

English

2013

VCCI ANNUAL REPORT

ANNUAL REPORT



VCCI Council
<http://www.vcci.jp/>



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VCCI Council

VCCI Council

The mission of VCCI is to contribute to the sound development of Japan's information society by establishing a scheme with which VCCI members voluntarily control electromagnetic emissions from information technology equipment such as computers, telecommunication equipment and electronic office products so that other electrical/electronic equipment including radios and televisions will not be disturbed by such emissions.

Specific activities to this mission are as follows:

Scope

- | | |
|---|--|
| <p>1 Formulate basic policies on voluntary control of electromagnetic disturbances emitted by information technology equipment</p> <p>2 Coordinate the interest of member organizations and liaise with the government and related agencies</p> <p>3 Receive and file Conformity verification report with the voluntary control standards and issue reception acknowledgement in return</p> <p>4 Carry out market surveillance (with sampling test commissioned to third party testing laboratories)</p> <p>5 Regularly review the suitability of the Technical Requirements for necessary revisions by research and experiments and share the results with members</p> <p>6 Hold measurement skills courses to prepare members' engineers for adequate conformity assessment</p> | <p>7 Study trends in overseas EMC regulations and seek opportunities for mutual recognition agreement</p> <p>8 Examine credentials of measurement laboratories and facilities based on the measurement facilities registration system</p> <p>9 Do PR activities for general consumers and reach out to potential companies and associations for encouraging them to join VCCI</p> <p>10 To run the Kit Module program</p> <p>11 Administer other programs for effective operations of the voluntary control</p> |
|---|--|

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Greetings



President
Hidekazu Hasegawa

Dear Members,

The darling easy-money policy under the dynamic financial doctrine which has been implemented since the change of regime that took place late in the year before last has brought about the recovery of stock prices and correction of high-yen situation. Under the circumstances there are signs of the gradual recovery in the performance of domestic companies. So far, however, benefits receivers are generally limited to large exporting related companies while small and medium companies are still left behind. It is important to boldly implement the growth strategy as nicknamed "the third arrow" to realize further and stable growth. Once the deflation turns to the inflation as expected by the government the business will become brisk and the growth is secured out of today's still foggy situation. This in turn will stimulate members' business activities to result in the release of more innovative new products in the market. We are grateful that we will be able to keep playing our role under this promising situation with the great support of government agencies, related organizations and VCCI members.

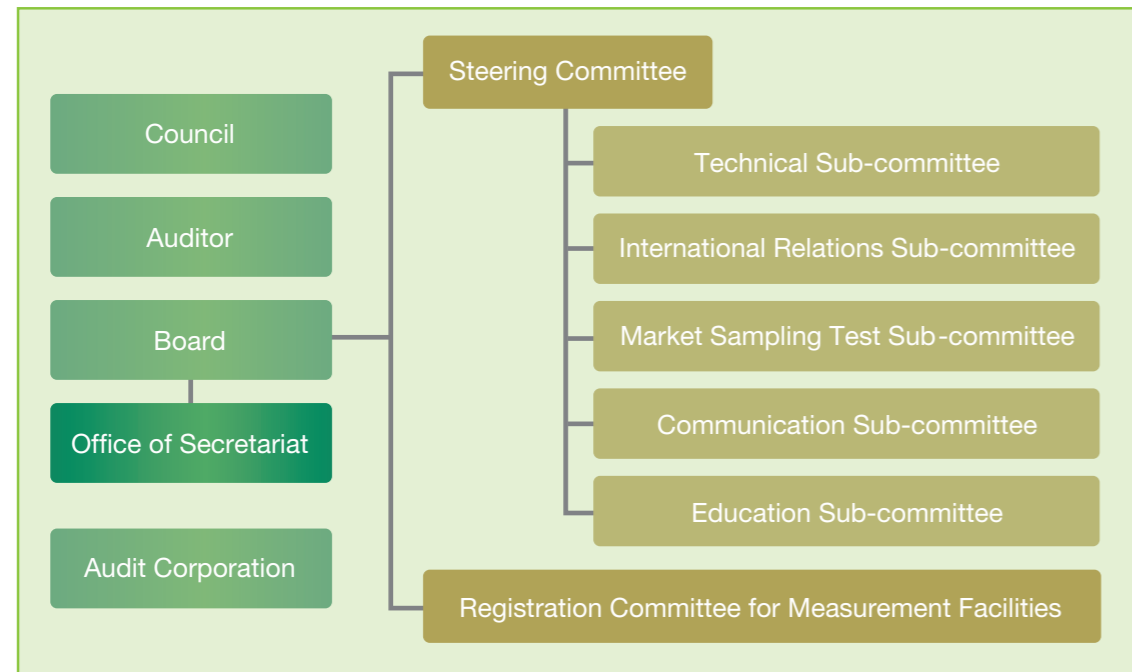
The value of VCCI primarily depends on the trustworthiness of the VCCI mark. We take pride in our uncompromised operations in administering measurement facility registrations and members' declaration of conformity backed by their pre-shipment conformity verification filings to VCCI. Market sampling test on the products distributed in the market is to further heighten the credibility of the VCCI mark. We are committed to steadily maintain the level of our operation now reputed as the de facto standard in Japan for controlling EMI from ITE.

Harmonization of EMI standards is promoted on a worldwide basis because the importance of EMI as well as Product Safety is increasingly recognized in designing ITE to be distributed globally. At this juncture the 2nd edition of CISPR32 is to be released any day now following the 1st edition released in the year before last. The endorsement of the 2nd edition by the Japanese government as Japanese standard is expected in the next year. There defined in CISPR32 are new testing schemes such as those needing FAR (Fully Anechoic Room). Therefore, it is important for us to study CISPR32 in detail to identify practical problems and find solutions to them. It is our intention to positively tackle the problems in collaboration with related industries.

On the front of external affairs we are positively engaged in such activities as conducting technical symposium, training seminars for measurement engineers on a regular basis and EMC seminars cohosted with prefectural industrial technology centers on ad hoc basis among others, through which we tried to disseminate information on EMC regulations and standards. We were also positively engaged in public relations activities to raise the profile of VCCI among general public. Hosting annual EMC international forum in Tokyo and participation in overseas meetings with BSMI of Chinese Taipei, ITI of the US and R&TTE of Europe among others helped us be abreast of EMC situations in the world. We also made presentations on VCCI technical papers in IEEE symposium and ran the VCCI booth in trade shows on a worldwide basis which we believe have contributed to the promotion of the world awareness of VCCI's activities.

We will continue our engagement in the preservation and improvement of adequate radio environment in Japan for the benefit of general consumers while meeting the need of VCCI members. We would appreciate your support for us to better serve you all.

Organization



Councilor

Chairman of Councilor

Eisuke Masada

Railway Technical Research Institute

Councilor

Akira Ohya

Previous Japan Broadcasting Corporation

Councilor

Hirofumi Ono

Former Inspector, Previous Hitachi, Ltd.

Councilor

Ryuji Koga

Okayama University

Councilor

Masamitsu Tokuda

Tokyo University

Councilor

Tetsuro Fukushima

Previous Japan Audit and Certification Organization for Environment and Quality

Councilor

Osamu Fujiwara

Nagoya Institute of Technology

Councilor

Eiji Yamada

Japan Electrical Safety & Environment Technology Laboratories

Director

President

Hidekazu Hasegawa

Japan Electronics and Information Technology Industries Association

Director

Kazuo Ohki

Communications and Information network Association of Japan

Director

Hideo Nakanishi

Japan Business Machine and Information System Industries Association

Director

Shozo Satake

VCCI Council

Inspector

Auditor

Satoshi Shibata

Previous Panasonic Corporation, Former Chairman of VCCI Steering Committee

Auditor

Hiroaki Hasegawa

DOCOMO Datacom, Inc.

Audit Corporation

Audit Corporation

ERNST & YOUNG ShinNihon LLC

Committees

Steering Committee

Oversees subcommittees' activities and endorses their resolutions, handles general managerial matters of VCCI and makes proposals to Board of Directors.



Chairman
Shinji Mine
NEC Computertechno, Ltd.

Market Sampling Test Subcommittee

Tests sampled ITE distributed in the market in order to monitor if they are in conformance with VCCI requirements as declared. Actual testing is commissioned to VCCI designated testing laboratories.



Chairman
Shin Kanno
NIPPON TELEGRAPH AND TELEPHONE CORPORATION (NTT)

Measurement Facilities Registration Committee

Deliberates and authorizes qualification of members' EMI measurement sites and instruments for registration to VCCI based on the result of validation of them against the VCCI requirements. This is the foundation for product conformity verification report filed to VCCI by members.



Chairman
Hiroshi Inoue
The Open University of Japan

Technical Subcommittee

Sets and maintains the VCCI Technical Requirements covering standardized EMI limits, measurement methods and product conformity assessment procedure which underpin the scheme of voluntary control of electromagnetic interference from ITE to conserve sustainable radio environment.



Chairman
Ryotaro Hoshi
Hitachi Information & Telecommunication Engineering, Ltd. EMC Center

Communications Subcommittee

Carries out public relations activities including publication of VCCI Dayori (quarterly journal) and Annual Report both in Japanese and English, circulation of a variety of publicity brochures, administration of VCCI Website and participation in related trade shows with VCCI booth.



Chairman
Yukio Uchida
Panasonic Corporation

International Relations Subcommittee

Liaises with related organizations overseas to appropriately communicate VCCI activities to them and obtains information in return on EMC related standards and regulations in the world. Keeps abreast VCCI members of findings for their information.



Chairman
Hiroaki Suzuki
CASIO COMPUTER CO., LTD.

Education Subcommittee

Educates and trains EMC managers and measurement engineers on VCCI rules and requirements as well as measurement techniques by organizing regular courses and technical seminars.



Chairman
Minoru Hirata
Hitachi, Ltd.

As of March 31, 2014

General Operations

VCCI has been run for five years since its reconstitution as general incorporated foundation "VCCI Council." Operations coordinated with Subcommittees in this reporting period went essentially as planned. Following the CISPR Ottawa meeting in November which resolved to proceed with the standardization of VHF-LISN proposed by VCCI, VCCI made the final report on the result of international Round Robin Test of VHF-LISN in CISPR/SC-1/WG2 Hong Kong meeting. As a result the preparation of DC document for 2014 was initiated. In the front of contribution to academia VCCI made presentations on (1) the site validation method above 1GHz, (2) difference in EMI over telecommunication port by the vertical reference metal plane, and (3) the improvement of site correlations by VHF-LISN at <a> APEMC 2013 in Melbourne in May, 2013 IEEE EMC in Denver in August and <c> EMC EURO2013 in Belgium in September. In terms of external relations with agents of foreign governments and related organizations, VCCI met BSMI of the Chinese Taipei government in April, June, November and January for information exchange. In August VCCI met ITI to brief them on VHF-LISN whose standardization is led by VCCI in CISPR. VCCI attended R&TTE CA meeting in May and EUANB meetings in November both in Europe to exchange information and promote a cordial relationship with them. In March VCCI met with Korean RRA on the policy on the implementation on CISPR32. Turning to domestic activities, VCCI continued regular prefectural level outreach program in the form of EMC seminar under the joint auspices of prefectural industry technology centers - Ishikawa prefecture in August, Tottori prefecture in November and Ehime prefecture in February. In October prepared a policy document "New approach of VCCI" taking into consideration the shift of the EMC standard to CISPR32 and the revised Electrical Apparatus and Material Safety Law on which the VCCI taskforce has been working. MRA effectuated on April 1, 2007 by way of exchange of MOU between Japan and the US on EMC testing laboratories in the both countries has been smoothly functioning. In August for information exchange we visited NVLAP and A2LA which are MOU designated accreditation bodies in the US side. The number of testing laboratories and facilities registered in this program by March 2013 are 85 laboratories and 1 facility on the US side and 44 laboratories and 7 facilities on the Japan side.



ITI Meeting

Abbreviations:
BSMI: Bureau of Standards, Metrology & Inspection
ITI: Information Technology Industry Council
R&TTE: Radio and Telecommunication Terminal Equipment Directives
EUANB: European Union Association of Notified Bodies
NVLAP: National Voluntary Laboratory Accreditation Program
A2LA: The American Association for Laboratory Accreditation
RRA: National Radio Research Agency

Standards Setting

(1) The following seven standing working groups under the Technical Subcommittee were engaged in their assigned projects.

- [a] CISPR Project WG
- [b] CISPR32 WG
- [c] Radiated EMI Measurement Method WG
- [d] Conducted EMI Measurement Method WG
- [e] VHF-LISN WG
- [f] Antenna Calibration WG
- [g] Revision WG

(2) Major activities of each working group

- [a] CISPR Project WG
Participated in meetings of relevant national mirror committees (under the Ministry of Internal Affairs and Communications) to CISPR committees (A/H/I) in order to review/comment on documents in circulation and monitor directions in standards development. Also participated directly in SC-1/WG2 and WG4 in the capacity of expert member. Gave a briefing on recent direction in CISPR in the yearly VCCI technical symposium under the title of "Deliberation status in CISPR16, CISPR22 and CISPR32/35 in CISPR/SC-A and SC-I." Also reported in the symposium was "The International Round Robin Test on the comparison of measurement at participating laboratories

- using VHF-LISN."
[b] CISPR32WG
This WG newly established in this fiscal year was engaged in technical assessment of CISPR32 Ed.1, the new emission standard for multimedia equipment already published, and 5 CDVs under deliberation. The WG focused on the identification of potential problems in their transposition into VCCI Technical Requirements, which were then allocated to responsible WGs for their investigation.

- [c] Radiated EMI Measurement Method WG
Focused on the study of the following two items commissioned by the CISPR32WG. One is "Test volume allowance for the measurement with distance 3m," which was completed in the form of a report. The other is the investigation of potential technical problems in applying FAR to be included in CISPR32 Ed.2 to the site validation and measurement of radiated EMI.

- [c] Conducted EMI Measurement Method WG
Focused on the following two studies. One is the continuation of "Study of grounding condition, specifically the width of the grounding conductor, for AMN placed on a table 40cm high from horizontal metal reference plane." The other is "Study of application of transformer coupled ISN (8-wire) to measurement of conducted EMI over 2-wired telecommunication port." In this study the results of measurement using 2-wire transformer coupled ISN is compared with the result of measurement using resistance divided type ISN.

