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Distributed to: SESEC Partners,
EU standardization stakeholders
Date of issue: 2015-10-12*

SESEC III
**China Standardization and
Technical Regulation**
Bimonthly Newsletter
For
August & September 2015



CENELEC

ETSI



Seconded European Standardization Expert in China Project (SESEC)

Introduction of SESEC Project

The Seconded European Standardization Expert in China (SESEC) is a visibility project co-financed by the European Commission (EC), the European Free Trade Association (EFTA) secretariat and the three European Standardization Organizations (CEN, CENELEC and ETSI).



Since 2006, there has been two SESEC projects in China, SESEC I (2006-2009) and SESEC II (2009-2012). In Dec 2014, SESEC III was officially launched in Beijing, China. Dr. Betty XU was nominated as the SESEC expert and will spend the next 36 months on promoting EU-China standardization information exchange and EU-China standardization cooperation.

The SESEC project supports the strategic objectives of the European Union, EFTA and the European Standardization Organizations (ESOs). The purpose of SESEC project is to

- Promote European and international standards in China;
- Improve contacts with different levels of the Chinese administration, industry and standardization bodies;
- Improve the visibility and understanding of the European Standardization System (ESS) in China;
- Gather regulatory and standardization intelligence.

SESEC III China Standardization and Technical Regulation Bimonthly Newsletter

SESEC III China Standardization and Technical Regulation Bimonthly Newsletter is the gathering of China regulatory and standardization intelligence. Most information of the Monthly Newsletter were summarized from China news media or websites. Some of them were the first-hand information from TC meetings, forums/workshops, or meetings/dialogues with China government authorities in certain areas. Regulatory and standardization information summaries, translations, and strategic analyses in the prioritized areas selected by SESEC partners, were offered by SESEC III expert. With the limited resources of SESEC III, detailed translations of some news items only can be available on request.

SESEC III Translated Documents and Special Reports

SESEC III Translated Documents are the selected Chinese articles English translation. They can be China governments' regulations, official notices and some articles from Chinese websites or news media.

SESEC III Special Reports are the regulatory and standardization reports on some areas with deeper and wider overview or analyses. SESEC III Special Reports also cover the prioritized areas selected by SESEC partners. They also can be some hot topics or lobby activities reports in China.

In this Bimonthly Newsletter

In this Bimonthly Newsletter, updates on China Standardization Reform, updates in the priority areas and China Echo-design Standards and The Labeling for Eco-design Product were reported. Some call for comments and Events on China Standards were also reported.

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 - ❖ **Workshop on EU and China Regulatory Framework- Innovation, regulatory compliance and role of standards**
 - ❖ **2015 EU - China Green Design and Manufacture Standardization International Seminar**
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Abbreviations

AQSIQ	General Administration of quality supervision, inspection and quarantine of PRC	国家质量监督检验检疫总局
CAS	China Association	中国标准化协会
CCC	China Compulsory Certification	中国强制认证
CCSA	China Communication Standardization Association	中国通信标准化协会
CEC	China Electricity Council	中国电力企业联合会
CEEIA	China Electrical Equipment Industrial Association	中国电器工业协会
CELC	China Energy Labeling Center	中国能效标识中心
CESI	China Electronic Standardization Institute	中国电子标准化研究所
CFDA	China Food and Drug Administration	中国食品药品监督管理局
CMDSA	Center for Medical Device Standardization Administration	医疗器械标准管理中心
CNCA	Certification and Accreditation Administration of China	中国国家认证认可监督管理委员会
CNIS	China National Institute of Standardization	中国国家标准化研究院
CNREC	China National Renewable Energy Center	中国国家可再生能源中心
EPPEI	Electric Power Planning and Engineering Institute	电力规划设计总院
IEC	International Electrotechnical Commission	国际电工委员会
ITEI	Instrumentation Technology and Economy Institute	机械工业仪器仪表综合技术与经济研究所
MIIT	Ministry of Industry and Information Technology of People's Republic of China	中国工业和信息化部
MoH	Ministry of Health	卫生部
MoHURD	Ministry of Housing and Urban-Rural Development	住房和城乡建设部
MOR	Ministry of Railway	中国铁道部
MOT	Ministry of Transport	中国交通运输部
MOST	Ministry of Science and Technology	中国科学技术部
NDRC	National development and reform commission People's Republic of China	中国国家发改委
NIFDC	National Institute of Food and Drug Control	中国食品药品检定研究院
SAC	Standardization Administration of China	国家标准化管理委员会
SCLAO	State Council Legislative Affairs Office	国务院法制办公室
SGCC	State Grid Corporation of China	国家电网
SIPO	State Intellectual Property Office	国家知识产权局
TC	Technical Committee for Standard Development	标准化技术委员会

Contents

1. China Standardization Reform Updates in August and Sept 2015

China Standardization Reform started in 2014, until the first half year of 2015, one official document “*State Council (SC) Document No. [2015] 13, Plan for Deepening Standardization Reforms.*” (See SESEC newsletter march2015) was published in March 2015. Some other supporting activities and updates are as follows,

- **Activity of the Joint Inter-Ministerial Committee for Standard Coordination and Promotion**

In June 2015, The State Council set-up the Joint Inter-Ministerial Committee for Standard Coordination and Promotion (see SESEC Bi-monthly newsletter June and July 2015)

In August and Sept 2015, the observation of this newly set-up the Joint Inter-Ministerial Committee for Standard Coordination and Promotion is that, it did not start any substantial work yet. There is no official report on any General meeting of this committee. It is quite obvious that holding 39 different organizations to work together is quite difficult. Only State Council can have such big power. AQSIQ obviously can't co-ordinate so many different organizations who can make their own “ministerial-level or Sector” standards.

