the system can be extended to support additional protocols.		
b. Connectivity costs	Internal costs to establish a connection to CanPX are borne by the participating firms.	Each participating firm is responsible for their connectivity costs to transmit data.	The cost to connect to the IP is the responsibility of the participant, and there will not be a mark-up passed along by CanDeal/TSX. There will be no additional costs attributed to the 12 primary dealers currently connected to CanDeal.	Marketplaces, dealers and IDB providing information will pay their own connectivity fees.	CDS Inc. already has existing network connection with all stock exchanges and most bond dealers across Canada, therefore, there are unlikely to be any additional connectivity costs for data providers.  However, if a data provider does not have an existing network connection to CDS, such connection can be put in	Each marketplace will be responsible at its own expense for installing, operating and maintaining connectivity lines to the IP.

Description	CanPX (Fixed Income)	Gmarkets (Fixed Income)	TSX/CanDeal (Fixed Income)	MX (Equity and Fixed Income)	CDS Inc. (Equity and Fixed Income)	TSX (Equity)
					place through a service provider such as Allstream, at a monthly connection fee of \$500 plus a hardware fee of \$167 per month.	
c. Fees to provide data	None	Gmarkets will charge participating firms \$1,500 per month. However, firms currently providing information on a voluntary basis will not pay this fee.	None.	None	None.	TSX will charge an inbound connection fee of \$1,600 per month to each marketplace that submits a feed to be included in the consolidated feed to cover costs incurred by TSX such as: ports, routers, processors and network connectivity, as well as upfront development to process feeds that are in the STAMP format.
4. Operations and da a. Training and	ta integrity  The technical facilitator	Gmarkets Client Services	Training and materials	Entities that supply the	CDS currently provides	All external recipients of
support	provides online help and learning materials.  Client trainers make visits	provides support and application training to subscribers free of charge. Additional development	will include:  • Specifications and examples of inbound	data or receive the consolidated feed will be provided with specifications for the	onsite training programs and publishes user manuals on its website to support the customers for	the consolidated service will receive a functional specification and a Business Design Guide

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Description	CanPX	Gmarkets		TSX/CanDeal	MX	CDS Inc.	TSX
	(Fixed Income)	(Fixed Income)		(Fixed Income)	(Equity and Fixed Income)	(Equity and Fixed Income)	(Equity)
	to educate clients on their products.  A team of five specialists at Reuters are available to provide customer support.	and technical consulting services from Gmarkets are available at \$150 per hour.  In addition, Gmarkets will provide an Extensible Markup Language (XML) Feed Specification Document to participating firms providing trade data on an hourly basis, and will provide a Feed Specification Document detailing required data fields and connection information to firms choosing to report orders or trades in real time.	•	and outbound feeds; Instructions regarding the content and context of the data provided from the IP to ensure that the retail audience and global (non-English native language) institutional participants will have an appropriate level of understanding of the data content; Support to parties providing and receiving information from the IP; Online documentation and training materials to help explain the content of the data; and Educational materials	consolidated feed protocol and the required network connectivity.  MX will provide connectivity support to these external entities and an environment for testing.  In addition, MX-ITS will provide operations support and will make a help desk available for the operation of the SOLA® Canadian Consolidated Market Feed Technological Solution.	existing services.  It will use the existing infrastructure to implement user training programs and publish user manuals to support the IP user community in the same manner as the other services.  A help-desk program is currently in production.	outlining the connectivity requirements as well as the Message Protocol.