- [e] VHF-LISN WG
International Round Robin Test on VHS-LISN to control terminating condition of EUT's mains port proposed by VCCI to CISPR/SC-1 WG2 Sydney meeting was conducted with the participation of 16 sites of 9 countries as opposed to 20 sites of 5 continents in the phase of call for participation. Made an interim report in the Ottawa meeting and the final report in the Hong Kong meeting that followed.

- [f] Antenna Calibration WG
Did experiment on the comparison of measurement by hybrid antenna and bi-conical/log-periodic antenna. Examined the effect of hybrid antenna used in the measurement in 3m distance on the measurement results.

- [g] Revision WG
Revised (1)Technical Requirements, (2)Rules for market sampling test and (3)Rules for Registration of Measurement Facilities to be effectuated on April 1, 2014. As for (1), revised were the conditions for measurement of mains port and telecommunication ports, and site validation procedure above 1GHz. As for (2), revised were the terminology consistency, clarification of the intention of rules, and the flow chart on the overview of judgment procedure and as for (3) revised was the calibration cycle for the site validation from 6 months to one year to lighten the burden. Additionally guideline for the preparation of test report was made available in the members page of the VCCI website.

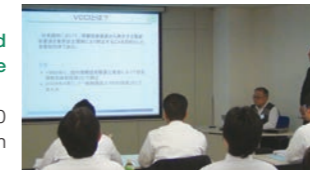


VCCI rules explanation meeting and technical symposium 2014

Technical Training Seminars

- (1) VCCI Course for Measurement Engineers
Presented diplomas to 27 trainees in two sessions held in May and September.

- (2) VCCI Basic Course for Measurement Engineers
"Basic Course" is designed to prepare entry level measurement engineers for the above course for experienced engineers. Two courses held in April and September were attended by 37 trainees in total.
- (3) Antenna Calibration/NSA Measurement Course
Presented diplomas to 5 trainees in a session held in October.
- (4) Training Course on Telecommunication ports conducted EMI measurement
Presented diplomas to 16 trainees in two sessions held in June and November.
- (5) Training Course on Radiated EMI measurement above 1GHz
Presented diplomas to 20 trainees in two sessions held in June and November.



VCCI Course for Measurement Engineers

Market Surveillance

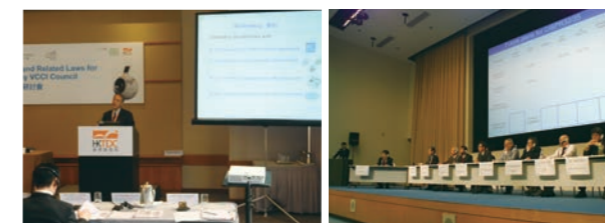
Carried out market sampling tests in accordance with the Rules for the Voluntary Control Measures. The number of samples selected was 119 out of the category of personal computers, peripheral equipment and the like but 9 were dropped due to reasons including production phased out and the owner members unreachable. Therefore, the net tested were 110 samples. The result was 97 of 110 samples "passed," 13 samples judged "failed-tentative" of which 5 samples were finalized as "passed" and the remaining 8 samples were finalized as "failed."

Quarters	Tests on purchased samples				Tests on loaned samples				Total
	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	
Passed	11	20	16	1	0	22	28	4	102
Failed	0	0	2	0	0	3	2	1	8
Total	11	20	18	1	0	25	30	5	110

Arbitrary inspection of the test report accompanying the filed conformity verification report was done on 40 cases. 39 passed and 1 failed. The owner of failed report was asked to redo the measurement. Fact-finding surveys on the display of the VCCI mark on products at shop front (1,600 products of 110 companies) resulted in the lack of the mark on products of 46 VCCI member companies and in illegitimate display on products of a non-member company, who were all warned to rectify the situation.

International Activities

- Conducted the following activities for information gathering on EMC situations overseas
- (1) Updated the table of world ITE standards
- (2) On April 14, 2013 - Conducted a workshop at Hong Kong Electronics Show covering the introduction of VCCI, its operational procedures and the gist of the Technical Requirements as well as Japanese regulatory situations
- (3) On March 10, 2014 - Held a workshop in Seoul, Korea covering introduction of VCCI, its operational procedures and the gist of the Technical Requirements as well as Japanese regulatory situations
- (4) On February 21, 2014 - Held a yearly VCCI International Forum in the United Nation University in Tokyo with guest speakers invited from three organizations of EU, Korea and Vietnam. It was the first time for us to invite a speaker from Vietnam where obtaining information on EMC situation is difficult. EU speakers covered update on R&TTE and EU Directives and market surveillance.



Workshop in Hong Kong

VCCI International Forum

Public Relations

- (1) Participated with a VCCI exhibition booth in Techno-Frontier 2013 held at Tokyo Big Sight from July 17 through 19, 2013
- (2) Participated with a VCCI exhibition booth in Computex Taipei 2013 held at Taipei World Trade Center from June 4 through 7, 2013
- (3) Posted an illuminated advertisement board in JR Akihabara Station and Osaka Station to increase public awareness of the VCCI mark. Placed transit advertisement on VCCI on Tokyo metropolitan bus. Also placed adhesive label ad on the door windows of Metro Hibiya line.
- (4) Ran advertisement on VCCI in the special editions of the Nikkei Sangyo Shimbun and the Nikkan Kogyo Shimbun featuring EMC. Also contributed an advertising article to the Mainichi School Children Shimbun.
- (5) Had Japan Nation-wide name recognition degree survey on VCCI via the Nihon Keizai Shimbun and the Nikkan Kogyo Shimbun. (The resulted recognition degree was 1.4%)
- (6) Distributed a VCCI calendar printed with a table of IT standards in the world
- (7) Published Japanese and English versions of "The VCCI Dayori" for No.109 through No.112
- (8) Published Annual Report according to established practice



Illuminated advertisement board in JR Osaka Station

Adhesive label ad on the door windows of Metro Hibiya line

Measurement Facilities Registrations

The number of measurement facilities registered in FY2013

Category of measurement facility	Inventory
Radiated EMI (R)	128
Mains port conducted EMI (C)	130
Telecommunication port conducted EMI (T)	85
Radiated EMI above 1GHz (G)	87
Total	430
The number of registered laboratories (A)	119

Cumulative number of registrations as of March 31, 2014

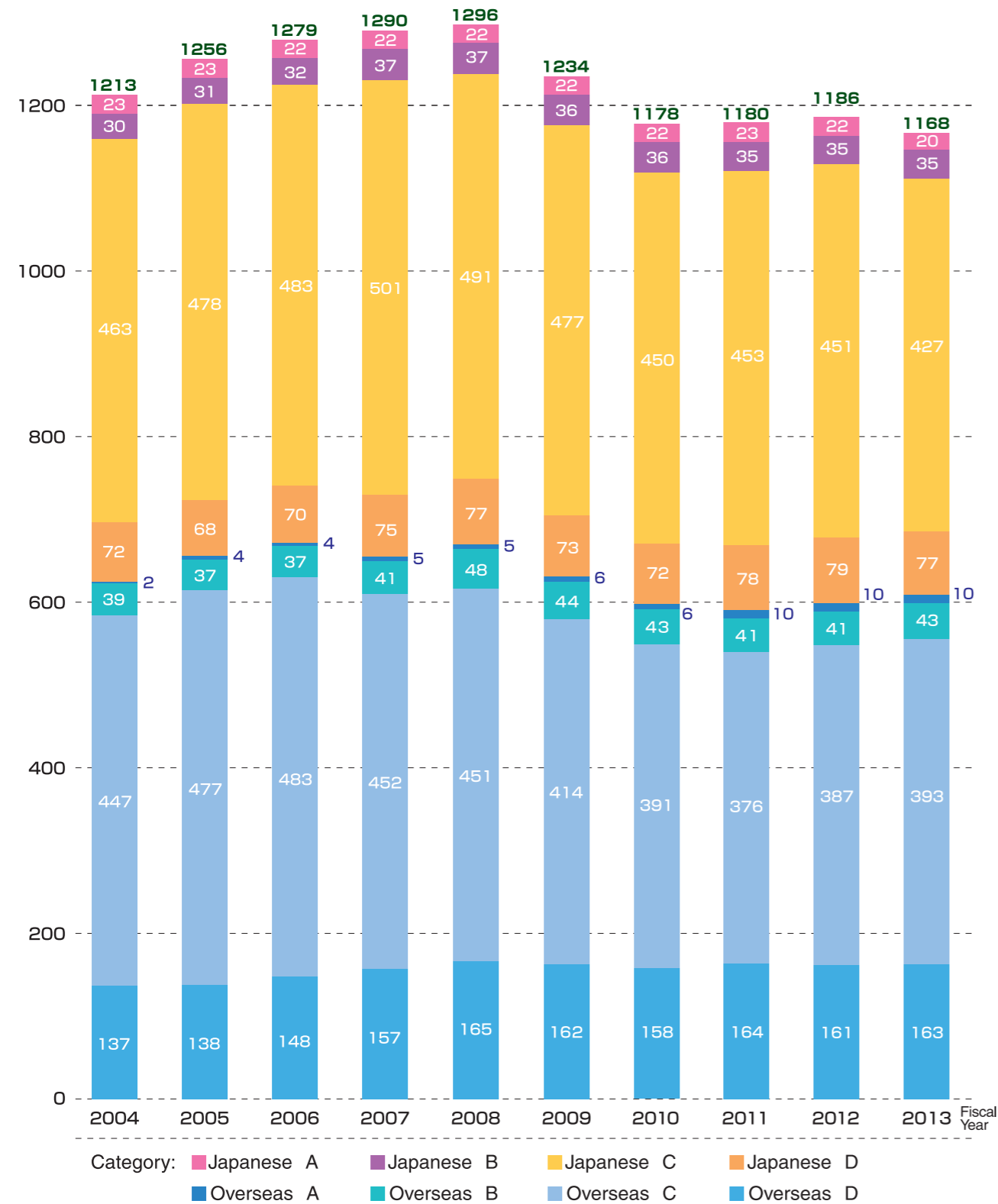
Category of measurement facility	Inventory
Radiated EMI (R)	377
Mains port conducted EMI (C)	400
Telecommunication port conducted EMI (T)	304
Radiated EMI above 1GHz (G)	273
Total	1354
The number of registered laboratories (A)*	130

*Note: (A) indicates the number of laboratories registered in the website in accordance with Article 15 since July 1, 2012.

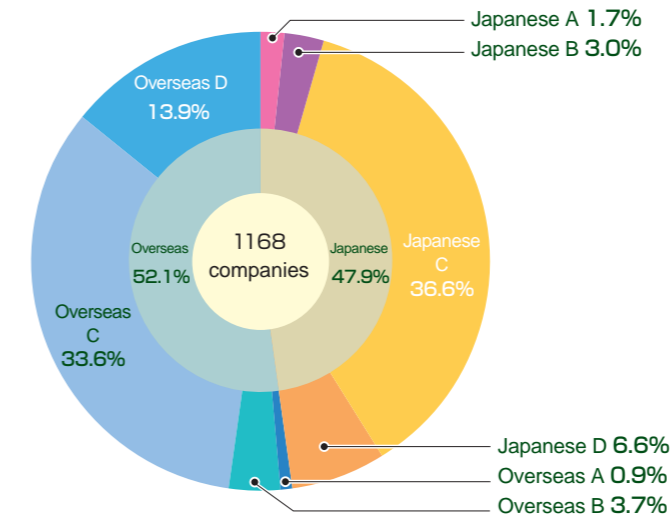
Transition of Membership

Member category A,B,C : Regular Members who are eligible to submit Conformity verification report.
Member category D : Supporting Members such as test and measurement companies.

Number of member companies
1400

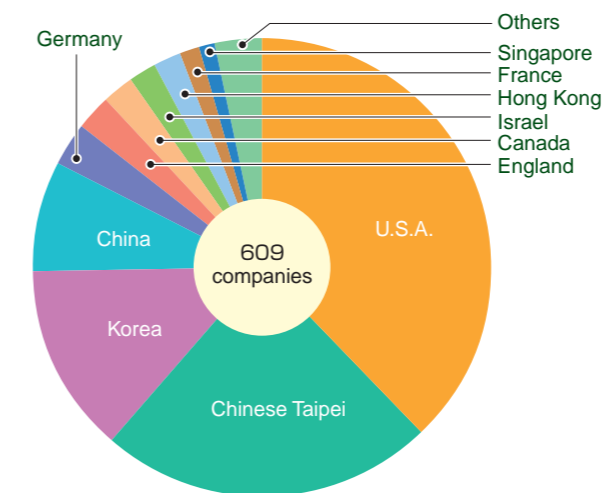


Composition of Members



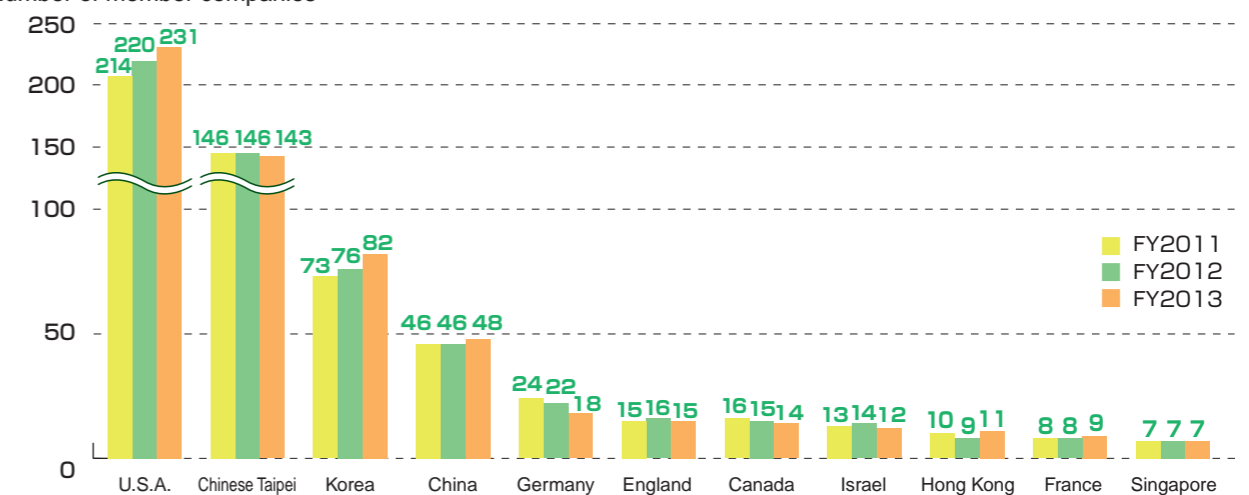
Member category	Number of Members	%
Japanese A	20	1.7%
Japanese B	35	3.0%
Japanese C	427	36.6%
Japanese D	77	6.6%
Overseas A	10	0.9%
Overseas B	43	3.7%
Overseas C	393	33.6%
Overseas D	163	13.9%
Total	1168	100%