Currently all the standardization reform related laws and legislation drafting is still under AQSIQ only. AQSIQ and its affiliated organizations like SAC and CNIS, are drafting the laws and the Law related Acts and Regulations. When the standardization law draft is ready, AQSIQ submit it to State Council as the “Draft for Evaluation”. Other lower level legislation documents like the “China National Compulsory Standards Management Rule” and “China National Technical Committee Management Rule”, can be managed and approved by AQSIQ.

- **Development on China Standardization Law drafting**

On 16th Sept 2015, AQSIQ issued **AQSIQ [2015] No. 352 Document**, which is the application for approval to State Council on the newly revised “China Standardization Law” (Draft for Evaluation).

This means that the “China Standardization Law” is pretty much finalized. If State Council approves this draft, internal and public commenting period may be open in early 2016 and it may be approved by “China People Congress” later. The targeted publishing timeframe for “China standardization Law” is June 2016.

SESEC expert Analyses of this “China Standardization Law” (Draft for Evaluation) will be available on request

- **Development on Summary for other legal documents in China Standardization Reform**

Document title	What	Who is in charge	Status as of Oct
<i>China Standardization Law</i>	China National Law	AQSIQ (SAC)	submitted to State Council
<i>China National Compulsory Standards Management Rule</i>	AQSIQ Regulation	AQSIQ (SAC)	Under drafting

<i>“China National Technical Committee Management Rule”</i>	SAC Regulation	SAC	Under drafting
<i>“Guideline of Fostering and Developing Association Standards”</i>	SAC Guideline	SAC	Finished, not for public yet
<i>“Association Standardization good practices code”</i>	Could be a national standard	CNIS (SAC TC 268)	Finished, under commenting
<i>“Management Rule on Association Standards Transforming to National Standards”</i>	SAC Rule	SAC	Under drafting
<i>Enterprises Products and Services Standards Self-declaration and Supervision Rules</i>	SAC Regulation	SAC	Finalizing stage
<i>“the Program for Construction of Industry Pilots for Enterprise Products and Services Standards Self-Declaration and Supervision System (Draft)”</i>	AQSIQ Guideline	AQSIQ/SAC	Under discussion
<i>Regulation on Enterprise Products and Services Standards Declaration</i>	AQSIQ Guideline	AQSIQ/SAC	Under drafting

- **The State Council published the Action Plan for Deepening the Reform of Standardization (2015-2016) in Sept**

In Sept 2015, State Council published “Action Plan for Deepening the Reform of Standardization (2015- 2016). The main points of acting plan are as follow:

- Carry out clean-up and assessment of compulsory standards. Comprehensive clean-up and assessment should be made in current compulsory national, trade and local standards and working plan on development and revision. Standards that are no longer applicable should be abolished and those that are not inappropriate to be used as compulsory standards should be converted into recommended standards. For standards that do need to be made compulsory, suggestions on effective integrated revision should be proposed.
- Review and revise recommended standards. Centralized review should be conducted in current recommended national, trade and local standards and those no longer applicable should be abolished. For following standards, revision should be carried out in different batches: contradiction and overlapping occur among different level of standards, there is a huge difference between those standards and national standards, standards that lagged behind the development of industry and technology.
- Optimize the development and revision procedure of recommended standards, strengthen supervision on project approval assessment, standards drafting, advice seeking, technical review and other aspects.
- Carry out group standards pilot, study and work out implementation measures for promoting scientific academic groups and management.
- Develop self-disclosure and supervision system pilots for enterprises products and service standards.
- Strengthen standards implementation and supervision, establish standards implemen-

tation feedback mechanism and carry out implementation effect evaluation of compulsory standards.

- Improve the management of technical committee.
- Raise the international level of standards, strengthen the management of attending international standardization activities, encourage foreign companies to refer to China's standardization activities, and gradually increase the proportion of standards formulated under our lead.
- Promote China's standards to go global, strengthen translation and publication of China's standards, and enhance the mutual recognition with major national trading standards.
- Strengthen information construction and plan to establish a unified national standard information website.
- Establish a coordinate and coordination mechanism for State Council standardization mechanism.
- Promote publicity.
- Strengthen the funding of Standardization work.
- Strengthen the construction of legal system, accelerate the revision of China's standardization law and carry out the study and draft work of supporting regulation and rules.

• **Development on (National, Ministry-level and regional) Compulsory Standards**

According to the new drafted China Standardization Law, there will ONLY be National Compulsory Standards in the future. National, Ministry-level and Regional Compulsory Standards will be deleted or in-valid.

Currently, SAC asked all the Ministry-level organizations who have the rights to make ministerial standards to check their Compulsory standards and report them to SAC. If there are some existing National Compulsory Standards in these area, the ministerial level compulsory standards need to be cancelled. If there is no counterpart National Compulsory Standard, the ministerial compulsory standards can be updated (with proper processes) to National Compulsory Standards.

In the future, more detailed processes need to be published by AQSIQ and SAC on who will make the National Compulsory Standards and how to make National Compulsory Standards.