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# SCHEDULE A SUMMARY OF FILINGS RECEIVED

Description	CanPX	Gmarkets	TSX/CanDeal	MX	CDS Inc.	TSX
	(Fixed Income)	(Fixed Income)	(Fixed Income)	(Equity and Fixed Income)	(Equity and Fixed Income)	(Equity)
	volume traded, subject to volume caps.  *Inserted from Reuters master file.		time of the trade; and volume traded, subject to volume caps.  Based on the input from industry participants, other data fields, such as yield and type of trade (buy/sell), will also be transmitted.	time of the trade; and volume traded, subject to volume caps.  In addition, the applicant will collect any other information that may be required by NI 21-101.	<ul> <li>time of trade; and</li> <li>volume traded, subject to volume caps.</li> <li>In addition, the following information will also be collected:</li> <li>type of trade (buy or sell);</li> <li>yield; and</li> <li>security cusip or ISIN.</li> </ul>	
2. Corporate bond is	nformation to be disseminated					
a. Method of distribution	Information is displayed through Reuters front-end display products. CanPX data is made available on the internet.  Data is also redistributed by information vendors as feeds or via internet	Gmarkets will distribute the fixed income information via a desktop application called Gmarkets Pilot (prefabricated page displays) and through feed products (such as raw data for resellers), specifically:	TSX/CanDeal will make the consolidated fixed income information feed initially available through the following distribution channels:  TSX's website; and A fully described, logical, record-based	MX will make available the consolidated feed with a published protocol for connection.  Internet access to post-trade data can be incorporated in the solution, if required.	CDS Inc. will make the consolidated data feed output from the IP available through various distribution channels that will include:  • Access via the Internet; and • Depending on	
	access.	Gmarkets Feed API or	feed from the existing	boladon, il required.	requirements,	

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Description						
	(Fixed Income)	(Fixed Income)	(Fixed Income)	(Equity and Fixed Income)	(Equity and Fixed Income)	(Equity)
	CanPX benchmark yield data is also available on the CanPX website.	Gmarkets Feed in XML.	TSX infrastructure on dedicated circuits.  In the future, TSX/CanDeal anticipate utilizing internet protocol to distribute the feed.		message feeds over various transport mechanisms.	
b. Information disseminated	CanPX consolidates the post-trade bond data and displays it every hour, on the hour.  The information published includes:  Issuer;  Coupon;  Maturity;  Trade price;  Trade yield;  Volume (subject to volume caps);  Trade date;  Trade time (to the	Gmarkets will consolidate the post-trade bond data and display it in real time.	Data will be consolidated into the feed and displayed on a trade-by-trade basis.	Details of trades are required to be reported to the information processor no later than one hour from the time of the trade. The IP will not require a shorter timeframe, unless a future review indicates that this would be beneficial to the marketplace. The trade data will be published by the IP as soon as it is received.	CDS Inc. will provide a consolidated feed in real time of all corporate fixed income trade data received. In addition to the data fields received, it will also display:  The moving average price by security; and A volume analysis by security.	

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bonds will be updated

comments, modification

technical facilitator.

Description	CanPX	Gmarkets	TSX/CanDeal	MX	CDS Inc.	TSX
	(Fixed Income)	(Fixed Income)	(Fixed Income)	(Equity and Fixed Income)	(Equity and Fixed Income)	(Equity)
h Critaria	A proposed revised list is circulated to the Corporate Bond Working Group for comments and further revisions or approval.  The list is presented to the CanPX Board for approval by e-mail.  Other parties can suggest adding corporate bonds to the list via the internet.  Upon CanPX Board approval, the final list is sent to the technical facilitator for implementation and to vendors and to the OSC for information.	As set out above the	quarterly by the IP using the following process:  • Based on the criteria described below, major dealers will be polled for corporate bonds to be added/deleted; and  • The list will be consolidated based on consensus (majority of the dealers polled).	and approval.  The list will be approved by the IP board, at which time MX-ITS (as the technology provider) would be advised of any changes, as well as the CSA and all affected vendors.	Initially, CDS will fallow	
b. Criteria	Applicable criteria for corporate bonds include:  • Trading volumes;	As set out above, the corporate bonds will be selected from the	Applicable criteria for corporate bonds will include:	Applicable criteria for corporate bonds will include:	Initially, CDS will follow the selection criteria currently used by CanPX,	

