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SESEC III
China Standardization
Bimonthly Newsletter
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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.

The following areas have been identified as sectoral project priorities by the SESEC project partners: Internet of Things (IoT) & Machine-to-Machine (M2M) communication, communication networks & services, cybersecurity & digital identity, Smart Cities (including transport, power grids & metering), electrical & electronic products, general product safety, medical devices, cosmetics, energy management & environmental protection (including eco-design & labelling, as well as environmental performance of buildings).

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. It is brief news in fields related to SESEC horizontal/vertical priorities.

In this Bimonthly Newsletter

In this Bimonthly Newsletter, some news articles were abstracted from Chinese government organizations. Some detailed translations can be downloaded from SESEC website.

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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	住房与建设部
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
OSCCA	State Cryptography Administration Office of Security Commercial Code Administration (OSCCA),	国家商用密码管理办公室

Contents

Horizontal issues

1. China Standardization Law update

The Standing Committee of the National People's Congress (NPC) reviewed the China Standardization Law (Draft for Second Reading) and released the draft calling for public comments on 5 September 2017. SESEC circulated the English translation of the draft for second reading to SESEC partners, collected the comments and submitted to NPC. Should you need the English translation, please contact SESEC team via email. The highlights in changes include the following:

It was proposed at the review meeting to exploit the full potential of enterprises and industry associations, encourage and support them to develop association standards. Supply of standards shall be increased and the necessary regulation for development of association standards shall be implemented. An enterprise may develop enterprise standards together with other enterprises.

It is also proposed that it's unnecessary to demand all enterprises to disclose their standards via a unified platform, which was not in line with the principle of removing the filing notification scheme of enterprise standards in the standardization reform. Accordingly, relevant provision was revised to: the state implements a self-declaration disclosing and monitoring supervision mechanism for association standards and enterprise standards. The state encourages to disclose association standards and enterprise standards via the public service platforms of standard information.

2. SAC/TC286 calls for comments on Association Standards Part 2: Evaluation of Good Practice

The standard specifies the basic principles for the evaluation of associations' good practice (the principle of voluntariness, fairness, openness and independence), evaluation indicators, evaluation organization, evaluation process, review and complaint etc. It is applicable for evaluation institutions to assess standardization good practice of associations. SAC/TC286 is the national standardization technical committee on standardization principles and methods.

3. International Symposium on Standards Essential Patent in Beijing

Sponsored by the International Trade and Economic Cooperation Institute of the Ministry of Commerce, the International Symposium on Standards Essential Patent was held in Beijing on 8 September 2017. The meeting attracted nearly 200 participants from the government, IP courts, SDOs, industry and universities.

Mr. Bardo Schettini Gherardini, Director of the Legal Department of CEN /CENELEC, and Mr. Christian Loyau, Director of the Legal Department of ETSI, were invited to present on the position of CEN / CENELEC, and ETSI on SEP global governance respectively. They highlighted the importance of seeking a balance between patent holders and patent implementers. Mr. David Ringle from IEEE also introduced the revised IEEE intellectual property policy and its impacts on standardization. Other speakers at the symposium include representatives from National Development and Reform Commission (NDRC), State Administration for Industry and Commerce (SAIC), National Intellectual Property Office (NIPO), Supreme Court, Beijing Intellectual Property Court China National Institute of Standardization (CNIS), China Communication Standards Association (CCSA), Qualcomm, Ericsson, Apple,

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Microsoft, Sony, Huawei, and ZTE etc. The speakers shared their views and different perspectives on the issues including FRAND principles, injunction relief, SEPs data analysis and FRAND royalty rate calculation among others.

The presentation slides of the speakers can be found on SESEC website <http://www.sesec.eu/presentations/>

4. China Standardization Forum held in Haikou

Sponsored by China Association for Standardization (SAC), co-organized by Quality and Technology Supervision of Hainan Province, the 14th China Standardization Forum was held in Haikou, Hainan Province on 12 September 2017. The theme of this forum is to fully implement the standardization strategy to advance economic and social reform and development.

More than 400 participants, including experts from domestic and international standardization organizations and representatives from industries, participated in the meeting. Madam. Yu Xinli, vice administrator of SAC made an interpretation on the revision of the Standardization Law, highlighting the breakthroughs of the revision, i.e. the construction of the system of standardization trial and demonstration, as well as the strengthening of supervision on standardization.

Dr. Betty Xu, the director of Seconded European Standardization Expert in China(SESEC), made a keynote speech on how European standards promote global trade at the forum. It gave audiences a new perspective for the development of standardization. The main contents in the speech included the introduction of European Standardization system, the basis of European standards and regulations, and how European standards support international trade etc.