• **Development on Association Standards (or Social Group Standards)**

In August and Sept 2015, *Guideline of Fostering and Developing Association Standards* was ready for public consultation. Some new points are clear in this document:

- Compulsory standards can only be National Standards.
- Recommended or voluntary standards could be national, ministerial, local and association standards. Ministerial standards, local standards and association standards are with similar power in the future.
- Association Standards will have the unified numbering like T/Associations name- numbers – year.
- SAC will set up national Association Standards IT platform and encourage the associations to declare their association standards to public. The website will be: www.ttbz.org.cn

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- It is said in the official documents that “Encourage the government industrial polices, and even certification and conformity assessment schemes to refer Association Standards. It means some government procurements or CCC in the future can refer Association Standards if applicable.
 - Association standards **cannot** be conflicting to National Compulsory Standards and Chinese laws
 - Association Standards can be overlapping or conflicting to national, ministerial level and local standards. **It also means Association standards can be conflicting to IEC/ISO standards.**
 - 39 Associations, like CEEIA, CEC, CAS, are making Associations Standards in their areas.
- **Development on Enterprise Standards: AQSIQ jointly with SAC launched the pilots for enterprise products and service standards self-declaration disclosure and supervision system**

The leading group of enterprises standards management system reform held the first plenary meeting to promote pilot works on enterprise products and service standards self-declaration disclosure and supervision system. It also explored ways to launch pilots in tourism, after-market services in automotive, edible vegetable oil, cosmetics, building waterproof coiled material, water purifier, air purifier and other industries.

The meeting has discussed “the Program for Construction of Industry Pilots for Enterprise Products and Services Standards Self-Declaration and Supervision System (Draft)”, and discussed the work program and work plan of AQSIQ’s leading group office of enterprises standards management system reform.

- **Next Steps**

The public commenting for “China Standardization Law” could be launched in last quarter of 2015.

Detailed review of these the official documents by SESEC will be available soon.

2. Reform of ecological cultivation: The State Council released “ Overall Plan for the Reform of Ecological Cultivation”

In order to accelerate the establishment of a systematically complete system of ecological civilization, State Council “Overall plan for the reform of ecological cultivation”.

The plan has made critical indicators for the guidelines, ideas, principles and goals of the system reform of ecological cultivation. It also provided important guidance on several aspects, such as perfecting property right system of natural resources, establishing space planning system, improving resources management and comprehensive conservation system, perfecting market system of environmental governance and ecological protection, and a lot of more.

In the perfection of environmental governance and ecological protection market system, it is pointed out to establish a unified green products system.

- The existing organic products and products of environmental protection, energy conservation, water conservation, recycling, low carbon, and regeneration, will be integrated to Unified “Green Products”.

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- The Unified Green Products Standardization, Certification and Labeling system will be set up.
- Fiscal and taxation financial support and government procurement policies to the R&D, production, transportation and distribution and the purchase of green products will also be set up.

Observation from SESEC Expert: in the next two years, “Green Products” standardization and Certification System will be set up in China, and some labeling scheme will be made by the government. Echo-design, Energy Efficiency and more will be “Green Manufacturing” in the future. European Industries should pay more attention on these activities, as “Green” certificates or “Green Manufacturing” will have the market competitive advantages, and Government may give some simulation or market access requirements in this area..

3. China Activities in 38th ISO General meeting

The 38th ISO General Assembly was held in Seoul, the Republic of Korea, from September 14 to 18. The Chinese delegation attended the General Assembly as well as other meetings to contribute to ISO work, such as the meetings of ISO council, technical management board, DEVCO, Asian-Pacific Standards Meeting Executive Committee and so forth.

- SAC held bilateral talks with standardization organizations from the United States, the United Kingdom, Germany, France, Canada, Australia etc. in Seoul.
- SAC put forward ideas for key issues with regards to ISO development, such as for ISO 2016-2020 strategic plan, ISO governance, establishment of ISO regional (Singapore) office and general principles for the selection and recruitment of Secretary-General.
- Technical Committee on rare earth proposed by China was approved by ISO, with China assuming the secretariat.
- The Chinese delegation held 16 bilateral talks with major countries with further cooperation potentials and the countries along the "Belt and Road" initiative such as US, UK, Germany, France, Canada and Australia, Armenia, Kazakhstan, Russia, India, Sweden, South Africa, Brazil, India, Egypt, Singapore and Gulf Cooperation Council (GCC) etc.
- China and Russia jointly fostered the standardization cooperation among the BRICS countries, and China will assume the first secretariat.
- The 39th ISO General Assembly will be held from 19 to 23 September in 2016 in Beijing

4. SAC Delegation visited BSI and SIS

The SAC delegation visited the UK and Sweden from 23 to 30 August 2015. The public media reported cooperation between the parties are:

SAC–BSI cooperation

- Smart city, Nuclear Power, City facilities
- SAC also visited CSI. The two parties exchanged ideas on future urban construction of the UK and China-UK inter-municipal standardization cooperation.

SAC- SIS cooperation

- China-Sweden standards translation and distribution
- SAC and SIS jointly signed a Letter of Intent on cooperation, with the signing of a cooperation agreement between SAC and SIS as the next step.

5. CNIS signed a MOU with Canada Standards Association

On 22 September, the President of CNIS Mr. Lincong MA met with the delegation of Canada Standards Association Group (CSA Group) led by Chief Operating Officer Magali Depras. The two sides made in-depth discussion in the areas of energy conservation, safety management of consumer products, asset management, urban sustainable development and hazmat management etc.

At the meeting, the two sides signed a MoU, aiming to promote further collaboration in the above-mentioned areas of common interests through information and academic exchanges, reciprocal visits, and joint research projects on international level.