SUMMANT OF FILMOS RECEIVED							
Description	CanPX	Gmarkets	TSX/CanDeal	MX	CDS Inc.	TSX	
	(Fixed Income)	(Fixed Income)	(Fixed Income)	(Equity and Fixed Income)	(Equity and Fixed Income)	(Equity)	
	<ul> <li>Whether bonds are included in domestic Canadian corporate bond indices;</li> <li>Minimum issue size of \$250 million;</li> <li>Bonds should be issued by issuers among the major industrial groups of issuers;</li> <li>Bonds should be highly liquid;</li> <li>Bonds should represent a majority of trade flow within the corporate bond markets;</li> <li>Bonds should, between themselves, include short-term maturities, mid-term maturities and long-term bonds; and</li> </ul>	S&P/TSX Canadian Bond Index. The S&P/TSX Canadian Bond Index uses the following criteria for bond selection:  • An S&P rating of BBB- or better;  • Minimum par amount of \$50 million (or \$100 million for Government of Canada or federally- guaranteed);  • Minimum of two independent dealers providing bid prices each day to the TSX (available as a subscription from the TSX);  • Minimum term of 18 months to maturity at the time of inclusion.	<ul> <li>Minimum total issue sizes (including reopenings) of \$250 million;</li> <li>Bonds will be highly liquid relative to comparables;</li> <li>Bonds will represent a majority of trade flow within the corporate bond markets;</li> <li>Bonds will represent, among themselves, all major industrial groups of issuers (including financial, utility, telecom, and oil and gas);</li> <li>TSX/CanDeal will attempt to include at least 2 bonds from each industry classification;</li> <li>Bonds will represent,</li> </ul>	<ul> <li>Issue size, with a minimum total issue size of \$250 million;</li> <li>Bonds will be highly liquid;</li> <li>Bonds will represent a majority of trade flow within the corporate bond markets;</li> <li>Bonds will represent major industrial groups of issuers (including, but not limited to: financial, utility, telecom, oil and gas);</li> <li>Bonds will be from each industry classification;</li> <li>Bonds will include all maturities including 0-5 years; 5-10 years; and 10 years and over; and</li> </ul>	<ul> <li>as follows:         <ul> <li>Minimum total issue sizes (including reopenings) of \$250 million;</li> <li>Bonds will be highly liquid relative to comparables;</li> <li>Bonds will represent a majority of trade flow within the corporate bond markets;</li> <li>Bonds will represent, among themselves, all major industrial groups of issuers (including financial, utility, telecom, and oil and gas); an attempt will be made to include at least 2 bonds from each industry classification;</li> </ul> </li> </ul>		

Description	CanPX	Gmarkets	TSX/CanDeal	MX	CDS Inc.	TSX
	(Fixed Income)	(Fixed Income)	(Fixed Income)	(Equity and Fixed Income)	(Equity and Fixed Income)	(Equity)
	Bonds should be from each industry classification (with at least two from each classification).		among themselves, all maturity buckets, including 0-5 years, 5-10 years, and 10 and over years; and  Bonds will include debt securities of broad interest to retail investors, including bonds issued by well known corporations, bonds represented in an industry standard corporate bond index, bonds with terms to maturity of less than 5 years and bonds priced at a discount.	Bonds will be those of broad interest to retail investors.	<ul> <li>Bonds will represent, among themselves, all maturity buckets, including 0-5 years, 5-10 years, and 10 and over years; and</li> <li>Bonds will include debt securities of broad interest to retail investors, including bonds issued by well known corporations, bonds represented in an industry standard corporate bond index, bonds with terms to maturity of less than 5 years and bonds priced at a discount.</li> <li>Thereafter, CDS plans to update the selection criteria in consultation with the industry and regulators, and will work</li> </ul>	