Composition of Overseas Members



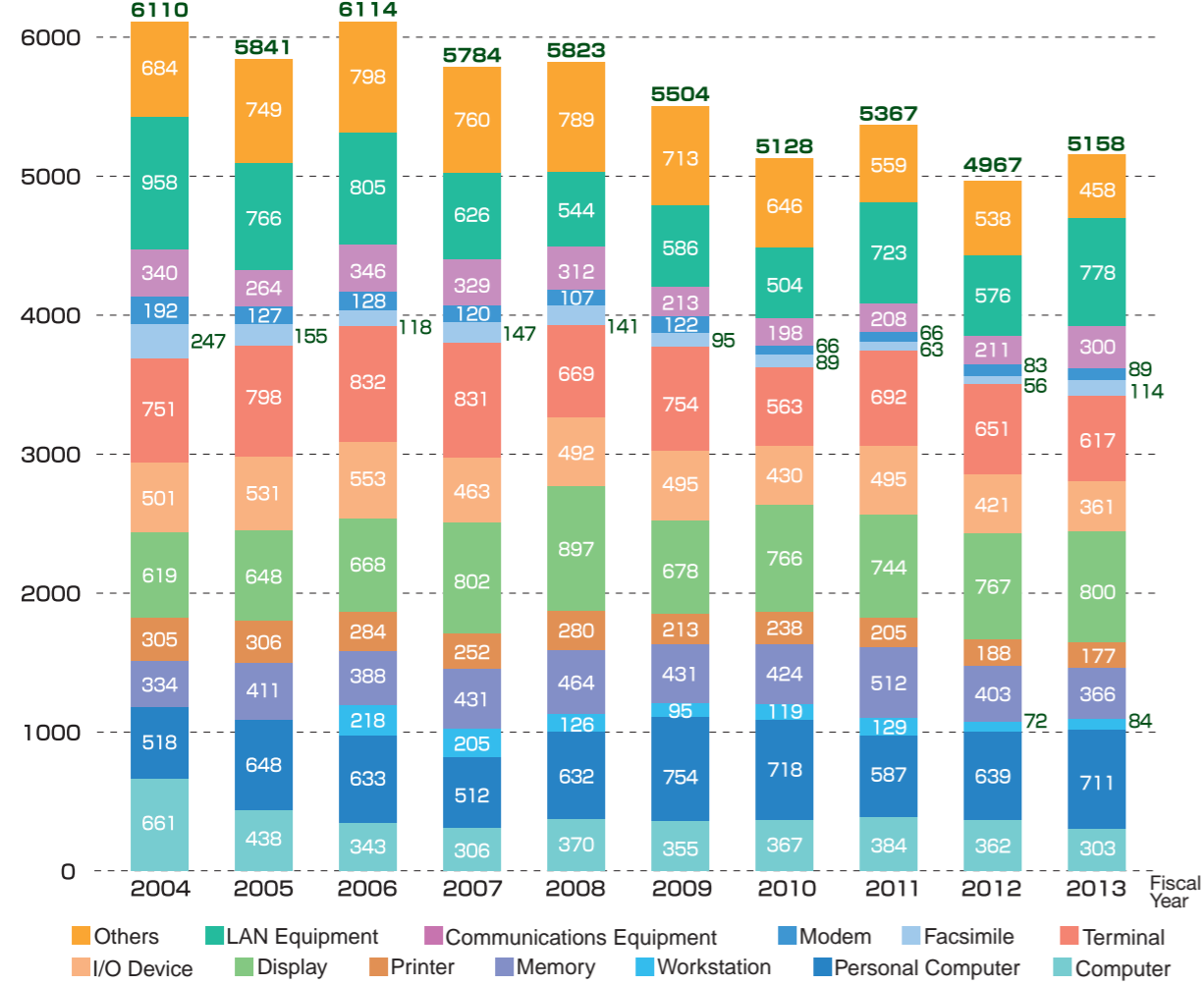
Countries	Number of Members
U.S.A.	231
Chinese Taipei	143
Korea	82
China	48
Germany	18
England	15
Canada	14
Israel	12
Hong Kong	11
France	9
Singapore	7
Others	19
Total	609

Number of member companies



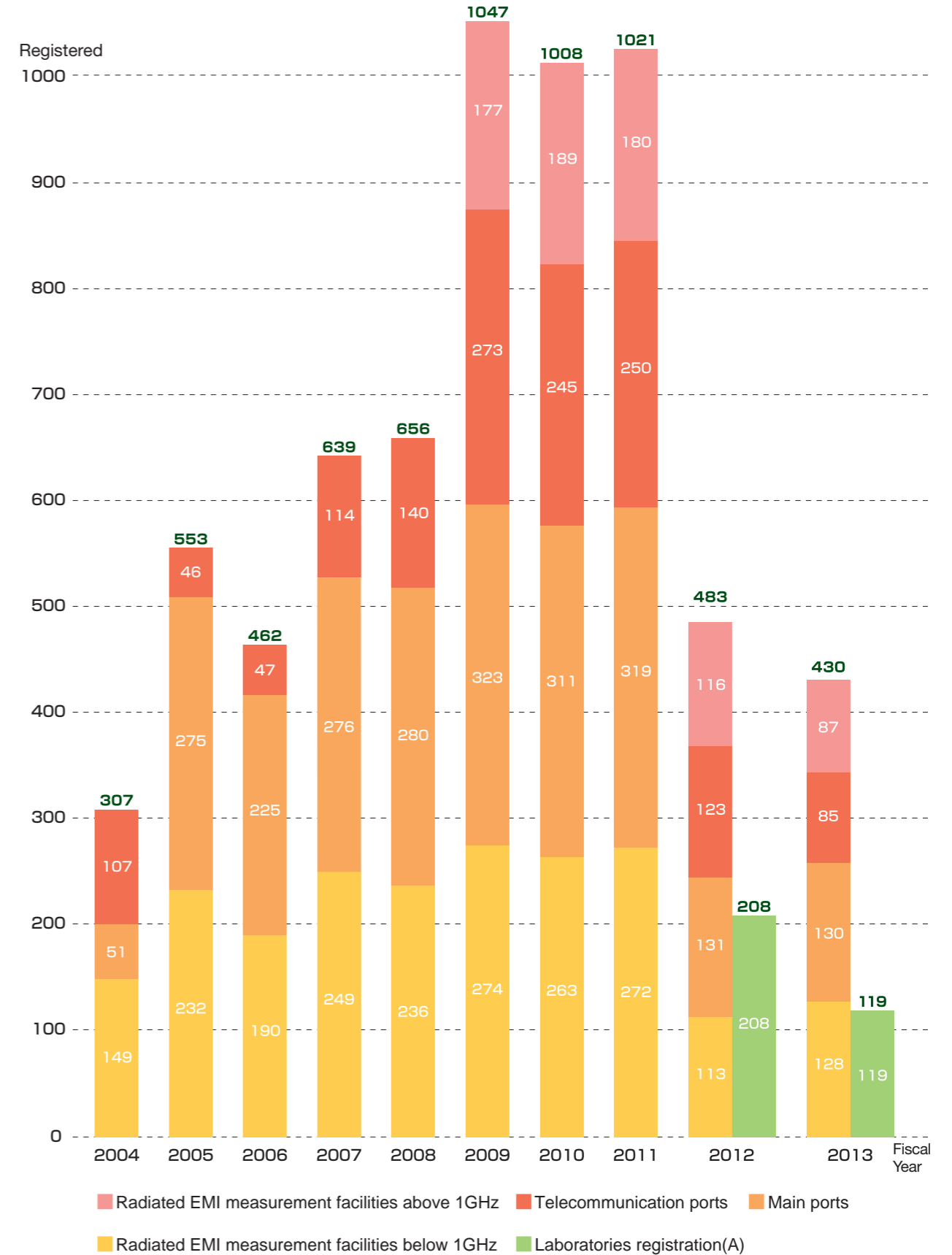
The number of filed Conformity Verification Report

Number of Conformity Verification Reports submitted



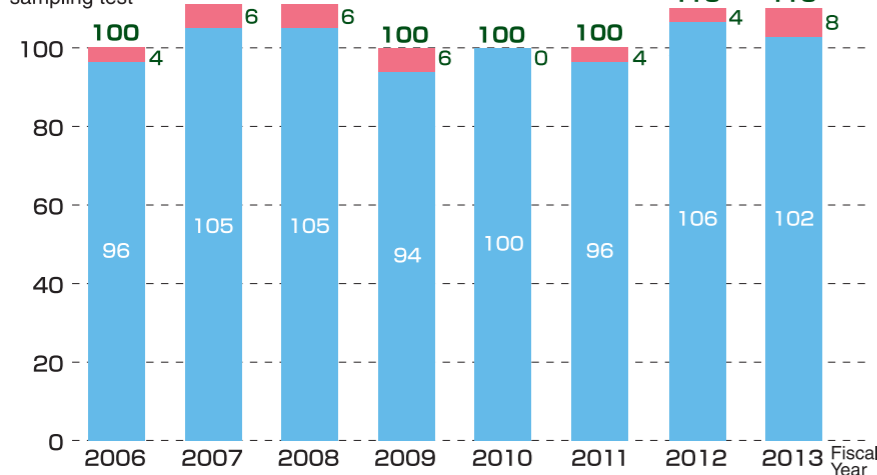
Change in the number of registered measurement facilities

Registered



Market Surveillance Results

Number of market sampling test



Failed (Not complied)
Passed (complied)

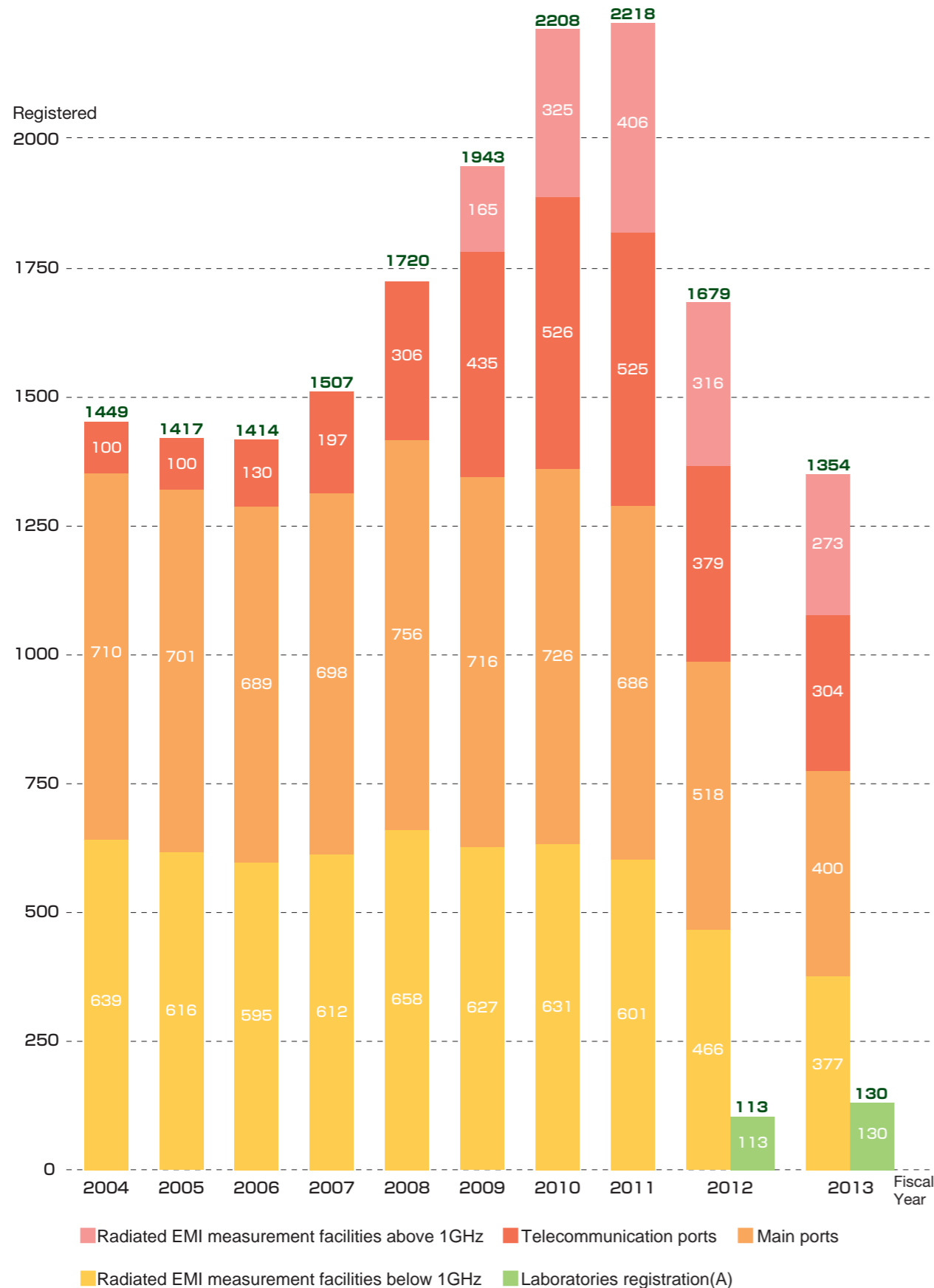
Details

Japanese Member	Overseas Member
60	50

Overseas Items

Chinese Taipei	U.S.A.	Korea
24	9	9
Singapore	Others	
2	6	

Change in the inventory of registered measurement facilities



About VLAC

VLAC, The Voluntary EMC Laboratory Accreditation Center, is a laboratory accreditation body separated from VCCI in 1999. VLAC specializes in accreditation of laboratories for their competence in testing of electromagnetic emission from ITE in accordance with VCCI requirements based on ISO/IEC 17025:2005 prescribing requirements for management system and technical fitness a testing laboratory is required to meet. In addition VLAC covers a wide variety of testing for accreditation including emission and immunity on electronic-electrical equipment, medical equipment, vehicle-mounted electronic equipment, electronic equipment used in railroad, vessels and elevators, performance testing of telecommunication terminals, measurement of SAR, airborne noise testing, and even electrical power consumption testing for home electronic equipment. The number of VLAC accredited testing sites is 37 of 29 testing laboratories as of the end of FY2013.

