

## Taiwan Depository & Clearing Corporation

# Newsletten

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## **TDCC Celebrates Its 25th Anniversary**

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Jaehoon Yoo, Chairman and CEO of Korea Securities Depository, led delegates visited TDCC on 31 October 2014.



TDCC President Sherman Lin was invited to be the panelist of 10th Taipei Corporate Governance Forum (TAICGOF) hosted by the Financial Supervisory Commission on 20 November 2014.



Celebrating its 25th anniversary, TDCC held an "Open Data Application and Innovative Service Forum" on 6 November 2014.

DCC recently kicked off its 25th anniversary celebration by holding a charity fair and hiking activity at Jingmei Junior High School. TDCC invited around 2,000 representatives from competent authority, related securities units, brokers and bill dealers, to attend these events. TDCC donated all the income of NT\$3.38 million from the day's events to eight charity organizations including the Down Syndrome Foundation.

Chairman Ding Kung-Wha spoke at the opening of the charity fair for celebrating its 25th birthday, TDCC bears more responsibilities than ever. Over the past 25 years, with continual innovation of its book-entry transfer system, TDCC now has the capability to offer services in five major segments, namely: "Equity Securities," "Fixed Income," "Mutual Funds," "Corporate Action," and "Information Technology." Meanwhile, TDCC serves as the sole backend support to the capital market's infrastructure, information center and data center. Entrusted with the mission of "building a secured, efficient and cost-effective back-end infrastructure," TDCC adopted a customeroriented approach in developing the clearing, settlement and custodian system with security, convenience and efficiency.

In order to fulfill its social responsibilities and commitment, TDCC shows great support and care to the vulnerable groups by inviting 8 charity organizations including Down Syndrome Foundation R.O.C. to participate in the charity fair; meanwhile. children from Shihding Elementary School were invited to deliver an ocarina performance which brought much joy to the celebration. In addition to charity fair and live performances, TDCC also hosted more than 100 children and their families from the Taiwan Fund for Children and Families (TFCF) of the Taipei region to join the event.

Chairman Ding Kung-Wha encouraged TDCC employees to further enhance company's service for greater efficiency, and take initiative in creating values for users by introducing innovative and refined services, and ultimately increase the competitiveness of the nation's capital market.















## **TDCC Explores Open Data Opportunities**

## **Experts Invited to Share Opinions during "Open Data Application** and Innovative Service Forum"



Celebrating its 25th anniversary, Taiwan Depository & Clearing Corporation held an "Open Data Application and Innovative Service Forum" on November 6 to resonate the government's policy of information transparency and catch up the world trend of open data.

The forum, chaired by TDCC President Sherman Lin, featured representatives from National Development Council, Science and Technology Law Institute, University of Taipei, Deloitte Taiwan, Securities and Futures Bureau of Financial Supervisory Commission, and Fiscal Information Agency of Ministry of shared their valuable Finance, opinions with respect to the application and the innovation service of open data. The forum was intended to spark inspiration about where and how TDCC should progress in the future, while highlighting new data applications and services.

President Sherman Lin expressed that increasingly transparent disclosure of government information around the world was the reason why the Executive Yuan to began to provide Open Data services since 2013. By making information available to institutions and companies, the government hoped to inspire creativities and new business opportunities that would benefit the nation as a whole.

As of September 2014, the

government had made 2,600 datasets available to the public, which set pace for the openness of government data in the future. Both USA and Singapore have set Taiwan into their Open Data Internationally map and International Data Sites. Therefore, countries around the world may easily access and retrieve Taiwan government's open data through the linkage. Keeping the immense volume of securitiesrelated data, TDCC should always take into account of the efficiency of open data processing.