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Description	CanPX	Gmarkets	TSX/CanDeal	MX	CDS Inc.	TSX
	(Fixed Income)	(Fixed Income)	(Fixed Income)	(Equity and Fixed Income)	(Equity and Fixed Income)	(Equity)
c. Method of communication	Reuters posts the list on the CanPX website;     The IIAC website posts a link to the list on the CanPX website.	The rules for selection of bonds are published on S&P and TSX websites and all changes are published simultaneously to all market participants.  Gmarkets will also publish the list on its website.	The list of addition/deletions will be published for all firms providing the information two weeks prior to the change taking effect.  The new list of corporate bonds will be distributed quarterly via email to designated individuals at each firm. It will be posted on TSX's website.	The information will be published on the IP web site.	to expand it on a quarterly basis.  CDS Inc. will report additions, deletions and changes to the bond list through an e-mail notification list that will be maintained by it.  In addition, CDS Inc. will publish information on the additions, deletions and changes to the bond list in the news section on its website and also incorporate the changes into the complete bond list, which will be permanently displayed on the website.	
4. Other bond information that	CanPX collects bid/offer prices and trade	Some participants currently report, and may	The IP may collect and disseminate data that is	The infrastructure will be designed to support	CDS, through its subsidiary CDS	

# SCHEDULE A SUMMARY OF FILINGS RECEIVED

Description	CanPX	Gmarkets	TSX/CanDeal	MX	CDS Inc.	TSX
	(Fixed Income)	(Fixed Income)	(Fixed Income)	(Equity and Fixed Income)	(Equity and Fixed Income)	(Equity)
will be reported and	information for	continue to do so,	provided by parties that	consolidated pre- and	Innovations, offers a	
disseminated <sup>3</sup>	Government bonds and	government (such as	are not required to	post-trade information on	number of ancillary	
	Government of Canada T-	Canadian T-bills or	contribute or from those	government fixed income	services that provide a	
	bills voluntarily	government debt	parties that contribute in	securities, and MX would	cross section of	
	transmitted by IDBs.	securities) or corporate	order to supplement or	provide the consolidation	information on bonds.	
		bond data in real-time.	enhance the product.	and dissemination of this	These ancillary services	
	In addition, it collects and	Gmarkets has proposed to	For example,	information if and when	include:	
	disseminates information	support the continued	TSX/CanDeal proposes to	this is made mandatory by	Security Masterfile –	
	relating to certain TSX-	aggregation and	initially collect, aggregate	the CSA.	which, among other	
	listed fixed income	dissemination of	and disseminate (all in		things, provides	
	securities.	voluntary products.	real time) price	MX can accept and	details on security	
			information for the	publish this information if	identification, interest	
	It disseminates the	The published fields	following securities: all	it is provided during the	rate, maturity rate,	
	following information in	reported for these	Government of Canada	current exemption period	and security features	
	real time:	securities will include:	bonds; all Government of	from transparency	such as interest	
		issuer; coupon; maturity;	Canada T-bills;	requirements for	frequency, early	
	Government bonds	order price (buy/sell);	approximately 130	government bonds.	redemption etc.;	
	Bid price; offer price; bid	order size (buy/sell); order	Provincial Bonds; and 50	TO1	Entitlement Products	
	size; offer size; bid yield;	yield (buy/sell); bid price	corporate bonds.	The infrastructure will be	<ul><li>which provide</li></ul>	
	offer yield; bid price	(best price, for multiple		designed to support	various degrees of	
	change from previous	bids and offers, and where		consolidated pre-trade	entitlement coverage	
	day's close; bid yield	multiple best prices exist,		information on corporate	in different formats	

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<sup>&</sup>lt;sup>3</sup> Some participating firms are, or may be, providing other fixed income information (such as government fixed income data) to the entities applying for the position of the IP on a voluntary basis. This section describes the type of information that the applicants are or expect to collect and disseminate on a voluntary basis and is included for information purposes.