Details are available at VLAC Website <http://www.vlac.co.jp/>



ILAC Combined MRA Mark



Certificate of Accreditation



Scope of Accreditation (testing category)



Scope of Accreditation (testing standards)

VCCI Commissioned Testing Laboratories



TELEC (Telecom Engineering Center) – EMC Laboratory

URL: <http://www.telec.or.jp/>

Street address: 7-2, 5 Chome, Yashio, Shinagawa-ku, Tokyo, Japan 140-0003

TELEC is a public testing laboratory providing technical services including certification of conformity with the technical requirements of the Radio Law, calibration of measuring instruments and testing of radio and high frequency equipment. TELEC, an ISO/IEC 17025 compliant testing laboratory accredited by VLAC, is engaged in EMC and SAR testing in Japan and overseas. Regarding EMC of ITE the engineering center is competent in testing of radiated EMI above 1GHz and telecommunication ports conducted EMI. TELEC is also capable of general testing of weak power radio equipment for their performance certification, testing of high frequency applied radio facilities and antenna characterization in its open test sites.



JQA (Japan Quality Assurance Organization) – Tsuru Electromagnetic Environment Testing Laboratory

URL: <http://www.jqa.jp/>

Street address: 2096, Tanbozawa, Oohata, Tsuru-shi, Yamanashi-ken, Japan 402-0045

JQA is a neutral not-for-profit third-party organization specializing in electromagnetic environment testing, product safety certification and calibration of measuring instruments in addition to primary service for assessment and registration by ISO9000 quality and ISO14001 environment management systems. JQA which started out its operation with two open area test sites is now even capable of immunity testing with a 10m anechoic chamber built in 1998. JQA testing facilities are registered to VCCI and accredited by VLAC.



KEC (Kansai Electronic Industry Development Center) – Testing Division

URL: <http://www.kec.jp/>

Street address: 3-2-2 Hikaridai, Seikacho, Sourakugun, Kyoto-fu, Japan 619-0237

KEC, accredited to ISO/IEC 17025 (via VLAC, JAB, JNLA and A2LA), provides high quality and speedy services on EMC testing for home appliances, medical equipment, industrial tools and on-board equipment of automobiles, aircrafts and military vehicles. The center also provides services on product safety testing and energy saving performance testing for home appliances. The center owns five 10m/3m anechoic chambers and three small size anechoic chambers for special EMC testing supported by iNARTE certified engineers. The center also provides examination services for iNARTE/EMC/PS certification together with technical seminars to foster engineers.



Intertek Japan – Nagano testing site

URL: <http://www.japan.intertek-etlsemko.com/>

Street address: 3226 Tatsuno-machi Yokokawa, Kami ina-gun, Nagano prefecture, Japan 399-0511

Intertek Japan with five testing sites operating in Japan is a testing laboratory accredited by VLAC and NVLAP and other accreditation bodies. The laboratory provides EMC testing services for consumer, medical, MIL, aviation and radio equipment and calibration services for measuring instruments. It also provides agent service for applications for domestic and overseas product safety certification, factory inspection and radio station licensing. The Nagano laboratory with three open sites has been engaged in EMC testing mainly of consumer electronic equipment since 1987.

As of March 31, 2014

VCCI Member List

Regular Members

<Japanese>

No. Company Name

[A]

2323 A.T. Works, Inc.
2478 A2 Corporation
1355 ABIT CORPORATION
1882 ADVA Optical Networking Corp.
1898 Advanced Communications Co., Ltd.
35 ADVANTEST CORPORATION
1651 Agilent Technologies
47 AIPHONE CO., LTD.
222 AISIN SEIKI CO., LTD.
2335 ALAXALA Networks Corporation
459 ALEXON CO., LTD.
1317 ALF INC.
231 Allied Telesis K.K.
3357 ALNETZ CO., LTD.
76 ALPS ELECTRIC CO., LTD.
43 ANRITSU CORPORATION
2676 ANRITSU NETWORKS CO., LTD.
218 AOF Imaging Technology, Japan Ltd.
3047 Array Corporation
2125 Artiza Networks, Inc.
3197 ASCON CO., LTD.
1795 Athena Smartcard Solutions, INC.
1489 ATM Japan Co, LTD.
2655 Atmark Techno, Inc.
3532 AUI Co., Ltd.
1399 AVAL NAGASAKI CORP.
1478 Avaya Japan Ltd.
1147 Axis Communications K.K.

[B]

348 B.U.G. MORI SEIKI CO., LTD.
3502 B.U.G. SST, Inc.
950 BANDAI CO., LTD.
2321 Barracuda Networks Japan K.K.
3477 Benesse Corporation
736 BILLCON CORPORATION
2993 BIOS Corporation
1680 BITS CO., LTD.
2957 Bktel Pacific Rim (Japan) Inc.
2683 BMT
913 Brains Corporation
2172 BROAD NET MUX CORPORATION
21 Brother Industries, Ltd.
933 BUFFALO INC.

[C]

441 CANON ELECTRONICS INC.
1386 CANON FINETECH INC.
49 Canon Inc.
883 Canon Marketing Japan Inc.
3129 Cansystem Co., Ltd.
2864 Carestream Health Japan, Co., Ltd.
54 CASIO COMPUTER CO., LTD.

3228 Cathay Tri-Tech, Inc.
2977 CCP Co., Ltd.
1089 CE·LA SYSTEM CORPORATION
2928 Cellcross Co., Ltd.
2395 Central Engineering Corporation
64 CHO ELECTRONICS CO., LTD.
220 CITIZEN SYSTEMS JAPAN CO., LTD.
3155 Clarion Co., Ltd.
1832 CMO Japan Co., Ltd.
71 COMOTA CO., LTD.
2211 CONNECT CO., LTD.
1206 CONTEC CO., LTD.
3537 corega K.K.
3232 CPI Technologies, Inc.
3147 CREAT Corp.
1231 CTCSP Corporation
3369 CyberTransJapan Co., Ltd.

[D]

178 D&M HOLDINGS, INC.
2803 Dai Nippon Printing Co., Ltd.
451 DAINIPPON SCREEN MFG. CO., LTD.
2839 Data Controls Inc.
1978 Datacard Japan Ltd.
131 DATALOGIC ADC KK.
2496 DDS, Inc.
1758 DENSO WAVE INCORPORATED
2289 DION Corporation
3288 dit Co., Ltd.
2564 Ditect. Corporation
419 Duplo Seiko Corporation
3476 DX ANTENNA CO., LTD.
1026 Dyden Corporation

[E]

3378 e-Broad Communications Inc.
3432 eflow inc.
2176 Egenera, KK
3319 EHT Inc.
137 EIZO Corporation
3254 ELECOM CO., LTD.
1870 ELECS. INDUSTRY CO., LTD.
3334 ELIY Power Co., Ltd.
3052 ELSA Japan Inc.
2861 Emerson Japan, Ltd.
1525 EPSON DIRECT CORPORATION
2299 e-trees. Japan, Inc
1091 EXCEL CO., LTD.

[F]

2680 Fanatic Computers Inc.
3022 Fit Design System Corporation Ltd
101 FOSTER ELECTRIC CO., LTD.
372 FUJI DENSHI KOGYO CO., LTD.
51 FUJI ELECTRIC CO., LTD.
2331 Fuji Electric Co., Ltd.
67 Fuji Xerox Co., Ltd.
118 FUJIFILM Corporation

253 Fujikura Ltd.
3320 FUJISOFT INCORPORATED
1066 FUJITSU COMPONENT LIMITED
3386 FUJITSU COMPUTER TECHNOLOGIES LIMITED
1500 FUJITSU FRONTECH LIMITED
20 FUJITSU ISOTEC LIMITED
1833 FUJITSU KANSAI-CHUBU NET-TECH LIMITED
65 FUJITSU LIMITED
1650 FUJITSU NETWORK SOLUTIONS
66 FUJITSU TELECOM NETWORKS Limited
1614 Fukushima Iwatsu Co., Ltd.
34 FUNAI ELECTRONIC CO., LTD.
2722 FURUNO ELECTRIC CO., LTD.
1561 FURUNO SYSTEMS Co., Ltd.
2922 FUTEC INC
3355 FUTURE CONNECT, LTD.
1138 FXC Inc.

[G]

1526 GINGA SYSTEM CO., LTD.
707 GLORY AZ System Co., LTD.
95 GLORY LTD.
2979 Golden Micro Systems Co.
88 GRAPHTEC CORPORATION
1728 GREEN HOUSE CO., LTD.
3065 Gridmark Inc.
3508 groova, Inc.
2920 Group Sense Corporation
85 GS Yuasa International Ltd.
954 GUNZE LIMITED

[H]

2242 hagiwara electric co., ltd
2837 Hagiwara Solutions co., Ltd.
2740 HARVEST CO., LTD.
6 Hewlett-Packard Japan, Ltd.
2701 HighTechSystem Co., Ltd.
198 HIRAKAWA HEWTECH CORP.
147 Hitach Metals, Ltd.
1644 Hitachi Advanced Digital, Inc.
3106 Hitachi Consumer Electronics Co., Ltd.
2916 Hitachi High-Tech Solutions Corporation
2549 Hitachi IE System Co., Ltd.
1083 Hitachi Information & Communication Engineering, Ltd.
3273 Hitachi Information & Control Solutions, Ltd.
1596 Hitachi Keiyo Engineering & Systems, Ltd.
52 Hitachi Kokusai Electric Inc.
2880 Hitachi Living Systems, Ltd.
210 HITACHI MAXELL, LTD.
1289 Hitachi Media Electronics Co., Ltd.
173 Hitachi Solutions, Ltd.
3255 Hitachi Systems Techno Services, Ltd.
2692 Hitachi Terminal Mechatronics, Corp
371 Hitachi USLI Systems Co., Ltd.
2 Hitachi, Ltd.
1850 Hitachi-LG Data Storage, Inc.
2347 Hitachi-Omron Terminal Solutions, Corp

3079 HOCHIKI CORPORATION
1518 Hosiden Corporation
3316 HOYA CORPORATION PENTAX Life Care Division
2629 HYTEC INTER Co., Ltd.

[I]

3269 iB Solution Co., Ltd.
1756 IBEX Technology Co., Ltd.
23 IBM Japan, Ltd.
1329 ICOM Inc.
3438 iD corporation
3494 IDEC CORPORATION
560 Identive K.K.
3073 IDK Corporation
3153 IDX Company, Ltd.
151 Ikegami Tsushinki Co., Ltd.
1191 IMAGENICS. CO., LTD.
902 Imation Corporation Japan
3493 INABA DENKI SANGYO CO., LTD.
808 iND Co., Ltd.
1429 Infinico Corporation
338 Intel K.K.
1326 I-O DATA DEVICE, INC.
826 IRIICHI TECHNOLOGIES INC.
946 ISA Co., Ltd.
1864 ISHIIHYOKI CO., LTD.
3455 ITC NETWORKS CORPORATION
758 ITO ELECTRONIC INDUSTRY CO., LTD.
2978 ITUS Japan Co., Ltd
14 IWATSU ELECTRIC CO., LTD.

[J]

375 Janome Sewing Machine Co., Ltd.
262 Japan Aviation Electronics Industry, Limited
436 JAPAN CASH MACHINE CO., LTD.
874 Japan Electronics Ind., Ltd.
96 Japan Radio Co., Ltd.
1836 Japan Telegartner Limited
460 JB Advanced Technology Corporation
30 JVC KENWOOD Corporation

[K]

2381 KABUTOYAMA WORKS CO., LTD
202 KAGA ELECTRONICS CO., LTD.
1488 Kanematsu Electronics Ltd.
229 KATSURAGAWA ELECTRIC CO.,LTD.
1609 Kawamura Electric Inc.
841 KDDI Corporation
3370 KDDI Technology Corporation
1339 KEYENCE CORPORATION
2816 King Tech Corp.
3256 KING TSUSHIN KOGYO CO.,LTD
865 KINGJIM CO., LTD.
3208 Kinkei System Corporation
539 Kobayashi Create Co., Ltd.
160 Kodak Japan Ltd.
1699 KOGA ELECTRONICS CO.
1067 KOITO ELECTRIC INDUSTRIES, LTD.
888 KOKUYO S&T CO., LTD.
908 Konica Minolta Business Solutions Japan Co., Ltd.
172 KONICA MINOLTA, INC.

2506 KOSHIN DENKI KOGYO CO., LTD.
2265 KUBOTEK CORPORATION
2537 Kumahira Co., Ltd.
1390 KUZUMI Electronics, Inc.
209 KYOCERA Document Solutions Inc.
2394 KYOKKO SEIKO CO., LTD.
2138 KYOWA TECHNOLOGIES CO., LTD

[L]

136 LAUREL BANK MACHINES CO., LTD.
2573 Laurel Intelligent Systems Co., Ltd.
2420 Lenovo Japan, Ltd
3004 LET's corporation
102 Logitec Corporation
3266 Logitec INA Solutions Co., Ltd.