6. Dong LIU appointed as the first Member of IEEE-SA Board of Governors from China

According to the IEEE-SA board meeting on 25 August 2015, the President and CEO of Beijing Internet Institute (BII) Mr. Dong LIU was officially appointed as a Member of IEEE-SA Board of Governors. Mr. LIU is the first member of IEEE-SA board of governors coming from China.

As a member of the IEEE-SA board of governors, Mr. LIU will fully participate in the work of strategic decision-making, operation management and standards approval etc. The appointment of Mr. LIU will also provide strong support for Chinese enterprises to take lead in formulating international standards for new business forms with internet technology, for the top-down design of internet value chain, and for China to become the global innovation centre.

Mr. Dong LIU has long been involved in the research and promotion of internet infrastructure with focus on IPv6, Domain Name System (DNS), software-defined networks (SDN) and internet of energy. Over the years, Mr. Liu and BII Group actively participated in international standardization work, fostering extensive cooperation with international standardization organizations such as IEEE, ISO, IETF etc, and establishing new standardization systems in many areas. The formulation of the first internet of energy standard ISO/IEC/IEEE 18880 recognized internationally was led by Mr. Liu and his team.

7. The IDT adoption of OneM2M Release 1 is pressing well in China

The 4 WGs under CCSA Ubiquitous Network Technical Committee (TC10) recently held the meetings.

CCSA standards that are identical adoption of the 10 “M2M Technical Specification (Phase I)” in One M2M Release 1 successfully passed the call for comments stage as planned. A joint meeting coordinating inter-projects issues was held in September, and the draft standards will be submitted for review and approval in November.

- The General Workgroup (WG1) mainly discussed standards and research projects in the areas of smart cities and e-health. The CCSA draft standards of “Application of Ubiquitous Network – E-Health – Service Scenes and Technical Requirements” and “Application of Ubiquitous Network – E-Health – General Requirements on Mobile Health” passed the review.
 - WG1 also reviewed and passed the research topic of “Smart Cities Standardization System”, which will provide evidence new projects of smart cities-related standards.

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- The Application Workgroup (WG2) focused on review and approval of the draft ministry-level of standard “Tourist Information Services Based on M2M Technology – General Technical Requirements”.
- WG2 also discussed and approved the new project of “Automobile Information Service – Intelligent Voice Interaction Technology”.
- The Network Workgroup (WG3) discussed and approved the draft for call for comments of “Research on Classified M2M Access”.
- The Perception Extension Workgroup (WG4) reviewed and approved the CCSA draft standards “Technical Requirements for IoT Application-Oriented WLAN Air Interface” and “Technical Requirements for IoT Application-oriented Networking”. The drafts of two ministry-level of standards “Technical Requirements for CoAP” and “Technical Requirements for eUICC (Phase I) were reviewed and approved. The complementary test methods will be released soon.

8. EU-CHINA Workshop on Industrial IoT and IoT Large Scale Pilot twinning was held at 31st August

EU-CHINA Workshop on Industrial IoT and IoT Large Scale Pilot twinning was organized on 31st August to follow up the Action points from the 9th meeting. The objectives of the workshop is to check on interest of IoT deployment in Large Scale Projects – LSP, the first identification of complementary large IoT activities in Europe and China, the status of Industrial IoT in EU and China, the status of work and common EU-China interest in horizontal topics such as standardisation and semantics interoperability.

The topics covered 3 Large Scale Projects, Industrial IoT, Standardization and Semantic Interoperability.

General Agreement that standardization and global standards are important for the Internet of Things. The landscape of IoT standardization is complex and focus is necessary.

The workshop agreed to work on a common standardization mapping exercise, the planned activities until the end of 2015 was as the following:

- Focus and identify common essential fields of IoT standardization established
- Establish active liaison with Chinese SDOs (eg. CCSA) to have Chinese standards identified
- Draft a first common agreed high-level EU-China IoT standards gap analysis from common analysis

9. Focusing on 5G network framework and virtualization technology, the 37th plenary meeting of CCSA TC 5 was convened in Beijing

From 4 to 6 August 2015, CCSA TC 5 on wireless communication convened the 37th plenary meeting in Yinchuan.

- Drafts of 7 national standards including “Technical Requirements and Test Methods of DAA Mechanism for UWB” , “Test Requirements and Test Methods for EMC Environment at Borders” and “General Technical Requirements for LTE-Based B-TrunC System (Phase I) were reviewed and approved.

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- Drafts of 28 ministry-level of standards including “Public AC Efficiency Metrics and Measurement Method”, “Spectrum Efficiency of Public Mobile Communication System- Definition and Calculation Method”, “TD-LTE Digital Cellular Mobile Communication Network – Technical Requirements for Base Station Equipment (Phase II)”, “Technical Requirements for Electrically-Controlled Antenna Interface” and “ Baseband Feed Digital Distribution System – Technical Requirements for Equipment” were reviewed and approved.
- 4 research projects were approved to be completed including “Research on Mobile Big Data Security Technology”, “Research on Distribution of the New IMT Frequency Band Confirmed by WRC07”, and “Research on 450~470 MHz Frequency Band Planning”.
- The new project of revising national standard “Energy Efficiency Metrics and Measurement Method for Mobile Communication Equipment-Base Station” was approved at the meeting
- New projects of 12 ministry-level of standards including “TD-LTE Digital Cellular Mobile Communication Network- Technical Requirement for Base Station Equipment (Phase III)”, and “Home eNode B Security Technical Requirements and Test Method” were approved.
- New projects of 3 research subjects including “Research on Remote Configuration Architecture of eSIM” were approved.