Description	CanPX	Gmarkets	TSX/CanDeal	MX	CDS Inc.	TSX		
	(Fixed Income)	(Fixed Income)	(Fixed Income)	(Equity and Fixed Income)	(Equity and Fixed Income)	(Equity)		
	change from previous day's close; hit or take of last trade; last trade price; last trade size; last trade time or date; and aggregate volume of the day for the instrument.  Government T-bills  Bid yield; offer yield; bid size; offer size; bid yield change from the previous day's close; hit or take of last trade; last trade yield; last trade size; last trade time or date; and aggregate volume of the day for the instrument.  Provincial bonds  Bid yield spread; offer yield spread; bid size; offer size; bid yield spread change from previous day's close; hit or take of	the best price will aggregate volumes); bid yield; bid size; offer price; offer yield; offer size; trade price; trade yield; trade size; net change; and whether a security is benchmark.  The government bonds will be selected from the S&P/TSX Canadian Bond Index. The S&P/TSX Canadian Bond Index uses the following selection criteria: (1) an S&P rating of BBB- or better; (2) minimum par amount of \$50 million (or \$100 million for Government of Canada or federally-guaranteed); (3) minimum of two independent dealers providing bid prices each		fixed income securities, if there is a requirement for this.	and include CDS Entitlement Bulletin (a web-based product), Entitlement Data Feed (an end-of- day batch product) and the ISO 15022 compliant MT564 Entitlement Message (a real time product); • SCRIBE – which provides access to document filings made by all issuers across Canada.			

SUMMARY OF FILINGS RECEIVED								
Description	CanPX	Gmarkets	TSX/CanDeal	MX	CDS Inc.	TSX		
	(Fixed Income)	(Fixed Income)	(Fixed Income)	(Equity and Fixed Income)	(Equity and Fixed Income)	(Equity)		
	last trade; last trade spread; last trade size; last trade time or data and aggregate volume of the day for the instrument.	day; and (4) minimum term of 18 months to maturity at the time of inclusion.						
		3(b) COMM	IITMENT TO TRANSPAR	ENCY - EQUITY				
1. Pre-trade information to be reported				Marketplaces will report the following information in real time:  • identification of the marketplace;  • order type (buy/sell);  • volume;  • symbol;  • price; and  • time of the order.  Any additional information that may be required by NI 21-101 will also be reported.	Marketplaces will report the following information in real time:  • name of marketplace;  • time of order entry;  • price;  • volume;  • symbol;  • cusip or ISIN.	Marketplaces will transmit all orders for every security (i.e. full depth of book).  Each message will contain one quote/order from a marketplace and will include at least the following information:  • message type (order);  • IP sequence number;  • marketplace identifier;  • marketplace trading system time stamp;  • IP time stamp;		

			MIMIARY OF FILINGS RE			
Description	CanPX	Gmarkets	TSX/CanDeal	MX	CDS Inc.	TSX
	(Fixed Income)	(Fixed Income)	(Fixed Income)	(Equity and Fixed Income)	(Equity and Fixed Income)	(Equity)
2. Post-trade information to be reported				Marketplaces will report the following information in real time:  • identification of the marketplace;  • volume;  • symbol;  • price and  • time of the trade.  Any additional information that may be required by NI 21-101 in the future will be reported.	Marketplaces will report the following information in real time:  • marketplace;  • time of trade;  • price;  • volume;  • security symbol; and  • security cusip or ISIN.	<ul> <li>broker number;</li> <li>security type;</li> <li>issuer;</li> <li>symbol;</li> <li>series;</li> <li>class;</li> <li>price;</li> <li>volume; and</li> <li>business action (buy or sell).</li> <li>In addition to the data elements included in the order information message (other than 'message type (order)'), each trade message will include at least the following information:</li> <li>message type (trade);</li> <li>broker number (both sides);</li> <li>trade number;</li> <li>type of trade (marketplace, internal</li> </ul>