[M]

2948 MASA CORPORATION
1118 MAX CO., LTD.
2955 MC SECURITY Co., Ltd.
976 MegaChips Corporation
116 MEIDENSHA CORPORATION
2388 MEIKO ELECTRONICS CO., LTD.
3308 Micro Solution CO., LTD.
2360 Miharuru Communications Inc.
311 MIMAKI ENGINEERING CO., LTD.
312 MINATO ELECTRONICS INC.
512 MINEBEA CO., LTD.
344 MintWave Co., Ltd.
1932 MITACHI CO., LTD.
99 MITSUBISHI CABLE INDUSTRIES, LTD.
8 MITSUBISHI ELECTRIC CORPORATION
594 MITSUBISHI Electric Engineering Co., Ltd.
1646 MITSUBISHI ELECTRIC INFORMATION TECHNOLOGY CORPORATION
2044 MITSUBISHI ELECTRIC SYSTEM & SERVICE CO., LTD.
3050 Mitsubishi Paper Mills Limited
214 MITSUI ZOSEN SYSTEMS RESEARCH INC.
584 MITSUMI ELECTRIC CO., LTD.
2031 MIWA LOCK CO., LTD.
282 MIYAKAWA ELECTRIC WORKS LTD.
3258 mofiria Corporation
2406 MR Y inc.
33 MURATA MACHINERY, LTD.
123 Murata Manufacturing Co., Ltd.
204 MUTOH INDUSTRIES, LTD.

[N]

82 NAGANO JAPAN RADIO CO., LTD.
2505 NAGATSUKA
716 NAGOYA ELECTRIC WORKS CO., LTD.
3290 NAITO DENSEI MACHIDA MFG.CO.,LTD.
1163 NAKAJIMA ALL PRECISION CO., LTD.
146 NAKAYO TELECOMMUNICATIONS, INC.
3546 NANABOSHI ELECTRIC MFG. CO., LTD.
126 NCR Japan Ltd.
2196 NCR Services Japan, Ltd
248 NEC Access Technica, Ltd.
1901 NEC Communication Systems, Ltd.
1 NEC Corporation

1394 NEC Display Solutions, Ltd.
3296 NEC Embedded Products, Ltd.
1238 NEC Engineering, Ltd.
25 NEC Infrontia Corporation
2729 NEC Magnus Communications
2862 NEC Nagano, Ltd.
1781 NEC Networks & System Integration Corporation
567 NEC Personal Computers, Ltd.
2644 NEC System Technologies, Ltd.
670 NEC TOKIN Corporation
729 Neix, Inc.
825 NetComSec Co., Ltd.
2838 NETWORK VALUE COMPONENTS LTD.
498 NEWTECH CO., LTD.
450 NHK SPRING CO., LTD.
1566 Nichigaku Co., Ltd.

128 NIDEC COPAL CORPORATION
2989 NIDEC SANKYO CORPORATION
2807 NIE Co., Ltd.
130 Nihon Unisys, Ltd.
356 NIKON CORPORATION
1671 NIKON VISION CO., LTD.
1363 NIKON-TRIMBLE CO., LTD.
119 NINTENDO CO., LTD.
2221 NIPPON ANTENNA CO., LTD
547 NIPPON AVIONICS CO., LTD.
953 Nippon Chemi-Con Corporation
621 NIPPON CONLUX CO., LTD.
844 Nippon Printer Eng. Inc.
637 NIPPON SYSTEMS DEVELOPMENT Co., Ltd.
279 NIPPON TELEGRAPH AND TELEPHONE CORPORATION (NTT)
1303 NIPPON TELEGRAPH AND TELEPHONE EAST CORPORATION
1278 NIPPON TELEGRAPH AND TELEPHONE WEST CORPORATION
186 Nisca Corporation
3348 NISSIN SYSTEMS Co., LTD.
3511 Nokia Solutions and Networks Japan Corp.
3506 NORITAKE ITRON CORPORATION
394 NTT Advanced Technology Corporation
1275 NTT Communications Corporation
329 NTT DATA CORPORATION
79 NTT DATA CUSTOMER SERVICE CORPORATION
457 NTT Electronics Corporation
3088 NTT FIELDTECHNO CORPORATION

[O]

443 OA LABORATORY CO., LTD.
3461 Oasa Electronics Co., Ltd
1023 Oce Japan Corporation
3284 OFFICE24 CO., LTD.
197 Oi Electric Co., Ltd.
307 Oki Communication Systems Co., Ltd.
624 Oki Data CORPORATION
9 Oki Electric Industry Co., Ltd.
2322 OLYMPUS IMAGING CORP.
56 OMRON Corporation
287 OMRON HEALTHCARE CO., LTD.
1198 ONKYO CORPORATION
3237 ONKYO DIGITAL SOLUTIONS CORPORATION

1812 OPTOELECTRONICS Co., Ltd.
223 Oracle Information Systems (Japan) G.K.

[P]

15 Panasonic Corporation
1780 Panasonic Eco Solutions Networks Co., Ltd.
138 Panasonic Healthcare Co., Ltd.
3397 Panasonic Precision Device Co., Ltd.
17 Panasonic System Networks Co., Ltd.
3366 PayPal Pte. Ltd. Tokyo Branch
2234 PENTEL Co., Ltd.
144 PFU Limited
302 PHOTORON Ltd.
3104 PicoCELA Inc.
11 PIONEER ELECTRONIC CORPORATION
299 Pioneer Home Electronics Corporation
1448 Pixela Corporation
1364 Planex Communications, Inc.
545 PLUS Corporation
2661 Primagest, Inc.
2041 Princeton Ltd.
3009 Pro Link Inc.

[Q]

3471 QUADRAC Co., Ltd.
2651 Qualica Inc.
2203 QUIXUN PRODUCTS CO., LTD.

[R]

763 RATO Systems, Inc.
2760 Renesas Electronics Corporation
3347 Renesas Solutions Corp.
16 Ricoh Co., Ltd.
690 RICOH IMAGING COMPANY, LTD.
38 RICOH INDUSTRY CO., LTD.
2774 Ricoh Production Print Solutions Japan Company, Ltd.
3263 Rida Co., Ltd.
175 RISO KAGAKU CORPORATION
59 ROLAND DG CORPORATION
1708 Routrek Networks, Inc.

[S]

3043 SANDEN CORPORATION
2226 SANEI ELECTRIC CO., LTD.
351 SANEI ELECTRIC INC.
83 SANKEN ELECTRIC CO., LTD.
2881 SANWA SUPPLY INC.
293 Sanyo Chemical Co., Ltd.
920 SANYO DENKI CO., LTD.
19 SANYO Techno Solutions Tottori Co., Ltd.
355 SATO CORPORATION
127 SAXA, Inc.
3331 SCALAR Corporation
3280 Sears Co., Ltd.
940 SECURE-TECH CORPORATION
3346 Seedsware Corporation
55 SEIKO EPSON CORPORATION
1469 Seiko Infotech Inc.
50 Seiko Instruments Inc.
60 SEIKO Precision Inc.

3484 SEIKO Solutions Inc.
2568 SEIKO TIME SYSTEMS INC.
777 SEIWA ELECTRIC MFG CO., LTD.
292 SEKISUI CHEMICAL CO., LTD.
514 SEKONIC CORPORATION
13 Sharp Corporation
3338 SHIBUTANI CO., LTD.
3167 Shin Shin Co., Ltd.
193 Shindengen Electric Manufacturing Co., Ltd.
2074 SHINJUKU JAPANESE LANGUAGE INSTITUTE
73 SHINKO SEISAKUSHO CO., LTD.
2504 Shin-Kobe Electric Machinery Co., Ltd
341 SHINSEI INDUSTRIES CO., LTD.
2868 SHOFU INC.
90 SHOWA INFORMATION SYSTEMS CO., LTD.

1922 SIGMA CORPORATION
2343 SII Data Service Corp.
2556 SII Network Systems Inc.
434 silex technology, Inc.
153 SINFONIA TECHNOLOGY Co., LTD.
2093 Sknet Corporation Ltd.
795 SMK CORPORATION
3006 SOFTBANK BB Corp
3247 SOFTBANK MOBILE Corp.
3510 SONICGUARD Co., Ltd.
856 Sony Computer Entertainment Inc.
93 SONY CORPORATION
1849 Sony EMCS Corporation
269 SORITON SYSTEMS K.K.
521 SOSHIN ELECTRIC CO., LTD.
3363 Spectronix Co., Ltd.
180 STAR MICRONICS CO., LTD.
2575 StoreNet Corp.
165 SUMITOMO ELECTRIC SYSTEM SOLUTIONS CO., LTD.
97 SUMITOMO ELECTRIC INDUSTRIES, LTD.
1959 Sumitomo Electric Networks, Inc.
1197 Sumitomo Wiring Systems, Ltd.
1001 SUN CORPORATION
3085 Symantec Japan, Inc
704 SYSCOM LTD.
473 SYSMEX RA CO., LTD.
3534 SYSTEM IO Co., Ltd.

[T]

3345 TACHIBANA ELETECH CO., LTD.
606 TAIYO SEIKI COMPANY., LTD.
163 TAIYO YUDEN CO., LTD.
283 TAKACOM CORPORATION
326 TAKAMISAWA CYBERNETICS CO., LTD.
2847 TAKASAGO LTD.
3451 TAKEMOTO DENKI CORPORATION
2691 TAKENAKA ENGINEERING CO., LTD.
1973 TAMURA CORPORATION
206 TATSUNO CORPORATION
18 TB GROUP INC.
39 TDK CORPORATION
3137 TDK-EPC Corporation
75 TEAC CORPORATION
3411 Tech Trex Inc. Japan
2449 Techno Link Co., Ltd.
2231 Technology Link Corporation

3267 TechnoMatryx Inc.
2510 TELEFORCE CO., LTD.
3400 TELESYSTEMS CO., LTD.
174 TERAOKA SEIKO CO., LTD.
830 THE FURUKAWA ELECTRIC CO., LTD.
3516 TKR CORPORATION
179 TOEI ELECTRONICS CO., LTD.
3482 TOKYO RADAR CORPORATION
2490 TOMY Company, Ltd.
3485 TOP-ONE CO., LTD.
2867 TOPPAN FORMS CO., LTD.
2047 Toppan Printing Co., Ltd.
1669 Topre Corporation
37 TOSHIBA CORPORATION
3459 Toshiba Global Commerce Solutions Holdings Corporation
1939 Toshiba Home Appliances Corporation
3403 TOSHIBA LIGHTING & TECHNOLOGY CORPORATION
5 TOSHIBA PERSONAL COMPUTER SYSTEM CORPORATION
244 Toshiba Solutions Corporation
48 TOSHIBA TEC CORPORATION
164 TOTOKU ELECTRIC CO., LTD.
797 Touch Panel Systems K.K.
7 Toyo Networks & Systems Integration Co., Ltd.
3321 TOYOTA MEDIA SERVICE Corporation
3018 Transaction Media Networks Inc.
3382 Transcend Japan Inc.
2269 Transtron Inc.
3344 TSUZUKI DENKI CO., LTD.

[U]

907 UCHIDA YOKO CO., LTD.
582 UMEZAWA TECHNICAL LABORATORY CO., LTD.
2045 UNIADDEX, Ltd.
3202 Unipulse Corporation
3144 Unitech Japan co., Ltd.
2087 UNITEX Corporation

[V]

2109 VarioSecure Inc.
3426 V-net Corporation Limited

[W]

177 Wacom Co., Ltd.
3495 Welcat Inc.
2515 welltone Co.
3293 WHITE BUSINESS INITIATIVE Co.

[Y]

1024 YAMAGUCHI CINEMA CO., LTD.
22 YAMAHA CORPORATION
3287 YAMASHITA SYSTEMS Corp.
2292 YASUKAWA INFORMATION SYSTEMS Corporation
150 YAZAKI CORPORATION
103 Y-E DATA INC.
2366 YEC, CO., LTD.
2931 YKD CO., LTD.
92 YOKOGAWA ELECTRIC CORPORATION

3185 Yokogawa Meters & Instruments Corporation
12 YUTAKA ELECTRONIC MFG. CO., LTD.

[Z]

3394 ZOOM CORPORATION
404 ZUKEN ELMIC, Inc.

<Overseas>

No. Company Name

[A]

2548 A10 Networks, Inc. (USA)
3328 AAEON Technology Inc. (CHINESE TAIPEI)
3522 Acano (UK) Ltd (U.K.)
1170 Acbel Polytech Inc. (CHINESE TAIPEI)
3314 Accedian Networks Inc. (CANADA)
379 ACCTON Technology Corp. (CHINESE TAIPEI)
215 Acer Incorporated (CHINESE TAIPEI)
2353 A-DATA Technology Co., Ltd (CHINESE TAIPEI)
3515 Adtran Inc. (USA)
2085 ADVAN International Corp. (KOREA)
2952 Advanced Card Systems Limited (HONG KONG)
1320 ADVANTECH CO., LTD. (CHINESE TAIPEI)
3487 Aerohive Networks, Inc. (USA)
3424 Affirmed Networks, Inc. (USA)
3526 AHNLAB, INC. (KOREA)
3381 AIC Inc. (CHINESE TAIPEI)
3419 AiSolution (KOREA)
3201 AJA Video Systems Inc. (USA)
3113 Alacritech Inc. (USA)
308 Alcatel-Lucent (USA)
518 Allied Telesis Inc. (USA)
2383 Alpha Networks Inc. (CHINESE TAIPEI)
3392 AM TECH Co., Ltd. (KOREA)
1565 AMD (CANADA)
400 American Power Conversion Corp. (USA)
2988 Amphenol Corporation - Amphenol AssembleTech Division (USA)
2873 Ampronix Inc. (USA)
2164 AMTEK SYSTEM CO., LTD. (CHINESE TAIPEI)
683 Amtran Technology Co., Ltd. (CHINESE TAIPEI)
2944 Anoto AB (SWEDEN)
2656 Applanix Corporation (CANADA)
482 Apple, Incorporated (USA)
3541 AppNeta, Inc. (USA)
2431 Apricorn, Inc. (USA)
3027 Arista Networks, Inc. (USA)
1627 ARRAY NETWORKS, INC. (USA)
2084 Arris Group, Inc. (USA)
2075 Aruba Networks, Inc. (USA)
2148 Asian Power Devices Inc. (CHINESE TAIPEI)
1285 ASKEY COMPUTER CORP. (CHINESE TAIPEI)
3504 Aspect Software, Inc. (USA)
2208 Astec International Limited (HONG KONG)
1011 ASUSTek Computer Inc. (CHINESE TAIPEI)
2463 Atech Flash Technology, Inc. (USA)
1149 Aten International Co., Ltd. (CHINESE TAIPEI)
3124 ATP Electronics Taiwan Inc. (CHINESE TAIPEI)
3464 Atrust Computer Corp. (CHINESE TAIPEI)
3222 ATTO Technology, Inc. (USA)
2097 Audiocodes LTD. (ISRAEL)