10. IMT-2020 (5G) Promotion Group and 5G PPP Announce Memorandum of Understanding for 5G

Beijing, China and GENT, Belgium – September 29th, 2015 – Today, IMT-2020 (5G) Promotion Group, a 3-ministries initiative on 5G, and The 5G Infrastructure Association – Public Private Partnership (5G PPP), an international non-profit association for collaboration on 5G communications systems, announced their Memorandum of Understanding.

Cao Shumin, Chair of IMT-2020 (5G) Promotion Group stated, “5G PPP and IMT-2020 (5G) Promotion Group are the major organisations of steering 5G R&D in EU and China, respectively. Both of them have vital impacts on global 5G development. This MoU not only sets up a platform for the two sides to promote comprehensive and in-depth cooperation in 5G, but also lays a foundation to facilitate globally unified 5G standardization as well as the development of 5G industry and applications.”

The memorandum of understanding (MoU), signed by Chair of IMT-2020 (5G) Promotion Group, Cao Shumin and Chair of the Board of 5G PPP, Werner Mohr, outlines the basis for ongoing cooperation and collaboration between the two organizations. The MoU specifically sets forth the agreement to share information on basic system concepts for 5G, frequency spectrum to support the global regulatory process and preparation of future global 5G standards by identification of common interest and consensus building.

More info: <https://5g-ppp.eu/imt-2020-5g-promotion-group-and-5g-ppp-announce-memorandum-of-understanding-for-5g/>



11. An Outreach Programme for the Integration of the Television Broadcast Network, Tele-communications Network and the Internet Was Officially Released

The general office of the State Council issued an Outreach Programme for the Integration of the Television Broadcast Network, Telecommunications Network and the Internet (hereinafter referred to as the “Programme”) on 25th August, 2015. The objective of the Programme is to foster the practice in the whole country and the upgrading of the interoperability of network infrastructure and resource sharing.

Six goals are proposed by the Programme:

- First, enhance the complementary operation of the television broadcast network and the telecommunications network to achieve business integration, and promote this practice in the whole country;
- Second, upgrade the network capacity and technology innovation;
- Third, promote the integration of the television broadcast network, the telecommunications network and the internet;
- Fourth, establish a scientific and effective supervision mechanism;
- Fifth, promote the network security;
- Sixth, achieve rapid growth of information consumption

12. China Has Become the Top-runner of 4G Standards with 4G Users Numbered 225 Million

It was reported in the 2015 LTE Network Innovation Seminar, which was convened in 20th September, that China has deployed over 30,000 base stations before June 2015, with 4G users numbered 2250 million covering 17.4% of the mobile phone users.

- China Mobile which owns 940 thousand base stations, has constructed the largest-scale TD-LTE 4G network in the world.
- China Telecom which owns 460 thousand base stations, has constructed the largest-scale FDD LTE 4G network in the world.

TD-LTE is the main standard of LTE 4G Technology followed by China mobile manufacturers. After three phases of TD-LTE trial, 250 million terminals were sold with the total 4G user base expanding to 200million, covering the 85% of the population in China.

Great development has been seen in TD-LTE standard, according to a statistics of TD-SCDMA Industry Alliance, 63 TD-LTE net have been developed in 37 countries before June 2015.

13. The Security of LTE wireless Network Symposium was convened in Beijing

Organized by the China Communications Standards Association (CCSA) and Huawei Technologies, the Security of LTE wireless Network Symposium was convened on 28th September, 2015.

XU Peng, Assistant Consultant of the Department of Science & Technology, MTTI noted that the security of LTE network, which has raised high attention in China, shall be highlighted in the commercial deployment of LTE network. And the government authorities have intensified the publicity of standards related to the security of life and property of the population. CCSA and Huawei Technologies have made great contribution in the practice of this effort.

The Internet gateway technology requirement for the LTE Wireless network security, is the first Chinese industry standard of the LTE network security. In the Symposium, managers of the Huawei Technologies gave a speech referring to the effort that has done by Huawei on the LTE wireless network security including standard development.

14. The 9th conference of the CJK Information Security WG was held in Beijing

Organized by CCSA, the 9th conference of the CJK Information Security WG was convened both on 13th and 14th, August, 2015, in Beijing. 29 experts from TTA, TTC and CCSA attended the conference. Dr. Heung-Youl Youm as the Chairperson-in-Office presided over the meeting.

Representatives from 3 national organizations introduced the latest progress in the field of information security standardization in their countries. The representatives focused on their reports to be submitted to the plenary of the SG17 ITU-T in September. The meeting also discussed the relationship between SG17 ITU-T and the newly established SG20 in the security field, and it was proposed that they adopt the cooperation model of ITU-T SG17 and SG20 in the cloud computing areas with SG17 being the leader group.

It was confirmed that the next conference of the CJK Information Security WG would be convened in January, 2016, TOKYO, Japan, organized by TTC.

15. Energy Information Security: The 15th Asia Information Security Conference held in Shandong, with information security in energy sector as a new topic

That highlight of this year's Asian Information Security Conference was that a new theme about information security in energy sector was brought in discussion. It mainly made thorough discussion on terms of information security risk in our country's energy industry and development of information security construction in the future. Mr. Hu Hong Sheng, deputy director

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of Information Center of National Energy Administration, gave report of “Industrial Control System Security and Electricity Monitoring Network Security”.