# SCHEDULE A SUMMARY OF FILINGS RECEIVED

Description	CanPX (Fixed Income)	Gmarkets (Fixed Income)	TSX/CanDeal (Fixed Income)	MX (Equity and Fixed Income)	CDS Inc. (Equity and Fixed Income)	TSX (Equity)
						trade, etc.); and • business action (trade).
3. Equity Information	n to be Disseminated					
a. Method of distribution				MX will distribute a consolidated data feed with a published protocol for connection.	The distribution method will be the same as that used for fixed income securities.	The consolidated data feed will be delivered via an industry approved standard protocol designated by the IP.  Network protocol for the consolidated services will be disseminated via Multicast.
b. Information disseminated				Pre-trade Will provide, in real time, a consolidated feed of pre- trade data to five price levels.  Post-trade Will provide, in real time,	Pre-trade Will provide a consolidated feed of the bid and ask prices received.  Post-trade Will provide a	Will provide a consolidated feed of pre and post-trade information.  The information disseminated will have the same data elements as

# SCHEDULE A SUMMARY OF FILINGS RECEIVED

SUMIVARY OF FILINGS RECEIVED								
Description	CanPX	Gmarkets	TSX/CanDeal	MX	CDS Inc.	TSX		
	(Fixed Income)	(Fixed Income)	(Fixed Income)	(Equity and Fixed Income)	(Equity and Fixed Income)	(Equity)		
				a consolidated feed of post-trade market data.	consolidated feed of each trade including the following fields:  • marketplace;  • time of trade;  • price; and  • volume.	those received from the marketplaces (listed above).  TSX is prepared to offer a display of this information if required by the market.		
		4.	FEES AND REVENUE SH	IARING				
1. Subscriber <sup>4</sup> fees	Corporate bonds  Reuters fee - \$25/terminal/month in addition to base Reuters service charge;  G-Markets - \$50/month;  Other vendors - fees	Connection fee (per login Gmarkets Pilot) \$50 per month per user, with addon charges for data subscriptions, as follows:  • \$10 for corporate fixed income data;  • \$10 for government fixed income data.	Monthly institutional professional subscriber <sup>5</sup> access fee \$75-100 per month  Non-professional <sup>6</sup> usagebased fees  • \$0.02 per security instrument quote,	The fees will be determined by the Policy Committees.	Data will be made available on its website at no charge. Users will only be able to view the information on this free website service. CDS will also offer a "security watch" product that would be delivered over the	Monthly professional subscriber fee  If the professional subscriber already subscribes to data feeds from marketplaces <sup>7</sup> , the charge will be a TSX administrative fee of		

<sup>&</sup>lt;sup>4</sup> Generally, a subscriber is an individual or entity that has entered into an agreement to receive information from the information processor (directly or through a vendor).

<sup>&</sup>lt;sup>5</sup> A securities professional means any broker, dealer, investment advisor or person employed by an organization conducting professional activities involving the buying and selling of financial instruments.

<sup>&</sup>lt;sup>6</sup> A non-professional subscriber means an individual that is not a securities professional, cannot be a consultant, independent contractor, software developer or others that use market data for any purpose other than trading for their personal account.

<sup>&</sup>lt;sup>7</sup> Vendors and firms will be allowed to subscribe to marketplace feeds separately.

Description	CanPX	Gmarkets	TSX/CanDeal	MX	CDS Inc.	TSX
	(Fixed Income)	(Fixed Income)	(Fixed Income)	(Equity and Fixed Income)	(Equity and Fixed Income)	(Equity)
	to be determined.  Government bonds  Reuters fee \$25/terminal/month on top of base Reuters service charge;  G-Markets - \$50/month;  Other vendors – to be determined.	In addition, the charge for the end-of-day file (including last trade and/or price for each security) is \$1,500 per month.	capped at \$10 per month; or  • \$10 per month for data stream.  Snapshot data web access via tsx.com Free		Internet to individual investors at a price of \$35 per month.	\$5 that will cover the costs of operating, processing and administering the feed;  • If the professional subscriber does not subscribe to data feeds from marketplaces, the charge will be: the TSX administrative fee of \$5 + the current TSX charge (refer to TSX 2007 pricing schedule for all pricing details and tiers <sup>8</sup> ) + the fee(s) charged by each marketplace.  Monthly non-professional subscriber fee