## TDCC Information Technology

## **TDCC Information Security Policy (7)**

#### **I.Security Management Information Assets**

**Section 1:** Creation and Protection of Information Asset Directory

- (1)An information asset directory should be established information systems specifying the type, owner and security rating of information assets.
- (2)Information asset types may include the following:
  - 1.Electronic information assets.
  - 2. Physical assets.
  - 3. Software assets.
  - 4. Public facilities.
  - 5. Paper documentation.
  - 6.Personnel.

Section 2:Classification of **Information Security Ratings** 

- (1)A classification scheme information security ratings as well as corresponding protective measures should be established in accordance with the "Classified National Security Information Protection Act". "Personal Information Protection Act" and other relevant government transparency legislation.
- (2)Information security ratings should take into account the data's confidentiality, accuracy usability to reduce the operational impact from unauthorized system access or system failure.

- (3)Information security can be classified into three grades: Confidential. Sensitive and General.
- (4)The responsibility for the classification of information security ratings should rest with the data's business process owner.
- (5)If information security ratings defined by other companies must be implemented or referred to, attention must be paid ensuring towards that definitions and standards are consistent with our company's information own security ratings.







## TDCC Information Technology

## **II.Physical and Environmental Security Management**

Section 1:Equipment Security Management

- (including (1)Equipment computers, power and communications cabling) should be situated in an appropriate location and given proper protection to reduce risks from environmental dangers as well as reduce the chance of unauthorized system access.
- (2)Backup power supplies should be considered for the power supply and a response procedure defined for the failure of the uninterruptible power supply. Additional security measures should be taken for very sensitive or critical systems.
- (3) Equipment should be properly maintained to ensure their integrity and continued serviceability.
- (4)Information equipment placed outside for supporting business operations should follow the same information security management authorization regulations and be maintained at the same standard of security as internal information equipment.
- (5) Equipment containing storage media (e.g. hard disks) should be inspected before disposal to ensure that all confidential and sensitive data as well as copyright software have been removed.
- (6)To prevent the misuse of information facilities, provided information facilities for non-business used

purposes or have usage requirements that fall outside of what was authorized, approval of the competent supervisor must be sought and the relevant personnel held responsible. Appropriate disciplinary action should be taken against improper use.

Section 2:Peripheral Security Management

- (1)Security peripheral environment:
  - 1. The security of the physical environment should based on the peripheral facilities planned in advance and necessary obstacles put into place (e.g. User ID card) to fulfill the goal of security control.
  - 2. The level of protection for the physical environment should be based on the security risks associated with the information assets and system value.
  - 3.Surveillance equipment should be installed for the security of the physical environment and the of serviceability the equipment inspected random intervals.
- (2)Personnel access control:
  - 1.Restricted areas should have suitable access control measures (e.g. ID card). The purpose and entry/exit times visitors should recorded to ensure that only authorized personnel may enter (e.g. server rooms, media archives etc.)

- 2.Information or maintenance personnel from computer vendors may only enter restricted areas when requested when authorized. Their activities should be restricted (e.g. restrict access to sensitive data) and supervised as necessary.
- (3)Security management of server rooms:
  - 1.The server room should be provided with sound physical security measures; the choice of location should take into account possibility of natural and man-made disasters such as flooding, fire and earthquakes. Neighboring spaces' potential threat to security should also be considered.
  - 2.All personnel access to the data center should comply the with company's "Management Guidelines for Server Room Access Control".
- (4)Security management of office desktops:
  - Personal computers terminals should be switched off, logged off or other control measures taken when not in use.
- (5)Security management property transfer:
  - Computer equipment, data or software may not be removed from the office without authorization



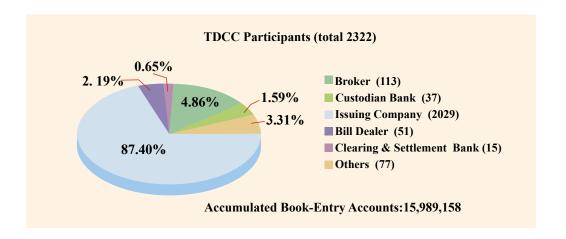












The Shares and Market Capitalization under TDCC Custody

(Million Shares/Billion NT)