3530 Aurora Networks, Inc. (USA)
2888 AVer Information Inc. (CHINESE TAIPEI)
3244 Avere Systems, Inc. (USA)
1933 AVerMedia Technologies Inc. (CHINESE TAIPEI)
3230 Avid Technology, Inc. (USA)
574 Avision Inc. (CHINESE TAIPEI)
585 AVOCENT CORPORATION (USA)
2214 Azimuth Systems, Inc. (USA)

[B]

3406 B&S Media Co., Ltd. (KOREA)
3453 Bad Elf (USA)
2995 Barco N.V. (BERGIUM)
2123 Belkin International, Inc. (USA)
676 Benq Corporation. (CHINESE TAIPEI)
2964 BizLink Technology Inc (USA)
3509 BLOOMBERG L.P. (USA)
1130 Blue Coat Systems, Inc. (USA)
3488 Bluebird Soft Inc. (KOREA)
3341 BrightSign, LLC (USA)
1809 Broadcom Corporation (USA)
2766 Brocade Communications Systems Inc. (USA)
2856 Burroughs Payment Systems Inc. (USA)
3184 BYD Precision Manufacture Co., Ltd. (CHINA)

[C]

3433 C&T Solution Inc. (CHINESE TAIPEI)
2135 CANON ELECTRONIC BUSINESS MACHINES (H.K.) CO., LTD. (HONG KONG)
1750 Carry Technology Co., LTD. (CHINESE TAIPEI)
2354 CastleNet Technology Inc. (CHINESE TAIPEI)
3449 Castles Technology Co., Ltd. (CHINESE TAIPEI)
3514 CASWELL, INC. (CHINESE TAIPEI)
3035 CCIC Southern Electronic Product Testing (Shenzhen) Co., Ltd. (CHINA)
3028 Cell Technology Limited (HONG KONG)
2015 Check Point Software Technologies Ltd. (ISRAEL)
2974 Chelsio Communications, Inc. (USA)
1638 Cheng Uei Precision Industry Co., Ltd. (CHINESE TAIPEI)
3393 Chengdu SKSpruce Technology Inc. (CHINA)
882 CHICONY ELECTRONICS CO., LTD. (CHINESE TAIPEI)
3305 CHRISTIE DIGITAL SYSTEMS CANADA INC. (CANADA)
2846 Ciena (USA)
2163 Cisco Systems International BV (THE NETHERLANDS)
493 Cisco Systems, Inc. (USA)
3190 Citrix Systems, Inc. (USA)
702 CLEVO CO. (CHINESE TAIPEI)
989 Clientron Corp. (CHINESE TAIPEI)
3398 CloudShield Technologies, Inc. an SAIC company (USA)
3259 Clustrix, Inc. (USA)
2667 COBALT TECHNOLOGIES CO., LTD. (KOREA)
3443 Colortrac Ltd (CHINA)
297 Compal Electronics, Inc. (CHINESE TAIPEI)
3478 Connected Data, Inc. (USA)
2240 Contela, Inc. (KOREA)
2945 Contex A/S (DENMARK)
3425 Coraid, Inc. (USA)

3518 Corero Network Security (USA)
779 Coretronic Corporation (CHINESE TAIPEI)
1535 Coriant America Inc (USA)
3276 Costel co., ltd (KOREA)
3458 Cray Inc. (USA)
1176 CrossRoads Systems, Inc. (USA)
2669 CS Corporation (KOREA)
2871 CTC Union Technologies Co., Ltd. (CHINESE TAIPEI)
3383 CYAN (USA)
2499 Cyber Power Systems, Inc. (CHINESE TAIPEI)

[D]

2486 D&T Inc. (KOREA)
3248 DAEHAP HYPER-TECH CO., LTD (KOREA)
2607 Darfon Electronics Corp. (CHINESE TAIPEI)
2033 DASAN Networks, Inc. (KOREA)
3528 DASTEK (KOREA)
3251 DataDirect Networks, Inc. (USA)
527 Dell Inc. (USA)
2804 Delphi Display Systems, Inc. (USA)
568 DELTA ELECTRONICS, Inc. (CHINESE TAIPEI)
3045 DELTA NETWORKS, INC. (CHINESE TAIPEI)
2754 Dialogic (US) Inc. (USA)
671 Digi International Inc (USA)
3361 DIGIEVER CORPORATION (CHINESE TAIPEI)
3450 Digital Stream Technology, Inc. (KOREA)
3422 DIGITAL VIEW LTD. (HONG KONG)
1461 DIVA Laboratories Ltd. (CHINESE TAIPEI)
448 D-Link Corporation (CHINESE TAIPEI)
3326 DMX, Inc. (USA)
1943 Dot Hill Systems, Corp. (USA)
2824 Drobo, Inc. (USA)
3486 DTx, Inc. (USA)
1686 DXG Technology Corp. (CHINESE TAIPEI)

[E]

3520 EA Excelsior Hangtong Computer Technology Co., Ltd. (CHINA)
686 Eaton Corporation (USA)
2128 Echelon Corporation (USA)
2628 Edgewater Networks Inc. (USA)
1482 Edimax Technology Co., Ltd. (CHINESE TAIPEI)
537 Electronics for Imaging, Inc. (USA)
877 Elitegroup Computer Systems Co., Ltd. (CHINESE TAIPEI)
1322 EMC Corporation (USA)
2276 Emerson Network Power Product Testing Services (USA)
1068 Emulex Corporation (USA)
3029 ENG ELECTRIC CO., LTD. (CHINESE TAIPEI)
3469 Enseo (USA)
3457 Ergotron, Inc. (USA)
1080 EtherWAN Systems Inc. (CHINESE TAIPEI)
2657 Eurofins Product Service GmbH (GERMANY)
2732 EVOLIS (FRANCE)
2889 ExaGrid Systems, Inc. (USA)
2987 Exar Corporation (USA)
1406 Extreme Networks, Inc. (USA)
3524 Extron Electronics (USA)
2969 Eye-Fi, Inc. (USA)

[F]
1440 F5 Networks, Inc. (USA)
1926 FIMI s.r.l. (ITALY)
1925 FIRICH ENTERPRISES CO. LTD. (CHINESE TAIPEI)
2823 Flextronics International (Taiwan) Ltd. (CHINESE TAIPEI)
2918 Fluke Networks, a division of Fluke Electronics Corporation (USA)
3233 FON Wireless Ltd. (SPAIN)
1977 Fortinet, Inc. (USA)
3444 FOSHAN SHUNDE GUANYUDA POWER SUPPLY CO., LTD (CHINA)
986 FOXLINK IMAGE TECHNOLOGY CO., LTD. (CHINESE TAIPEI)
2247 Foxlink Technology Ltd (HONG KONG)
3412 Freecom Technologies K.K. (HONG KONG)
3294 Fujian Centerm Information co., Ltd. (CHINA)
1468 Fujitsu Technology Solutions GmbH (GERMANY)
3122 Fusion-io, Inc. (USA)

[G]
3352 Gechic Corporation (CHINESE TAIPEI)
1524 GEMALTO SA (FRANCE)
3375 Gemtek Technology Co., Ltd. (CHINESE TAIPEI)
3475 GENBAND US LLC (USA)
3531 Genesis Equity Technology LTD (CHINESE TAIPEI)
3507 Genius Vision Digital (CHINESE TAIPEI)
1559 GIGA-BYTE TECHNOLOGY CO., LTD. (CHINESE TAIPEI)
2630 GlobTek, Inc. (USA)
2419 GOOD WAY TECHNOLOGY CO., LTD. (CHINESE TAIPEI)
3078 Google Inc. (USA)
3179 GS Instruments Co., Ltd. (KOREA)
3225 Guillemot Corporation S.A (FRANCE)

[H]
3513 HANARO GTS Co., LTD. (KOREA)
1919 Handlink Technologies Inc. (CHINESE TAIPEI)
2791 Handreamnet Co., Ltd. (KOREA)
2608 Hangzhou H3C Technologies Co., Ltd. (CHINA)
3343 HAPPY Electronics co., Ltd. (KOREA)
1918 HARMONIC INC. (USA)
3059 HID Global Corporation (USA)
3372 Hitachi Data Systems Corporation (U.K.)
2636 Home Control Singapore Pte Ltd (SINGAPORE)
1724 HON HAI PRECISION IND. CO., LTD. (CHINESE TAIPEI)
3235 Honeywell Scanning & Mobility (USA)
3385 Hon-Kwang Electric Co., Ltd. (CHINESE TAIPEI)
1968 Huawei Technologies Co., LTD. (CHINA)
3527 Hung Wai Products Ltd (HONG KONG)
1715 HYUNDAI IBT CORP. (KOREA)
3365 HYUNDAI MEDIA Co., Ltd. (KOREA)

[I]
3031 I/O INTERCONNECT INC. (CHINA)

1737 ICP Electronics Inc. (CHINESE TAIPEI)
3021 iCube Co., Ltd. (KOREA)
1272 IYYAMA CORPORATION (THE NETHERLANDS)
2368 Imaging Business Machines, LLC (USA)
2664 Infinera Corporation (USA)
3192 INFINITT Healthcare Co., Ltd. (KOREA)
2472 INFOBLOX (USA)
3189 InnoDigital Co., Ltd. (KOREA)
3460 Interconnect System Inc. (USA)
3519 Interface Masters Technologies, Inc. (USA)
476 Interphase Corporation (USA)
378 Inventec Corporation (CHINESE TAIPEI)
2947 IPEVO corp (CHINESE TAIPEI)
2246 Isilon Systems Inc. (USA)

[J]
2757 JDSU Corp. (SINGAPORE)
1164 Juniper Networks, Inc. (USA)

[K]
3339 Katron Technologies Inc. (CHINESE TAIPEI)
2114 Kensington Computer Products Group (CANADA)
3325 Kent Displays, Inc. (USA)
3156 KIC SYSTEMS Co., Ltd (KOREA)
2845 Kingston Digital, Inc. (USA)
3340 Kisan Telecom Co., Ltd. (KOREA)
3371 Kobo Inc. (CANADA)
3041 Kontron America (USA)
3317 KOSTEC Co., Ltd. (KOREA)
861 KYE SYSTEMS CORPORATION (CHINESE TAIPEI)

[L]
1633 LaCie S.A. (FRANCE)
2152 Lantronix (USA)
3500 Lastar Inc. (USA)
3454 LC Future Center Limited Taiwan Branch (CHINESE TAIPEI)
740 LEADTEK RESEARCH INC (CHINESE TAIPEI)
3474 Leap Motion, Inc. (USA)
1342 LEICA CAMERA AG (GERMANY)
714 LenovoEMC, Ltd. (USA)
674 Lexmark International, Inc. (USA)
3481 LG CNS CO., LTD. (KOREA)
256 LG Electronics Inc. (KOREA)
2481 LifeSize Communications (USA)
3497 Linear Technology (USA)
495 Lite On Technology Corp. (CHINESE TAIPEI)
3214 LITE-ON IT Corporation (CHINESE TAIPEI)
532 Logitech Inc. (USA)
687 LSI Corp. (USA)
2230 Luidia Inc (USA)

[M]
3133 Mad Catz Interactive Asia Limited Inc., (USA)
3472 MADE4. Inc (KOREA)
1133 Magic Control Technology Corporation (CHINESE TAIPEI)
2105 Malvern Instruments Limited (U.K.)
359 Matrox Electronic Systems (CANADA)
3292 MaxTronic International Co., Ltd. (CHINESE TAIPEI)

3278 MBX Systems (USA)
1090 McAfee, Inc. (USA)
2863 Mellanox Technologies, Ltd. (ISRAEL)
3442 Meraki, Inc. (USA)
2424 Meru Networks, Inc. (USA)
2694 Micron Consumer Products Group, Inc. (USA)
3102 Micron Technology, Inc. (USA)
1639 Microsemi (ISRAEL)
768 MICROSOFT CORPORATION (USA)
1573 Micro-Star International Co., Ltd. (CHINESE TAIPEI)
3240 Microtek International, Inc. (CHINESE TAIPEI)
3049 Mirapoint Software Inc. (USA)
1433 MITAC INTERNATIONAL CORP. (CHINESE TAIPEI)
1896 MitraStar Technology Corporation (CHINESE TAIPEI)
3036 Modacom Co., Ltd. (KOREA)
3505 Moimstone Co., Ltd. (KOREA)
3388 MONEUAL INC. (KOREA)
3427 MONITORAPP Co., Ltd. (KOREA)
754 MONTEREY INTERNATIONAL CORP. (CHINESE TAIPEI)
3490 Motorola Mobility LLC (USA)
1143 Motorola Solutions, Inc. (USA)
3529 MOXA INC. (CHINESE TAIPEI)
3491 MTI Co., LTD (KOREA)
775 Mustek Systems Inc. (CHINESE TAIPEI)

[N]
3415 NComputing Global Services Sarl (KOREA)
3002 NDS Surgical Imaging (USA)
3535 Neophotonics (China) Co., Ltd. (CHINA)
1687 NetApp, Inc (USA)
1418 NETGEAR, Inc. (USA)
1533 Netronix Inc. (CHINESE TAIPEI)
667 NetScout Systems, Inc. (USA)
1316 Network Engines Inc, DBA "NEI", & DBA "Unicom Engineering Inc." (USA)
1291 Newell Rubbermaid (USA)
1961 NEXCOM International Co., LTD. (CHINESE TAIPEI)
3298 NextIO, Inc. (USA)
3033 NEXTLINK Co., LTD (KOREA)
3139 NT-ware Systemprogrammierung GmbH (GERMANY)
1904 NueTeq Technology, Inc. (CHINESE TAIPEI)
3336 Nutanix, Inc. (USA)
1423 NVIDIA CORPORATION (USA)

[O]
3261 Oce Technologies B.V. (THE NETHERLANDS)
2251 Olympus Technologies Singapore Pte Ltd (SINGAPORE)
565 Open Text (USA)
2559 Optica Technologies Inc. (USA)
241 Oracle America, Inc. (USA)
2892 Oracle/Acme Packet (USA)
3489 Orbotix, Inc. (USA)
3062 Orion Technology Co., Ltd. (KOREA)
577 Overland Storage Inc. (USA)