<sup>&</sup>lt;sup>8</sup> Published at http://www.tsx.com/en/data/product\_sheets

Description	CanPX (Fixed Income)	Gmarkets (Fixed Income)	TSX/CanDeal (Fixed Income)	MX (Equity and Fixed Income)	CDS Inc. (Equity and Fixed Income)	TSX (Equity)
						<ul> <li>If the non-professional subscriber already subscribes to data feeds from marketplaces, the charge will be the TSX administrative fee of \$2.50;</li> <li>If the non-professional subscriber does not subscribe to data feeds from marketplaces, the charge will be: the TSX administrative fee of \$2.50 + the current TSX charge (refer to TSX 2007 pricing schedule for all pricing details and tiers) + the fee(s) charged by each marketplace.</li> </ul>

#### SUMMARY OF FILINGS RECEIVED

	SUMMARY OF FILINGS RECEIVED								
Description	CanPX	Gmarkets	TSX/CanDeal	MX	CDS Inc.	TSX			
	(Fixed Income)	(Fixed Income)	(Fixed Income)	(Equity and Fixed Income)	(Equity and Fixed Income)	(Equity)			
						The fees will be indexed to inflation			
2. Vendor <sup>9</sup> fees	<ul> <li>\$2,000 per month for corporate bonds</li> <li>\$4,000 per month for government bonds</li> </ul>	Connection fee: \$1,500 per month per connection per site, with add-on charges as follows:  • \$10 per user for corporate fixed income data  • \$10 per user for government fixed income data.  In addition, \$1,500 per month will be charged for the end-of-day file (last trade and/or price for each security).	\$500 per month.	The fees will be determined by the Policy Committees.	An equity product containing all information on a daily, real time or batch basis will be made available at a price of \$25,000 per year. Segmented files by industry group will be made available at a cost of \$5,000 per year.  A fixed income product containing all fixed income information on a daily, real time or batch basis will also be made available at a price of \$25,000 per year.  Segmented files by type of fixed income will be	Note: this fee also applies to participant organizations (POs) with direct connection to the TSX consolidated feed.  If the vendor or PO already subscribes to data feeds from marketplaces, the charge will be a TSX administrative fee of \$500 per month.  If the vendor or PO does not subscribe to data feeds from marketplaces, the charge will be: the TSX administrative fee of \$500 + current			

<sup>9</sup> Generally, a vendor is an individual or entity that enters into agreements to receive information from the IP in connection with the business or distributing this information to others.

Description	CanPX	Gmarkets	TSX/CanDeal	MX	CDS Inc.	TSX
	(Fixed Income)	(Fixed Income)	(Fixed Income)	(Equity and Fixed Income)	(Equity and Fixed Income)	(Equity)
3. Costs and Revenue sharing	Net revenue will be allocated between shareholders based on the process outlined below:  First, the total net revenue is allocated between the IDB Market (defined as total dollar volume of trades in total market issues during a period by all IDBs as a group), Corporate Bond Market (total dollar volume of trades in corporate bonds during a period by all dealers as a group) and ATS Market (total volume	Data subscription fees for the corporate fixed income and government fixed income securities (\$10 per user or subscriber as described above) will be allocated as follows: 75% to the participating firms; and 25% to Gmarkets.	TSX/CanDeal does not anticipate sharing revenues with the dealer participants at this time, as it believes that the IP will carry the cost associated with transparency, and the dealers will benefit from cost efficiencies.	A. Revenue determination Each market (fixed income and equity) will have its own revenue streams from sales of the consolidated market data specific to that market.  B. Cost determination A. Net Revenue Calculation The cost to develop, implement, operate and administer the SOLA® Canadian Consolidated Market Feed Solution will be a fixed annual cost based on a 5 year	made available at a cost of \$5,000 per year.  CDS Inc. will allocate 50% of net revenues (i.e. excess of revenue over expenses) to data providers. Each data provider's share of the net revenue will be based on market activity (i.e. the relative volume of transactions submitted.	TSX charge of \$3,000 (refer to TSX 2007 pricing schedule for all pricing details and tiers) + the fee(s) charged by each marketplace.  TSX currently provides data distribution services for multiple marketplaces and several asset classes. The TSX IP will leverage its established infrastructure including hardware, software, physical premises (raised floor, network services, operations monitoring stations and tools, etc.) resources as well as administration (contractual, billing, reporting, auditing etc.), help desk and vendor services technical support,