Mr. Zhu Chao Yang, deputy director of Information Communication Research Institute of China Electric Power Research Institute, gave report of “Intelligent Grid Industrial Control Security Testament and Research& Preview on Protection System”. Mr. Han Xiao Bo, senior engineer of Sinopec gave report of “Risks Brought to Industrial Control Network Information Security by Integration of Informatization and Industrialization”. Mr. Tian Bing, deputy director of Science& Information Department, State Grid Shandong Electric Power Company, gave report of “Build Effective Supervision System to Secure Electric Power Information Security”.

Set as a standing organization after this year’s forum conference, Forum of Information Security in China Energy Industry will hold forum conference every year and aim at discussing information security issues in energy industry together, which has significant meaning on promoting communication between China and other countries about energy information security and promoting development of information security in China energy industry.

16. Smart City: SAC called for comments on “Smart city - Evaluation model and evaluation index system - Part1: General framework ” and other 10 national standards projects related smart city

The title of these standards projects are

- Smart city - Evaluation model and evaluation index system - Part1: General framework
- Smart city - Evaluation model and evaluation index system - Part1: General requirements for the development of the sectional evaluation index
- Smart city – Information interchange across the system - Part1: General framework
- Smart city – Information interchange across the system - Part1: Technological requirement and testing specification
- Smart city – Information interchange across the system - Part1: Interface protocol and testing specification
- Smart city –data fusion – Part3: data collection specification
- Smart city –data fusion – Part4: open data-sharing requirements
- Smart city –city operation center – Part1: Command center construction framework and requirement
- Smart city – smart healthcare- Part1: Mobile health
- Smart city – Time and space information infrastructures: essential requirement
- Smart city – Time and space information infrastructures: evaluation index system

17. Sino-America Electric Vehicle Standardization Is About to Be Launched

Further to the Sino-German electric vehicle standardization project last year, Sino-American electric vehicle standardization project is about to be launched. The outcome of the negotiation between China and the United States is supposed to determine whether there will be a unification in the electric vehicle standards of both sides. And both sides could find it challenging to reach a unification, for there is a possibility that the result of the negotiation could be influenced by the negotiation between China and German.

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In fact, as early as June 9th this year, there was a Sino-America electric vehicle technology and standards workshop convened in Beijing. But due to the significant difference between the two countries, whether the standardization project of China and American will affect the project between China and German remains to be seen.

Prior to the workshop between China and America, the Sino-German electric vehicle charging program was kicked off in Beijing in July 2014. Electric vehicle produced by China and America in the future shall conform to a unified charging interface standard without having to compromise the performance and security of the vehicle, as required by the cooperation agreement.

SAC is now calling for comments on the national standard of electric vehicle charging. And the Guidelines for the electric vehicle charging infrastructure and the Guiding Opinions on the charging infrastructure construction is expected to be officially released in the near future.

18. IEC TC 64/SAC TC 205: The Third Conference of SAC/TC205 National Standardization Technical Committee for Electrical Installations of Buildings was convened in Beijing

Organized by SAC, LvD working group of EU Chamber, Schneider Electric and Siemens (China) Corporate, the Third Conference of the National Standardization Technical Committee for Electrical Installations of Buildings was convened on 17th and 18th September.

Key presentations of the Conference:

Introduction on the IEC60364-8-1:2014 Low-voltage electrical installation Part8-1: Energy efficiency

Introduction on the IEC60364-7-722: Low Voltage Electrical Installations Part 7-722: Requirements for Special Installations or Locations - Supply of Electric Vehicle

2 draft standard for examination got approved at the annual meeting

GB/T 13870.4-201X/IEC/TR 60479-4:2011 Effects of current on human beings and livestock- Part4: Effects of lightning strokes

GB 16895.30-201X/IEC 60364-7-715:2011Low-voltage electrical installations -- Part 7-715: Requirements for special installations or locations -- Extra-low voltage lighting installations

19. National standard Technical Specification of Evaluation of Integration Characteristics for Connecting Photovoltaic Power System to Distribution Network got officially released

Formulated under the leadership of the China Electric Power Research Institute, national standard GB/T 31999-2015: Technical specification of evaluation of integration characteristics for connecting photovoltaic power system to distribution network was officially released and will formally take effect on 1st April, 2016.

Covering the main content and method of the evaluation, the new developed standard shall be used in conjunction with the Technical requirements for connecting photovoltaic power system to distribution network The practical need for the supervision and assessment of grid connected photovoltaic power generation system in China responding to the needs of the supervision and assessment of the photovoltaic power system.

20. IEC-TC2 International Proposal Symposium for Hydro Generator was convened in Harbin

IEC-TC2 International Proposal Symposium for Hydro Generator was convened on 20th August, Harbin. Proposals of China for TC2 IEC were discussed on the symposium. And modifications were made after the discussion.

The title of the standard was changed into Rotary motor Part xx: special requirement for hydro generator, as the IEC 60034 standards.

The draft of the standard should be based on the GB/T 7894: Essential technical condition for hydro generator.

21. IEC TC 33/SAC TC 45 The 8th conference of the National Technical Committee 45 on Power Condenser of Standardization Administration of China was held on Ningbo

The 8th conference of the National Technical Committee 45 on Power Condenser of Standardization Administration of China is consisted of 39 commissioners, with the secretariat set in Xi'an High Voltage Apparatus Research Institute.