Item	Physical securiti	ies under custody	Demateriali	zed securities u	Total		
Year Month	Shares	Market Capitalization	Shares(A)	Ratio (A/B)%	Market Capitalization	Shares(B)	Market Capitalization
2013 Nov	36,842	372.43	1,031,967	90.10	28,732.74	1,068,809	29,105.18
2013 Dec	36,861	372.62	1,035,578	90.18	29,627.81	1,072,440	30,000.44
2014 Jan	36,928	372.29	1,041,793	90.24	29,051.66	1,078,722	29,424.96
2014 Feb	36,867	372.67	1,043,262	90.26	29,988.33	1,080,129	30,361.01
2014 Mar	36,819	372.20	1,043,974	90.27	30,705.00	1,080,793	31,077.20
2014 Apr	36,800	372.01	1,052,868	90.34	30,526.04	1,089,669	30,898.05
2014 Jun	36,904	373.02	1,047,913	90.29	32,719.48	1,084,818	33,092,51
2014 Jul	36,889	372.87	1,042,042	90.25	32,281.42	1,078,931	32,654.29
2014 Aug	36,852	372.51	1,041,860	90.30	32,307.19	1,078,713	32,679.70
2014 Sep	37,229	376.27	1,048,442	90.32	31,311.52	1,085,671	31,687.80
2014 Oct	37,200	375.98	1,051,361	90.35	31,210.50	1,088,562	31,586.48
2014 Nov	36,836	372.34	1,054,760	90.41	32,131.49	1,091,597	32,503.83

TDCC still has 7.35 million pieces of stocks which have been de-listed from the TWSE or GreTai markets. The outstanding of such physical stocks equals to 9.72% of all TDCC depository shares.

#### **Statistics of Listed Companies**

Item	TWSE				GreTai				
Year Month	NO.	Capital Issued (Billion NT)	Par Value (Billion NT)	Market Value (Billion NT)	NO.	Capital Issued (Billion NT)	Par Value (Billion NT)	Market Value (Billion NT)	
2013 Nov	828	6,603.04	6,462.46	23,875.85	652	659.41	626.35	2,165.04	
2013 Dec	838	6,610.02	6,488.00	24,519.56	658	661.84	628.11	2,324.82	
2014 Jan	840	6,613.96	6,497.19	24,137.80	662	663.44	637.89	2,395.80	
2014 Feb	841	6,625.59	6,498.46	24,567.87	660	661.61	635.66	2,585.14	
2014 Mar	843	6,627.46	6,504.15	25,187.45	663	664.64	638.56	2,655.25	
2014 Apr	844	6,654.38	6,528.32	25,090.64	664	665.65	640.78	2,592.03	
2014 Jun	845	6,665.19	6,547.78	26,852.67	666	668.36	640.00	2,843.28	
2014 Jul	846	6,696.18	6,550.93	26,662.07	669	671.64	640.00	2,689.07	
2014 Aug	847	6,798.76	6,585.91	27,052.23	672	677.17	638.00	2,634.48	
2014 Sep	847	6,772.02	6,624.92	25,790.08	673	679.45	638.00	2,616.29	
2014 Oct	849	6,777.28	6,635.98	25,837,372	678	679.43	639.00	2,464.62	
2014 Nov	849	6,771.85	6,659.39	26,446,772	681	680.59	639.00	2,501.07	