Description	CanPX	Gmarkets	TSX/CanDeal	MX	CDS Inc.	TSX
	(Fixed Income)	(Fixed Income)	(Fixed Income)	(Equity and Fixed Income)	(Equity and Fixed Income)	(Equity)
	of trades during a period			contract, CPI indexed.		and legal, product and
	by all ATS participants, if			This annual cost will be		sales support. There will
	any, as a group).			allocated to each market		be additional
				(fixed income and equity,		development, hardware,
	This allocation is based on			at the start of the service),		and support resources
	the percentage of trading			based on that market's		required which will
	volume attributable to			share of total revenues for		depend on the number of
	each of the separate			both markets for the		marketplaces and the
	markets.			period (i.e. revenues from		bandwidth and structure
				data distributors and		of their feeds however,
	After this initial			subscribers for all		TSX will absorb these
	allocation, the net			services).		costs upfront and expect
	revenues will be					to recoup them over a
	distributed as follows:			C. Revenue sharing		period of time from the
	• IDB market revenue			After deducting costs		fees.
	will be split 50/50			from revenues associated		
	between dealers and			with each market (A-B),		Revenues will be shared
	IDBs			net revenue would then be		back to the marketplaces
	Corporate Bond			distributed between the		in the amount that those
	Market revenue will			contributors to the service		marketplace chose to
	be allocated to dealer			for each market (fixed		charge vendors and
	market-makers based			income and equity).		subscribers. The
	on proportionate			For each market, excess		administrative fee and
	trading share of			revenues will be allocated		marketplace connection
	corporate bonds			based on each		fees will be retained by

Description	CanPX	Gmarkets	TSX/CanDeal	MX	CDS Inc.	TSX
Description	(Fixed Income)	(Fixed Income)	(Fixed Income)	(Equity and Fixed Income)	(Equity and Fixed Income)	(Equity)
	ATS Market revenue will be allocated to ATS participants based on proportionate trading share of total market issues in the ATS market.			contributor's proportion of the total number of trades for that market, and also based on whether the entity contributes to both pre- and post-trade information, or only to post-trade information. Contributors who supply both would receive a higher proportion.  In the model, contribution to post-trade information would be worth 50% of the calculation of the revenue share of each entity, while the remaining 50% would be allocated to entities that are also providers of pre-trade information. However, the model could be revised with any weighting that would be		TSX.

Description	CanPX	Gmarkets	TSX/CanDeal	MX	CDS Inc.	TSX
	(Fixed Income)	(Fixed Income)	(Fixed Income)	(Equity and Fixed Income)	(Equity and Fixed Income)	(Equity)
				reasonable for a specific market.  Contributor Proportion of net revenue = [(50% times the contributor's proportion of total trades for the market)+(50% times the contributor's proportion of the total number of trades of all contributors supplying pre-trade information, if this information is also supplied)].  Contributor revenue share = net revenue for the market times contributor proportion of net revenue.		