The following standards were discussed in the conference:

- GB/T 12747.1 - 201X: Shunt power capacitors of the self-healing type for a.c. systems having a rated voltage up to and including 1 000V—Part 1:General—Performance, testing and rating—Safety requirements—Guide for installation and operation
- GB/T 12747.2 - 201X: Shunt power capacitors of the self-healing type for a.c. systems having a rated voltage up to and including 1 000 V—Part 2: Ageing test, self-healing test and destruction test
- GB/T 6115.2 - 201X: Series capacitors for power systems -Part 2: protection equipment for the series capacitors
- Low-voltage reactive power compensation term

22. Medical Devices: State Council released the Opinions on Reform Drug and Medical Devices Approval System

The opinions has put forward to establish a more scientific and efficient drug and medical device review and approval system, improve the transparency of review and approval, disclose the acceptance of medical device registration, technical review, product inspection, conditions of on-site inspection, technology requirements and information related to acceptance and approval, so as to guide applicants to research and develop and apply in an orderly fashion.

The main tasks include encouraging research & development and innovation in medical devices, listing registration and application of innovative medical devices with invention patents of product core technology and a significant clinical value into the scope of special review and approval to deal with as priority. It is also included in the main tasks that medical device standard needs to be revised in timely to improve the adoption rate of medical devices' international standard and to improve the product quality of domestic medical devices. The responsibility of registration and approval of a part of mature, safe and controllable medical devices should

be delegated from food and drug administration to provincial food and drug regulatory authorities through adjusting product classification

23. Energy Efficiency Label: The draft new version of Administrative Measures for Energy Efficiency Labeling is calling for comments

The draft new version of Administrative Measures for Energy Efficiency Labeling is calling for comments in August. The detailed comparison can be seen in Annex_01

Comparing the draft new version and old version, there are several differences found as follows:

- The object range of energy efficiency labeling system is expanded.
- Network products are increased and the scope of supervision is expanded.
- Basic contents of energy efficiency labeling are added.
- Support has been given to products that are leaders in energy efficiency (thereafter as Top Runners).
- Special checks and supervision and inspection departments are specified.
- Fines and punishment methods have increased and punishment has been intensified.
- Punishment measures for counterfeiting energy efficiency labeling are added. The new measure provides if the third party inspection agencies or the enterprise's own testing department forge test results or produce false energy efficiency testing report in the tasting of energy efficiency, punishment shall be imposed by local quality supervision departments at all levels and the authorized agency shall not adopt its testing results within a year.

24. CCC: CNCA released the Comparison Table for CCC Catalogue and 2015 HS Code

CNCA released the Comparison Table for CCC Catalogue and 2015 HS Code. It shall be only taken as a reference to determine whether a product is in the scope of CCC catalogue. Specific description and determination of CCC catalogue shall be subject to CNCA's Notice on the Release of Mandatory Product Certification Directory Description and Definition Table (CNCA, 2014 No.45).

SESEC Team can offer *Comparison Table for CCC Catalogue and 2015 HS Code* if requested.

25. CCC: CNCA published a notice on further promoting the voluntary certification of parts and components recognized by compulsory certification of whole machine

All designated compulsory product certification bodies should establish and improve the management mechanism of parts, components and raw materials, clearly define the scope of parts, components and raw materials that can be voluntarily certificated by the complete machine compulsory certification and the specific technical requirements and management measures for certification body (inspection agencies), carry out certification for parts, components and raw materials within the approved certification business in a voluntary principle, encourage the formation of certification alliance among designated agencies engaged in complete machine compulsory product certification and between designated agencies engaged in complete machine compulsory product certification and parts, components and raw material certification business so as to form an effective mechanism for results recognition and adoption.

26. SAC National Standards Called for Comments in August and September 2015

- **National Standards revision: SAC called for comments on the third batch of development and revision of national standard projects in 2015, with deadlines on Oct 15, 2015.**

Comments and feedbacks on the batch of national standards are only accessible on the website of SAC.

<http://ballot.sacinfo.org.cn:8080/stdpub/index?bId=21>

- **Smart City: SAC called for comments on “Smart city – Evaluation model and evaluation index system - Part1: General framework ” and other 23 national standards in smart city area, with deadline of Sep.3, 2015**

For whole standards and contact information please refer to the link below:

http://www.sac.gov.cn/szhywb/sytz/201508/t20150820_192158.htm

- **Fire Protection: SAC called for comments on the revision and formulation plan for “Electric fire monitoring system -Part 5: Electric fire monitoring system by measuring pyrolysis particle type” and other 19 national standards, with deadline on Sep.15, 2015**

For whole standards and contact information please refer to the link below:

<http://ballot.sacinfo.org.cn:8080/stdpub/index?bId=2>

- **Electronics: MIIT called for comments on the revision and formulation plan for 18 sector standards and 16 national standards, with deadline Sep.24, 2015**

For whole standards and contact information please refer to the link below:

http://gzly.miit.gov.cn:8080/opinion/noticedetail.do?method=notice_detail_show¬iceid=1281

- **Electric Vehicle: CEC called for comments on “Conformance test for communication protocols between off-board conductive charger and battery management system for electric vehicle” and the other national standards, with a deadline of Sep. 30, 2015**

For whole standards and contact information please refer to the link below:

<http://www.cec.org.cn/d/file/biaozhunhua/yijianzhengqiu/2015-08-21/1d6f9c022d0a478bacdbcadd184aa743.pdf>

- Other standards call for **comments** in August and Sept 2015

Title of the Standards	SAC/TC/SC	IEC/ISO/TC/	Deadline
Disc-tube anti-pollution osmosis for the treatment of high concentrations sewage link	SAC TC275 SC 2	ISO TC 224	10/09/2015
Waste cracking incinerator link	SAC TC275 SC 2	ISO TC 224	10/09/2015
Intermetallic compound film high temperature dry dust collector link	SAC TC275	ISO TC 224	10/09/2015