Cybersecurity & Digital Identity

5. TC260: Call for Comments on Standards for Critical Information Infrastructure Protection, Cross-Border Data Transfer and Network Product and Service Security

On 30 August, the National Information Security Standardization Committee (TC260) issued a public consultation on 6 information security technology standards (drafts for comments) concerning critical information infrastructure protection, cross-border data transfer and network product and service security.

(1) Information security technology – Guide to Security Inspection and Evaluation of Critical Information Infrastructure (Draft for Comments)

(2) Information Security Technology--Guidelines for Data Cross-Border Transfer Security Assessment (Draft for Comments)

(3) Information Security Technology-Indicator System of Critical Information Infrastructure Security Assurance (Draft for Comments)

(4) Information Security Technology-General Security Requirements of Network Products and Services (Draft for Comments)

(5) Information Security Technology-Evaluation Criteria for ICS products security (Draft for Comments)

(6) Information Technology-Security Techniques-Anonymous Entity Authentication-Part4-Mechanisms Based on Weak Secrets (Draft for Comments)

6. MIIT releases Management Method on Evaluating Protection Capacity of Information Security in Industry Control System

The method took effect since 1st Sep 2017 and regulates the evaluation of information security protection capacity of industrial control systems of enterprises. The capacity evaluation refers to a comprehensive evaluation of information security protection capacity in each and every phase throughout the life circle of industrial control systems such as the stage of planning, designing, construction, operation and maintenance etc.

7. Sino-Germany Information Security Conformity Assessment Workshop

Supported by Certification and Accreditation Administration of China (CNCA) and Federal Ministry of Economics and Technology (BMWi), Sino-Germany Information Security Conformity Assessment Workshop was held on 11 September in Beijing, attracting more than 200 participants from CNCA, Germany Embassy in Beijing, testing and certification bodies as well as industry. This is the first workshop between Germany and China in the field of conformity assessment of information security. CNCA and BMWi signed Sino-Germany Cooperation Arrangement on Certification and Accreditation, and cybersecurity is one of the priority areas.

At the workshop, China Information Security Certification Center (ISCCC) presented on China's Information Security Certification System of IT Products as well as Development and Prospect of China's Information Security Certification Scheme; China National Accreditation Service for Conformity Assessment (CNAS) delivered presentation on China Accreditation System & Accreditation Requirements of Testing and Certification Bodies in the field of Information Security; and China Electronics Standardization Institute (CESI) gave an introduction to Key Standards for Information Security of Industrial Control System.

The presentation slides can be found available on SESEC website <http://www.sesec.eu/presentations/>

8. Chinese cybersecurity legislation system table

Since the National People's congress passed the Cybersecurity Law last November, a series of regulations and standards were successively developed to support its implementation, and a complete legislation system has gradually come into being. To help stakeholders have a better understanding of the whole system, please find in Annex I a table of relevant regulations and standards used to support the corresponding articles in the Cybersecurity Law.

Communication networks & services

9. MIIT calls for comments on Regulations for Radio Frequency Spectrum Allocation(revision)

The regulation aims to achieve efficient and effective use of radio frequency spectrum resources, to ensure normal operation of radio services and to prevent interferences among various radio services, radio stations and systems. The regulation shall be complied with when developing, manufacturing, importing, distributing, putting on trial and using all radio equipment in China. The regulation includes three parts: terms and definition, technical features of radio station, and allocation of radio frequency.

10. Administrative approvals concerning commercial encryption removed by State Council

On 29 September, the State Council issued its Decision on Removing a Batch of Administrative Approval Items, among which four items concerning commercial encryption:

Approval for Production of Commercial Encryption Products

Permit for Sales of Commercial Encryption Products

Approval for Foreign-invested Enterprises to Use Foreign Manufactured Encryption Products

Approval for Foreign Organisations and Individuals to Use Encryption Products or Devices Containing Encryption Technology in China

According to the Decision, upon removal of these items, the regulatory focus will be shifted from enterprises to products. The State Encryption Management Bureau (SEMB) will significantly enhance in- and post-market supervision efforts, in particular by prohibiting products without approval from being sold on the market.

Smart Topics

11. Industrial Internet Maturity Evaluation White Paper (1.0 version) was released by AII

Alliance of Industrial Internet (AII) recently released Industrial Internet Maturity Evaluation White paper (1.0 version). The white paper aims at providing an evaluation methodology for enterprises to identify key problems in implementing industrial internet, and offering solution to improve. The white paper summarizes 11 and 10 critical abilities for discrete and process manufacturing enterprise respectively and designs a set of relatively complete evaluation model and evaluation indicators.