[P]
2471 Packet Design, LLC (USA)

3441 Palo Alto Networks Inc (USA)
3434 Panasas, Inc. (USA)
2372 Panduit Corp. (USA)
3395 ParTech Inc. (USA)
1808 PARTNER TECH CORP. (CHINESE TAIPEI)
3360 PC WORTH INT'L CO., LTD. (CHINESE TAIPEI)
2869 PEGATRON CORPORATION (CHINESE TAIPEI)
3536 Pen Generations, Inc. (KOREA)
2614 Philips & Lite-On Digital Solutions Corp. (CHINESE TAIPEI)
2181 PIOLINK, Inc. (KOREA)
3335 Pioneer POS Solution, Inc. (USA)
3492 piQx Imaging Pte. Ltd. (SINGAPORE)
3414 Pixon Imaging, Inc. (USA)
2524 Plantronics Inc. (USA)
1017 Plustek Inc. (CHINESE TAIPEI)
748 PMC-Sierra, Inc. (USA)
3480 POINT MOBILE CO., LTD (KOREA)
578 Polycom, Inc. (U.K.)
3146 Power Quotient International Co., Ltd. (CHINESE TAIPEI)
2062 POWERCOM CO., LTD. (CHINESE TAIPEI)
3374 Pride Tech Corporation (CHINESE TAIPEI)
851 Primax Electronics Ltd. (CHINESE TAIPEI)
1910 PROMISE TECHNOLOGY, INC. (CHINESE TAIPEI)
3297 Propellerhead Software AB (SWEDEN)
2716 Psi Laser GmbH (GERMANY)
3429 Pure Storage Inc (USA)

[Q]
2841 Qisda Corporation (CHINESE TAIPEI)
1182 Qlogic Corporation (USA)
3162 QNAP Systems, Inc. (CHINESE TAIPEI)
3362 Qomo Hitevision (CHINESE TAIPEI)
2261 Qualys, Inc. (USA)
726 QUANTA COMPUTER INC. (CHINESE TAIPEI)
2039 Quanta Storage Inc. (CHINESE TAIPEI)
1012 Quantum Corporation (USA)
2377 Qumu Corporation (USA)

[R]
3430 RAD Data Communications Ltd. (ISRAEL)
2956 RadiSys Corporation (USA)
2407 Radware Ltd. (ISRAEL)
1895 Raritan International B.V. Taiwan Branch (CHINESE TAIPEI)
3437 RF IDeas, Inc. (USA)
2715 RF Window (KOREA)
2529 Riverbed Technology (USA)
3421 ROAM Data Inc. (USA)
3076 Robert Bosch Taiwan Co., Ltd. (CHINESE TAIPEI)
3389 RSUPPORT CO., LTD. (KOREA)
2480 Ruckus Wireless, Inc. (USA)

[S]
2469 SAE Technologies Development (Dongguan) Co., Ltd. Chang An Branch (CHINA)
927 Samji Electronics Co., Ltd. (KOREA)
2750 SAMPO Corporation Ltd (CHINESE TAIPEI)
271 SAMSUNG ELECTRONICS Co., Ltd. (KOREA)

3055 SAMSUNG SNS Co., Ltd. (KOREA)
2168 SanDisk IL (ISRAEL)
3501 Sanmina Corporation dba Viking Technology (USA)
3496 Savant Systems LLC (USA)
3180 Scale Computing, Inc (USA)
3445 SCSpro Co., Ltd (KOREA)
3046 Seagate Technology (USA)
2788 SEHA Electronics and Telecommunications Co., Ltd. (KOREA)
3239 SendTek Corporation (CHINESE TAIPEI)
3044 Sennheiser Communications A/S (DENMARK)
481 SerComm Corporation (CHINESE TAIPEI)
3219 Shenzhen Bitland Information Technology Co., Ltd. (CHINA)
3473 SHENZHEN HALI-POWER INDUSTRIAL CO., LTD (CHINA)
1591 SIIG, Inc. (USA)
2306 Silicom Ltd. (ISRAEL)
286 Silicon Graphics International Corporation (USA)
2535 Silver Peak Systems, Inc. (USA)
3131 SK hynix Inc. (KOREA)
2835 Sling Media, Inc. (USA)
1960 SMART Modular Technologies, Inc. (USA)
2501 SMART Technologies Inc. (CANADA)
3384 SMEC CO., LTD (KOREA)
2597 Solace Systems, Inc. (CANADA)
3279 Solarflare Communicaitons Inc (U.K.)
794 SOLID YEAR CO.,LTD. (CHINESE TAIPEI)
3158 SOLiD, Inc. (KOREA)
281 Sonus Networks, Inc. (USA)
1558 Sonus Networks, Inc. (USA)
3249 Sophos Technology GmbH (GERMANY)
3447 SteelSeries APs (CHINESE TAIPEI)
1498 Stratus Technologies, Inc. (USA)
3243 SUNIX Co., Ltd. (CHINESE TAIPEI)
2173 SUNNY COMPUTER TECHNOLOGY CO., LTD. (CHINA)
2933 Sunrex Technology Corp (CHINESE TAIPEI)
1880 SUPER MICRO COMPUTER INC. (USA)
1912 Symmetricom, Inc. (USA)
2883 Sysgration Ltd. (CHINESE TAIPEI)

[T]
3271 TA Technology (Shanghai) Co.,Ltd (CHINA)
3175 Taiwan BOE Vision-electronic Technology Co., Ltd. (CHINESE TAIPEI)
1078 Tandberg Data GmbH (GERMANY)
224 Tatung Company (CHINESE TAIPEI)
3408 TECO Image Systems Co., Ltd (CHINESE TAIPEI)
3023 Tektronix Communications (USA)
3483 Tellabs Inc (USA)
2943 Teradata Corporation (USA)
3120 Thecus Technology Corp. (CHINESE TAIPEI)
2645 Thomson Video Networks (FRANCE)
3005 TIBCO Software Inc. (USA)
3466 Tigo Energy, Inc. (USA)
3011 TIT ENG Co., Ltd. (KOREA)
1601 Top Victory Electronics(Taiwan) Co., Ltd. (CHINESE TAIPEI)
2229 Toshiba Samsung Storage Technology Korea Corporation (KOREA)
3401 TPV-INVENTA TECHNOLOGY CO., LTD. (CHINESE TAIPEI)

2309 Trend Micro Incorporated (CHINESE TAIPEI)
1215 Tributary Systems, Inc. (USA)

[U]
2901 Ulticom Inc. (USA)
886 Universal Global Scientific Industrial Co., Ltd. (CHINESE TAIPEI)
3540 Unotron Limited (U.K.)
1792 UTStarcom Telecom Co., Ltd. (CHINA)

[V]
3161 Valcretec Inc. (KOREA)
3003 ViaSat, Inc. (USA)
2593 ViaScope Inc. (KOREA)
2963 Vidyio, Inc. (USA)
3194 Vigilent Corporation (USA)
3277 Violin Memory, Inc. (USA)
3439 Virtual Instruments Corporation (USA)
3203 Vitec Multimedia (FRANCE)
2443 VIVOTEK INC. (CHINESE TAIPEI)
2409 Vocollect, Inc. (USA)
3291 Voyetra Turtle Beach, Inc. (USA)
3125 Vuzix Corporation (USA)

[W]
3463 Wanxin Image Inc (CHINESE TAIPEI)
1281 WatchGuard Technologies, Inc. (USA)
2432 Western Digital Technologies, Inc. (USA)
2274 Whalley Computer Associates, Inc. (USA)
1718 WIBU-SYSTEMS Aktiengesellschaft (GERMANY)
2418 WIDE CORPORATION (KOREA)
2912 Wins Co., Ltd. (KOREA)
3377 WinSpeed Co., Ltd (CHINESE TAIPEI)
3545 Wire Factory, Inc. (USA)
1767 Wistron Corporation (CHINESE TAIPEI)
3145 WITHINGS (FRANCE)
3423 Wiwynn Corporation (CHINESE TAIPEI)
3123 WORLDVIEW TECHNOLOGY CORP. (CHINESE TAIPEI)
761 WYSE TECHNOLOGY (USA)

[X]
3359 XAC Automation Corporation (CHINESE TAIPEI)
2827 Xerox Corporation (USA)
1416 Xyratex Technology Ltd (U.K.)
3538 XYZprinting, Inc. (CHINESE TAIPEI)

[Y]
3229 YOUNG Lighting Technology Inc. (CHINESE TAIPEI)
2850 YOUNGWOON TELECOM INC. (KOREA)

[Z]
2787 Zalman Tech. Co., Ltd. (KOREA)
1229 ZEBRA TECHNOLOGIES CORPORAION (USA)
2462 ZF Electronics Corporation (USA)
636 ZF Friedrichshafen AG (GERMANY)
339 ZHONG TECHNOLOGIES (USA)
3499 ZIN CORPORATION Co., Ltd. (KOREA)
3521 ZOTAC International (Macao Commercial Offshore) Limited (HONG KONG)
3354 ZTE Corporation (CHINA)
2596 Zylux Acoustic Corporation (CHINESE TAIPEI)

Supporting Members

<Japanese>

No. Company Name

[A]

- 3196 ANRITSU CUSTOMER SERVICES CO.,LTD.
- 2763 Astronaut CO., LTD.

[C]

- 884 Canon Imaging Systems Inc.
- 1192 Chiba Industry Advancement Center
Toukatsu Techno Plaza
- 1846 Chokuan Information and Industry
Development Foundation
- 755 COSMOS CORPORATION

[E]

- 997 E & C Engineering K.K.
- 1263 Ehime Institute of Industrial Technology
- 259 EMC Japan Corporation
- 300 e-OHTAMA, LTD.
- 1906 ETS-Lindgren Japan, Inc.

[F]

- 3312 FDK CORPORATION
- 2228 FELLOW INC
- 2865 FUJIFILM Techno Products Co., Ltd.
- 1115 FUJITSU GENERAL EMC LABORATORY LIMITED
- 575 Fukushima Technology Centre
- 1370 Furuno Labotech International Co., Ltd.

[G]

- 1007 GE Healthcare Japan Corporation
- 2586 GIKENKOGYO CO., LTD. TECHNOSHIELD
BUSINESS DIVISION

[H]

- 423 HIROSHIMA-TECHNOPLAZA CORPORATION
- 1823 Hitachi High-Technologies Corporation
- 2207 Hitachi Information & Telecommunication
Engineering, Ltd. EMC Center
- 3356 Hyogo Prefectural Institute of Technology

[I]

- 3234 Industrial Research Institute of Niigata Prefecture
- 397 Industrial Research Institute of Shizuoka
Prefecture Hamamatsu Technical Support Center
- 742 Industrial Technology Center of OKAYAMA Pref.
- 2264 Industrial Technology Center of Tochigi Prefecture
- 1213 Industrial Technology Institute,
Miyagi Prefectural Government
- 999 Intertek Japan K.K.
- 579 IPS Corporation
- 2227 ISHIKAWA Co., Ltd.

[J]

- 792 JAPAN ELECTRICAL SAFETY & ENVIRONMENT
TECHNOLOGY LABORATORIES
- 140 JEL Limited

[K]

- 1251 Kagawa Industry Support Foundation

- 689 Kanagawa Industrial Technology Center
- 187 KITAGAWA INDUSTRIES CO., LTD.
- 3304 Kyoritsu Electric Corporation

[M]

- 1301 Minami-Shisyu Iida Industry Center
- 1438 Miyazaki Prefecture Industrial Technology Center
- 2973 M-System Co., Ltd.

[N]

- 352 Nagano Prefectural General Industrial
Technology Center Precision and
Electronics Technology Department
- 2421 NEC Computertechno, Ltd.
- 2430 NIHON KOHDEN CORPORATION
- 1034 NK Works Co., Ltd.
- 684 NOISE LABORATORY CO., LTD.
- 2689 Noritz Corporation

[O]

- 898 OKI ENGINEERING CO., LTD.
- 463 OLYMPUS CORPORATION

[P]

- 2024 Panasonic Factory Solutions Co., Ltd.
- 608 Panasonic System Networks Evaluation
Technology Co., Ltd.
- 2923 PFU TECHNOCONSUL Limited

[R]

- 2285 Radio Engineering & Electronics Association
- 1398 RAKURYOU TECHNICA CO., LTD.
- 2563 RF Technologies Ltd.
- 485 RIKEN ENVIRONMENTAL SYSTEM Co., Ltd
- 2759 Rohde & Schwarz Japan K.K.
- 1337 Roland Corporation

[S]

- 3446 Samoto & Associates, Ltd.
- 3142 SAXA Business Systems, Inc.
- 2906 SELA Corporation
- 3274 Shimane Insutitute Industrial Technology

[T]

- 346 TDK-Lambda Corporation
- 800 Techno EMC Co., Ltd.
- 996 Tokin EMC Engineering Co., Ltd.
- 1098 TOKYO METROPOLITAN INDUSTRIAL
TECHNOLOGY RESEARCH INSTITUTE
- 943 TOSHIBA CARRIER ENGINEERING CORPORATION
- 3283 Toyama Industrial Technology Center
- 995 TOYO Corporation
- 3396 Toyota Industries Corporation
- 811 TUV Rheinland Japan Ltd.
- 620 TUV SUD Japan Ltd.
- 240 TUV SUD Zacta Ltd.

[U]

- 474 UL Japan, Inc
- 424 UL Kashima, Inc.

[W]

- 260 WAVE CORPORATION

[Y]

- 3318 YAMAHA MOTOR CO., LTD.
- 911 Yashima Denki Co., LTD.