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Information technology-representation of data elements values- notation of the format link	SAC TC28		25/09/2015
Information technology- sensor network –Part 1001: middleware: sensor network node interface link	SAC TC28		21/09/2015
Interface for sensor- based on product monitoring software integration link	SAC TC28		21/09/2015
Implementation Guide of management system for energy-requirements in electric power industry link	SAC TC20	ISO TC 180	15/10/2015
Energy management system: energy baseline and performance parameter link	SAC TC20	ISO TC 180	15/10/2015
Vertical shaft mechanical surface aerator link	SAC TC275	ISO TC 224	20/10/2015
Service specification on residential property link	SAC TC 264	ISO COPOLCO	20/10/2015
Product description in electronic commerce transaction –household products link	SAC TC 83	ISO TC 154	13/11/2015
Implementation guidelines for data center energy management system link	SAC TC20	ISO TC 180	30/10/2015
Guides for energy management system performance evaluation link	SAC/TC20	ISO TC 180	30/10/2015
Product description in electronic commerce transaction –plastics in contact with food link	SAC TC 83	ISO TC 180	13/11/2015
Classification and codes of test technical service link	SAC TC 353		30/10/2015
Classification and codes of quality technical service link	SAC TC 353		30/10/2015
Evaluation for boilers and pressure vessels link	SAC TC 262	ISO TC 11	31/12/2015

27. Notice on establishment standard committees and sub-standard committees

Scope & Title of Committee	SAC/TC/SC	IEC/ISO/TC/SC	Deadline
cards and identity recognition link	SAC TC28 SC17	ISO/IEC JTC1/SC17	21/09/2015
computer graphics and image processing and environment data representation link	SAC TC28 SC24	ISO/IEC JTC1/SC24	21/09/2015
information technology interconnection link	SAC TC28 SC25	ISO/IEC JTC1/SC25	21/09/2015
measurement, control and laboratory electronic equipment safety link	SAC TC338 SC TBD		21/09/2015

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optical material and component link	SAC TC 103 SC TBD	ISO/TC172/SC3	27/10/2015
electro-optics s link	SAC TC 103 SC TBD	ISO/TC172/SC9	27/10/2015
chemical fiber link	SAC TC TBD		
Measurement, control and laboratory electric equipment link	SAC TC 338 SC TBD	IEC/TC66	21/09/2015
Property service	SAC TC TBD		15/09/2015

Upcoming Events

❖ **Workshop on the Draft Law of the PRC on Commodity Circulation (Draft)**

Organizer: MOFCOM & BMWi

Time: 2015-10-22 | 9:00 – 17:30

Venue: MOFCOM Office, Beijing

Address: No.2 East Changan Road, Beijing

EVENT INFO

The Ministry of Commerce (Department of Treaty and Law) and German Federal Ministry for Economic Affairs and Energy (BMWi) will organize an exchange workshop on the new Commodity Circulation Law (Draft) in Beijing on 22nd October, 2015. The law covers many aspects of market supervision, trade facilitation and regulation. It aims at regulating overall domestic trade in Chinese market and therefore, it is also called Domestic Trade Law. It has been published as a draft for soliciting opinions in April 2015.

Agenda: Can be offered by SESEC if requested

❖ **Workshop on EU and China Regulatory Framework- Innovation, regulatory compliance and role of standards**

Time: 2015-11-12| 9:00 - 17:00 - 2015-11-13| 9:00 - 12:30

Venue: NOVOTEL Wangfujing

Address: No.3 Jinyu (Goldfish) Hutong, Dongcheng District, Beijing

EVENT INFO:

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In this workshop, leaders and experts from DG GROW, AQSIQ, and SAC are expected to attend the meeting. A variety of topics are to be discussed, including China and EU's view on innovation and regulation supporting growth, Regulatory compliance, innovation & role of standards for electrotechnical products covered by the LVD. GB19517 and CESIP are also included in the meeting agenda.

Agenda: Can be offered by SESEC if requested

❖ **International Technology Forum of the 17th China (Shanghai) International Industry Fair — Innovation and Standardization**

Time: 2015-11-12| 9:00 - 17:00

Venue of Event: Shanghai Jianguo Hotel, No.439 Caoxibeilu, Shnghai

Host: Shanghai Association of Standardization (part of Shanghai Institute of Standardization)

Contact: Xinqi ZHU, Rongchang WANG

Phone (fax): 54048034;

Email:000272@163.com

Agenda: Can be offered by SESEC if requested

❖ **2015 EU – China Green Design and Manufacture Standardization International Seminar**

Organizer: CNIS (China National Institute of Standardization), CEN/ CENELEC (TBD) and CCID (China Center for Information Industry Development)

Time: 2015-11-13| 9:00 - 18:00

Venue: Liang Mahe Hotel

Address: No.8 North Third Ring, Chaoyang District, Beijing

EVENT INFO

It is to encourage the exchange of the green design and manufacture technologies, experience and standards that the 2015 EU – China Green Design and Manufacture Standardization International Seminar is going to be held in Beijing.

Agenda: Can be offered by SESEC if requested

Annex List

- SESEC Bimonthly Newsletter August & Sept 2015 _ Annex 01_ Review on New Version of Administrative Measures for Energy Efficiency Labeling
- SESEC Bimonthly Newsletter August & Sept 2015 _ Annex 02_ China Echo-design Standards and The Labeling for Eco-design Product