Supported by MIIT, China Academy of Information and Communications Technology (CAICT) established the Alliance of Industrial Internet with joint efforts of the industrial sectors to accelerate the development of industrial Internet; to gather the industrial power at home and abroad; to establish a public platform for collaborated improvement in administration, industry, academy, research and application; to conduct joint researches; and to facilitate application of industrial Internet.

12. AII releases a standard: Industrial internet platform- General requirements

Alliance of Industrial Internet (AII) released a standard which specifies the location and reference architecture of industrial internet platform; lays down requirements for edge connection, cloud infrastructure, basic platform ability, security and reliability, operation and maintenance management as well as performance etc. It is applicable for research and development, establishment and deployment of industrial internet platform.

13. Call for Comments on the Guide on Construction of National Standardization System for Internet of Vehicle

MIIT and SAC jointly led the development of the Guide on Construction of National Standardization System for Internet of Vehicle. On 25 September, the drafts of the three parts of this serial standard general requirements, information communication, electronic products and service were released for public comments. Should you need the English translation of the draft for comments, please contact SESEC team via email.

Energy management & Environmental protection (EPBD, Eco-Design & labelling)

14. Water efficiency labelling scheme released

NDRC, the Ministry of Water Resources and AQSIQ jointly developed and issued the Administrative Measures for Water Efficiency Labelling on 14 September 2017. Affixed to the water-consuming products, water efficiency labelling indicates the performance such as water efficiency level and water consumption of a product. The performance indicators are determined after testing against relevant mandatory national standards for water efficiency. According to the Administrative Measures, the water efficiency scheme consists of manufacturer self-declaration, filing notification of labelling and market supervision and surveillance.

Electrical & electronic products

15. CEC calls for comments on a sectorial standard: Specifications for interface equipment of distributed PV generation system connected to power grid

The standard specifies the basic requirement for interface equipment of distributed PV generation system connected to power grid, environment and conditions, test method and test rules etc. It is applicable for the distributed PV generation system under 400V, which is directly connected to power grid interface, serving as the evidence for design, manufacturing and test verification for equipment.

16. CEC calls for comments on the establishment of 4 CEC/TCs

CEC plans to establish 4 CEC standardization technical committees and is calling for comments on it. The 4 CEC/TCs include Energy Internet, Remote Sensing Measuring in Transmission and Distribution Projects, Electric Power Replacement and Fuel Management in Thermal Electric-generation Enterprises.

17. SESEC RoHS Workshop

On September 14, 2017, SESEC organized a workshop on China RoHS II conformity assessment model in Beijing. Relevant Chinese regulators including MIIT, CNCA, as well as three supporting government think tanks affiliated to MIIT were invited to attend the meeting and gave an update on the current status of China RoHS II conformity assessment model. On the European side, representatives of ZVEI gave an introduction to EU RoHS II regulation and elaborated on transition of the harmonized standard EN 50581 into company business process. At the meeting, SESEC was advised a national standard is currently under development, which would possibly be referenced in regulation to guide enterprises to effectively carry out the self-evaluation and self-declaration of conformity. SESEC circulated the standard draft to stakeholders for comments. Should you need the English translation of this standard, please contact SESEC team via email.

Cosmetics

18. Requirements of Restricting Excessive Package — Foods and Cosmetics calls for comments

China Packaging Federation called for comments on “Requirements of Restricting Excessive Package — Foods and Cosmetics” on 6 September. This national standard specifies the requirements, inspection rules, and the calculation method of limit indicators for restricting

excessive package of food and cosmetics. This standard is applicable to the supervision and administration for the excessive package of food and cosmetics.

19. CFDA approves two more animal testing methods

On 24 Aug 2017 CFDA approved two more testing methods for cosmetics —— In Vitro Skin Corrosion: Transcutaneous Electrical Resistance Test (TER) and Skin Photoallergy Test.

Medical Devices

20. CFDA releases new Medical Devices Classification Catalogue

CFDA released the new Medical Devices Classification Catalogue on 31 August 2017, which will come into force on 1st August 2018. The number of sub catalogues are almost halved from 43 to 22. Compared with the old catalogue in 2002, the sub catalogues (level I category) are further broken down into level II and level III product categories with product description and intended use, in addition to example of product name and classification. Products with registration approved prior to 1 August 2018 would be licensed according to the 2002 version of catalogue, while starting from 1 August 2018, registration and approval will be according to the new catalogue. License for products with registration previously approved would be valid until renewal, which will follow the new catalogue.

21. Medical Devices Market in China

In recent years, China's medical device industry has increased significantly. To bring our stakeholders closer to medical device regulation and registration in China, SESEC team is pleased to present you the special report on Medical Device Market in China, written by Gabriel Ionut Zlamparet, PhD Candidate from Tsinghua University. Please find the document in Annex II.