<Overseas>

No. Company Name

[A]

- 916 3C Test Ltd (U.K.)
- 3034 A Test Lab Techno Corp. (CHINESE TAIPEI)
- 1831 Advanced Compliance Solutions, Inc. (USA)
- 1005 Aegis Labs, Inc. (USA)
- 2186 APPLUS+ LGAI (SPAIN)
- 2705 Asia Institute Technology (DongGuan) Limited (CHINA)
- 966 Atlas Compliance & Engineering, Inc. (USA)
- 1257 AUDIX Technology (Shanghai) Co., Ltd. (CHINA)
- 638 Audix Technology (Shenzhen) Co., Ltd. (CHINA)
- 2653 Audix Technology (Wujiang) Co., Ltd. (CHINA)
- 237 Audix Technology Corporation (CHINESE TAIPEI)

[B]

- 981 Bay Area Compliance Laboratories Corp. (USA)
- 3387 Bay Area Compliance Labs Corp., (ShenZhen) (CHINA)
- 3329 BEC Incorporated (USA)
- 2213 Bureau Veritas Consumer Product Services (GERMANY)
- 818 Bureau Veritas Consumer Products Services (USA)
- 395 Bureau Veritas Consumer Products Services
(H.K.) Ltd., Taoyuan Branch (CHINESE TAIPEI)
- 2115 Bureau Veritas Shenzhen Co., Ltd. Dongguan
Branch (CHINA)
- 1818 BWS TECH, INC. (KOREA)

[C]

- 1847 Central Research Technology Co. (CHINESE TAIPEI)
- 3517 Centre of Testing Service Co., Ltd. (CHINA)
- 3177 Centre Testing International (Shenzhen) Limited
(CHINA)
- 2216 Cerpass Technology Corporation (CHINESE TAIPEI)
- 2783 CETECOM GmbH (GERMANY)
- 555 Chomerics Test Services (USA)
- 2765 CHUNGBUK TECHNOPARK (KOREA)
- 213 CKC Laboratories, Inc. (USA)
- 530 Compatible Electronics, Inc. (USA)
- 1938 Compliance Certification Services (KunShan) Inc.
(CHINA)

- 710 Compliance Certification Services Inc. (CHINESE TAIPEI)
- 3168 Compliance Worldwide, Inc. (USA)
- 3330 Core Compliance Testing Services, LLC (USA)
- 332 CSA Group bayern GmbH (GERMANY)
- 2981 CSA International (CANADA)
- 1208 CTK Co., Ltd. (KOREA)

[D]

- 270 D.L.S. Electronic Systems, Inc. (USA)
- 910 DELTA Danish Electronics, Light & Acoustics (DENMARK)
- 1722 Digital EMC Co., Ltd. (KOREA)
- 715 DNB Engineering, Inc. (USA)
- 3512 Dongguan Dongdian Testing Service Co., Ltd (CHINA)
- 3207 DSTech Co. (KOREA)

[E]

- 1607 Electrical and Electronics Institute (EEI),
Thailand (THAILAND)
- 922 ELECTRO MAGNETIC TEST, INC. (USA)
- 2870 ElectroMagnetic Investigations, LLC (USA)
- 3322 Electromagnetic Testing Services Ltd (U.K.)
- 277 Electronics Testing Center, Taiwan (CHINESE TAIPEI)
- 1980 EMC compliance., Ltd. (KOREA)
- 2649 EMC Integrity, Inc. (USA)
- 785 EMC Technologies Pty Ltd (AUSTRALIA)
- 1409 EMCCONS DR. RASEK GmbH & Co. KG (GERMANY)
- 2210 EMITECH Angers (FRANCE)
- 1648 emitel AG (GERMANY)
- 719 EMV TESTHAUS GMBH (GERMANY)
- 3270 EST Technology Co., Ltd (CHINA)
- 3470 ESTECH Co., Ltd. (KOREA)
- 1474 ETL Inc. (KOREA)

[F]

- 2003 Flextronics Canada Design Services Inc. (CANADA)

[G]

- 3143 Gefen Inc. (USA)
- 2778 Global Certification Corp. (CHINESE TAIPEI)
- 2718 Global EMC Inc. (CANADA)
- 708 Global EMC Standard Tech. Corp. (CHINESE TAIPEI)
- 2752 Global Testing Laboratories, LLC (USA)
- 3373 Guangzhou GRG Metrology and Test CO.,LTD (CHINA)
- 2092 Gumi College EMC Center (KOREA)

[H]

- 3026 HCL TECHNOLOGIES LTD. (INDIA)
- 264 HCT Co., Ltd. (KOREA)
- 592 Hermon Laboratories Ltd. (ISRAEL)
- 1814 Hong An Technology CO.,LTD. (CHINESE TAIPEI)
- 3070 Hong Fu Jin Precision Electrons (Yantai) Co., Ltd.
(CHINA)
- 2257 Hong Fu Jin Precision Ind. (Shenzhen) Co., Ltd.
(CHINA)
- 1145 HURSLY EMC SERVICES LTD (U.K.)

[I]

- 821 I.T.L. (PRODUCT TESTING) LTD (ISRAEL)
- 3452 International Certification Corp. (CHINESE TAIPEI)
- 243 International Standards Laboratory (CHINESE TAIPEI)
- 1349 Interocean EMC Technology Corp. (CHINESE TAIPEI)
- 960 Intertek Testing Services Hong Kong Ltd.
(HONG KONG)
- 334 Intertek Testing Services NA Inc. (USA)
- 909 Intertek Testing Services NA Inc. -ETL- (USA)
- 1253 Intertek Testing Services Taiwan Ltd.
(CHINESE TAIPEI)

- 1739 IST Co., Ltd. (International Standard Technology)
(KOREA)
- 242 ITC Engineering Service, Inc. (USA)

[J]

- 2746 Jiangsu Electronic Information Product Quality
Supervision & Inspection Institute (CHINA)
- 3462 JNDL Laboratory CO., LTD. (KOREA)

[K]

- 3465 Keystone Compliance, LLC (USA)
- 3498 Keyway Testing Technology Co., Ltd. (CHINA)
- 750 Korea EMC Laboratory Co., Ltd. (KOREA)
- 2442 KOREA TESTING & RESEARCH INSTITUTE (KTR) (KOREA)
- 2005 KOSTEC Co., Ltd. (KOREA)

[L]

- 3376 Laboratoria De Nayer VZW (BERGIUM)
- 3533 LCIE (Laboratoire Central des Industries
Electriques) (FRANCE)
- 1132 Liberty Labs, Inc. (USA)
- 2411 LTA Co., Ltd. (KOREA)

[M]

- 757 MET LABORATORIES, INC. (USA)
- 2959 MiCOM Labs (USA)
- 1177 Mitsubishi Electric Europe B.V.
EMC-Competence-Center (GERMANY)

[N]

- 1211 National Technical Systems (USA)
- 303 National Technical Systems-Silicon Valley (USA)
- 3220 Nemko AS (NORWAY)
- 642 Nemko Canada Inc (CANADA)
- 228 NEMKO DALLAS, INC. (USA)
- 2118 Nemko Korea Co., Ltd. (KOREA)
- 720 Nemko USA, Inc. - San Diego EMC Division (USA)
- 672 Neutron Engineering Inc. (CHINESE TAIPEI)
- 2709 Neutron Engineering Inc. (China) (CHINA)
- 564 Northwest EMC, Inc. (USA)

[O]

- 782 ONETECH Corp. (KOREA)

[P]

- 656 PCTEST Engineering Laboratory, Inc. (USA)
- 3418 PEP Certification Corp. (CHINESE TAIPEI)
- 618 Product Safety Engineering, Inc. (USA)
- 409 Professional Testing (EMI), Inc. (USA)

[Q]

- 1798 QualiTech, EMC Lab. (ISRAEL)
- 1153 QuieTek Corporation (CHINESE TAIPEI)

[R]

- 2545 R.N. Electronics Ltd. (U.K.)
- 1908 RETLIF Testing Laboratories (USA)
- 652 Rhein Tech Laboratories, Inc. (USA)

[S]

- 2793 SGS Germany GmbH (GERMANY)
- 2934 SGS Korea Co., Ltd. (KOREA)
- 1234 SGS KOREA CO.,LTD. (Gunpo Laboratory) (KOREA)
- 3300 SGS North America (USA)
- 1600 SGS Taiwan Ltd. (CHINESE TAIPEI)
- 3061 SGS-CSTC Standards Technical Services
(Shanghai) Co., Ltd. (CHINA)
- 1937 SGS-CSTC Standards Technical Services Co., Ltd. (CHINA)
- 2621 Shanghai Institute of Measurement and
Testing Technology EMC Lab. (CHINA)

- 3525 Shenzhen Academy of Metrology and
Quality Inspection (CHINA)
- 2893 SHENZHEN EMTEK Co., Ltd. (CHINA)
- 2218 Shenzhen Huatongwei International
Inspection Co., Ltd. (CHINA)
- 3236 Shenzhen Most Technology Service Co., Ltd. (CHINA)
- 3081 SIEMIC INC (USA)
- 3071 SINGAPORE EPSON INDUSTRIAL PTE LTD (SINGAPORE)
- 2329 SinTek Laboratory Co., Ltd. (CHINA)
- 1411 SK Tech Co., Ltd. (KOREA)
- 842 Spectrum Research & Testing Laboratory Inc.
(CHINESE TAIPEI)
- 466 Sporton International Inc. (CHINESE TAIPEI)
- 3096 Standard Bank Co., Ltd (KOREA)

[T]

- 658 Test Site Services (USA)
- 3379 The Compliance Management Group (CMG) (USA)
- 1328 The Hong Kong Standards and Testing
Centre Ltd. (HONG KONG)
- 831 The Standards Institution of Israel (SII) (ISRAEL)
- 3241 TPV Display Technology (Xiamen) Co., Ltd. (CHINA)
- 657 TRaC Global Ltd (U.K.)
- 631 TRAINING RESEARCH CO., LTD. (CHINESE TAIPEI)
- 2697 TUV Rheinland (Guangdong) Ltd. (CHINA)
- 639 TUV Rheinland EPS B.V. (THE NETHERLANDS)
- 1097 TUV Rheinland of North America (USA)
- 3252 TUV Rheinland Taiwan Ltd. (CHINESE TAIPEI)
- 129 TUV SUD America Inc. (USA)
- 433 TUV SUD Product Service Ltd. (U.K.)
- 542 TUV SUD PSB Pte Ltd (SINGAPORE)

[U]

- 3148 UL International Singapore Pte Ltd (SINGAPORE)
- 596 UL LLC (USA)
- 376 UL Verification Services Inc. (USA)
- 1309 Ultratech Engineering Labs Inc. (CANADA)
- 892 Universal Compliance. Labs dba EMCE
Engineering (USA)

[V]

- 935 VDE Testing and Certification Institute (GERMANY)

[W]

- 3138 Walshire Labs, LLC (USA)
- 3503 Waltek Services (Shenzhen) Co., Ltd. (CHINA)
- 3456 Wipro Technologies (INDIA)
- 3289 World Standardization Certification &
Testing (Shenzhen) CO., LTD. (CHINA)
- 2450 Worldwide Testing Services (Taiwan) Co., Ltd.
(CHINESE TAIPEI)
- 1494 Wyle Laboratories, Inc. (USA)

[Y]

- 1006 YORK EMC SERVICES LTD. (U.K.)
- 1062 York EMC Services, EMC Test Centre (U.K.)

[Z]

- 3479 Zhejiang Kezheng Electronic Information
Product Testing Co., Ltd. (CHINA)

As of March 31, 2014

Settlement of account for FY2013

(Statement of net assets)

From April 1, 2013 to March 31, 2014

(unit: Japanese yen)

Items	Current fiscal year	Previous fiscal year	Increase or decrease
I. Statement of general net assets			
1. Ordinary increase and decrease			
(1) Ordinary earnings			
① Admission fees received	(4,050,000)	(4,950,000)	(△ 900,000)
Admission fees received	4,050,000	4,950,000	△ 900,000
② Membership fees received	(241,400,000)	(243,910,000)	(△ 2,510,000)
Membership fees received	241,400,000	243,910,000	△ 2,510,000
③ Earning on enterprise fees	(17,361,000)	(19,346,000)	(△ 1,985,000)
Site registration fees	13,416,000	15,976,000	△ 2,560,000
Seminar enrollment fees	3,945,000	3,370,000	575,000
④ Miscellaneous earnings	(1,548,803)	(786,724)	(△ 762,079)
Miscellaneous earnings	1,548,803	786,724	762,079
Total ordinary earnings	264,359,803	268,992,724	△ 4,632,921
(2) Ordinary expenditure			
① Enterprise expenditure	(233,237,563)	(226,569,327)	(△ 6,668,236)
Labor	58,850,291	57,150,397	1,699,894
Enterprise overhead	38,004,844	39,290,544	△ 1,285,700
Operating expenditure	3,320,944	2,014,053	1,306,891
Standards setting	23,773,331	21,192,627	2,580,704
Technical education and training	7,318,291	7,542,765	△ 224,474
Market surveillance	26,287,830	25,774,751	513,079
International relations operation	8,747,624	4,015,009	4,732,615
Public relations	19,524,328	21,453,901	△ 1,929,573
Site registration expenditure	38,760,000	40,800,000	△ 2,040,000
Transfer to bonus reserve fund	5,431,200	4,879,200	552,000
Transfer to retirement allowance reserve fund	2,546,880	1,784,080	762,800
Transfer to officers retirement bonus reserve fund	672,000	672,000	0
② Administrative expenditure	(26,723,386)	(26,168,750)	(△ 554,636)
Labor	13,479,532	12,305,809	1,173,723
Housekeeping	11,081,334	12,029,121	△ 947,787
Transfer to bonus reserve fund	1,357,800	1,219,800	138,000
Transfer to retirement allowance reserve fund	636,720	446,020	190,700
Transfer to officers retirement bonus reserve fund	168,000	168,000	0
Total ordinary expenditure	259,960,949	252,738,077	7,222,872
Current fiscal year ordinary increase and decrease amount	4,398,854	16,254,647	△ 11,855,793

Items	Current fiscal year	Previous fiscal year	Increase or decrease
General net assets before TAX	4,398,854	16,254,647	△ 11,855,793
Corporation tax, residential tax and enterprise tax	70,000	70,000	0
Current fiscal year general net assets	4,328,854	16,184,647	△ 11,855,793
Balance of general net assets at the beginning of the term	334,386,968	318,202,321	16,184,647
Balance of general net assets at the end of the term	338,715,822	334,386,968	4,328,854
II. Balance of net assets at the end of the term	338,715,822	334,386,968	4,328,854

NOA Bldg.



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Participating organizations

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Japan Business Machine and Information
System Industries Association (JBMIA)
Communications and Information network
Association of Japan (CIAJ)

As of March 31, 2014