#### **Statistics of Bills Clearing & Settlement**

Million NT

Item	Primary Market						
Year Month	Underwriting/First	Redemption	Buy/Sell	Repo-Open	Repo-Close	Subtotal	Total
2013 Nov	797,731	762,924	1,500,706	1,558,382	1,623,502	4,682,590	6,243,245
2013 Dec	809,018	813,798	1,402,320	1,676,224	1,596,754	4,675,298	6,298,114
2014 Jan	848,635	770,567	1,551,194	1,509,738	1,562,414	4,623,346	6,242,548
2014 Feb	765,694	772,821	1,400,380	1,299,974	1,286,350	3,986,704	5,525,219
2014 Mar	849,434	833,780	1,496,288	1,478,150	1,473,056	4,447,494	6,130,708
2014 Apr	820,937	802,621	1,448,930	1,650,164	1,614,186	4,713,280	6,336,838
2014 Jun	862,094	871,738	1,559,038	1,457,556	1,428,784	4,445,378	6,179,210
2014 Jul	921,856	839,838	1,675,532	1,606,142	1,621,074	4,902,748	6,664,442
2014 Aug	908,055	917,553	1,633,590	1,638,048	1,603,566	4,875,204	6,700,812
2014 Sep	877,184	923,780	1,627,214	1,642,482	1,681,092	4,950,788	6,751,752
2014 Oct	880,424	909,817	1,521,958	1,694,716	1,708,040	4,924,714	6,714,955
2014 Nov	834,212	807,078	1,438,234	1,525,342	1,537,344	4,500,920	6,142,210

#### Par Value of Bills and Bonds Under Central Depository

Million NT

Item Year Month	Bonds	Commercial Paper I	Commercial Paper II	Negotiable Certficate of Deposit	Bank Acceptance	Asset Backed Commercial Paper	Municipal band	Total
2013 Nov	2,784,053	105	1,220,339	81,656	310	2,012	0	4,088,475
2013 Dec	2,975,792	161	1,199,195	97,567	706	2,012	0	4,275,433
2014 Jan	3,011,263	158	1,249,874	124,999	665	2,012	0	4,388,971
2014 Feb	2,991,537	150	1,259,648	108,307	462	2,011	0	4,362,115
2014 Mar	2,995,439	158	1,269,852	86,897	310	2,011	0	4,381,667
2014 Apr	2,988.284	139	1,336,675	65,010	706	2,011	0	4,392,825
2014 Jun	3,097,318	177	1,301,487	102,946	1,050	0	0	4,502,978
2014 Jul	3,132,569	166	1,409,552	79,966	993	0	0	4,620,246
2014 Aug	3,147,636	153	1,396,034	70,668	1,325	0	10,000	4,625,816
2014 Sep	3,161,506	169	1,326,682	93,732	999	0	10,000	4,593,088
2014 Oct	3,204,390	177	1,291,419	99,519	1,075	0	10,000	4,606,580
2014 Nov	3,269,048	174	1,319,725	108,022	1,403	0	0	4,698,372

Note:Starting July 2008, the value of bonds are changed from par value to principal balance.

### **Statistics of Book-Entry Operations**

1,000 Shares

Item	TWS	SE	G	Emerging Stocks	
Year Month	Total Trading Volume	Average Daily Trading Volume	Total Trading Volume	Average Daily Trading Volume	Trading Volume
2013 Nov	78,372,378	3,732,018	15,935,585	758,837	498,402
2013 Dec	78,864,747	3,584,761	18,778,536	853,570	664,771
2014 Jan	83,226,293	4,623,683	19,684,682	1,093,593	560,462
2014 Feb	73,859,786	4,344,693	21,548,313	1,267,548	687,033
2014 Mar	93,964,513	4,474,501	30,151,875	1,435,804	892,087
2014 Apr	100,021,887	4,762,947	28,047,094	1,335,576	689,275
2014 Jun	101,664,875	5,083,244	29,086,546	1,454,327	806,133
2014 Jul	135,338,088	6,151,731	29,117,535	1,323,524	748,219
2014 Aug	115,095,809	5,480,753	24,370,452	1,160,498	501,469
2014 Sep	102,615,795	4,886,466	20,877,318	994,158	431,295
2014 Oct	114,145,886	5,188,449	22,338,645	1,015,393	457,064
2014 Nov	103,391,639	5,169,582	19,036,751	951,838	338,617







