

PCS Quarterly Newsletter

June 2016



Dear Customers,

Please find enclosed our latest edition of PCS Newsletter with all activity that has taken place over the last three months.

EMEA Region

UAE—Q02 2016

The Telecommunications Regulatory Authority has introduced some amendments to the sample and testing requirements for products, in the UAE. It

has been advised that henceforth 2 (two) samples will only need to be provided for devices that contain a SIM card; only 1 (one) as-sold sample will be required for all other devices. The product must additionally be delivered in its original box/packaging along with a charger.



Saudi Arabia—Apr 2016

1. It has been advised by the Communications and Information Technology Commission CITC of Saudi Arabia that as of 10th April 2016, all Type Approval certificates will have a validity period of 2 (two) years instead of 1 (one).

2. The Saudi Arabian CITC have announced that provision of the EU Declaration of Conformity is no longer sufficient for new Type Approval applications. Going forward, it is mandatory to provide a Declaration of Conformity from a test lab accredited by the International Laboratory Accreditation Cooperation (ILAC) that the equipment for which Type Approval is being sought conforms to the international standards approved by the Communications and Information Technology Commission (CITC).

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EU

As of 13th June 2016, the Radio Equipment Directive 2014/53/EU (RED) is in force. For 1 year until June 13th 2017 manufacturers of radio devices may follow R&TTE 99/5/EC or RED 2014/53/EU.

EU

Despite the UK's recent vote to leave the European Union, the process for the UK's departure from the Union has not started yet and there will be no changes from a regulatory perspective for the foreseeable future.

CE marking is still acceptable for the UK and certificates issued by British Notified Bodies continue to be valid.

Qatar – Jun 2016

The Communications Regulatory Authority (CRA) in Qatar announced its plans to integrate the International Telecommunication Union's (ITU's) World Radio-Communication Conference recommendations into the country's national regulatory framework. It is expected that implementation of the select recommendations will be finalised by 2017.



Eurasian Customs Union – Jun 2016

A public consultation on amendments to Customs Union EMC and Safety Technical Regulations is currently ongoing

The Eurasian Economic Commission has published proposal for amendments to Technical Regulations of Customs Union on "Electromagnetic compatibility of technical equipment" (TR TC 020/2011) and "On safety of low-voltage equipment" (TR CU 004/2011) on 27th April 2016. These are open for public consultation until 29th of July 2016.

Djibouti—Q02 2016

Further to the update included in PCS' December 2015 edition of the Newsletter, the Type Approval procedure in Djibouti still remains to be Implemented. An official expected completion date is still unknown, PCS will continue to closely track any updates with the Authority and provide updates accordingly.



South Africa ICASA —Q02 2016

Following the fire at the Independent Communications Authority of South Africa's Head Office on 30th May 2016, it has been confirmed that full service has resumed and the licensing/Type Approval department is functioning as per usual.



South Africa SABS —Q02 2016

PCS has received official confirmation that the SABS (South African Bureau of Standards) EMC/EMI Approval scheme in South Africa is set to resume very shortly. Following the previous suspension of the service, we understand that the procedure is set to be considerably more stringent with manufacturers now having to provide details of the manufacturing process of the product to be Approved as well as evidence of the original testing. PCS will continue to maintain contact with the Regulator and provide an update when the service has fully recommenced.

Niger—Q02 2016

Further to PCS' previous update regarding the reinstatement of the Type Approval procedure in Niger, it has been advised that implementation of the internal procedure at L'Autorité de Régulation des Télécommunications et de la Poste (ARTP) remains pending. There is currently no estimated date for when this will be completed; PCS will continue to maintain regular contact with the Authority and provide updates accordingly.



Namibia

It has been confirmed that as of June 2016, a notarised Declaration of Conformity will no longer be a requirement for manufacturers who have already obtained Approval for a previous product in Namibia.

Zimbabwe

Zimbabwe are to set to publish an updated National Frequency Allocation Plan over the coming months. PCS will closely monitor this to be aware of any potential implications to Type Approval efforts in this country.



PCS News

Following the introduction of the India BIS Safety requirements in 2012, PCS has had extensive exposure to all aspects of this complex scheme.

Having collectively spent over 3 months in India to attend key BIS meetings with BIS officials and accredited laboratories, and successfully obtaining over 150 India BIS Approval certificates in 2015 alone, PCS really is a true expert in this field.

For full details on our India BIS solution and what we can offer you, please visit our website <http://www.productcompliancespecialists.eu/news.aspx?id=1477>

APAC Region

Papua New Guinea – Apr 2016

ICT technical standards & specifications released and under public consultation in Papua New Guinea. The public consultation process has been ongoing since January 15, 2016 and is still in process. The completion date is still unknown.



Hong Kong - May 2016

OFCA has issued the Amendment of the HKCA 1035 (PERFORMANCE SPECIFICATION FOR RADIO EQUIPMENT EXEMPTED FROM LICENSING), which removed the frequency band 1895 – 1906.1 MHz for PHS and the associated reference to HKCA 1027 specification.

China – Q02 2016

China Unicom will extend their permit to use WCDMA Band 8 however the exact length is still to be confirmed. Previously the Authority MIIT (Ministry of Industry and Information Technology) has permitted China Unicom to use this band from 1 October 2015 to 1 October 2016 as one-year trial.



Taiwan BSMI—Q02 2016

From 1st September 2016, new labelling requirement will come into effect for certain information, communication and consumer electronic products with screen display (e.g. TV, monitors, etc). The new labelling requires product to include

warning messages such as “使用過度恐傷害力” (excessive usage might damage the eyesight).



Taiwan NCC– Apr 2016

On 20th April 2016, NCC (National Communications Commission) updated their LP0002 draft Technical Regulation for Low-power Radio-frequency devices, which changed the permitted frequency for several product categories, including devices supporting 60GHz, Wireless microphone and headsets, Unlicensed National Information Infrastructure, Medical Devices Radio-Communications Service, Short Range Radars, Tank Level Probing Radars and UWB Devices.

Vietnam – Apr 2016



1. The Ministry of Information and Communications (MIC) in Vietnam have released the National Technical Regulation QCVN 101:2016/TTBTTT on lithium batteries. These regulations are based on IEC 61960 (06-2011) and IEC 62133 (2012) standards. The exact date of implementation is still to be confirmed.

2. On 28th of April 2016, MIC announced their decision to grant licenses for network operators to provide pilot 4G broadband services in either Q03 or Q04 of this year. Network operators will be allowed to use 1800 MHz frequency band for 4G services too, whereas as previously it was used for 2G only.

The Ministry of Information and Communications (MIC) in Vietnam has announced that from 1st of June 2016, voluntary Approval for devices operating on either 2.4GHz or 5GHz bands, with an output power of <60mW, will no longer be granted. A formal Letter of No Action (LoNA) will be granted instead.

3. Recently PCS have been informed that if any of the national standards in Vietnam are updated, all of the existing certificates must be updated to include these new standards should manufacturers wish to ship new consignment to the country. Import License won't be granted unless updated certificate is provided. If manufacturer do not have any new consignments to ship after new standards are introduced, then there is no need to update the Type Approval as it will be updated automatically during the renewal.

Grace period for accepting certificates with old standards is set by the Authority after new standard is introduced, but it is disclosed to local importers verbally only, leaving no time for manufacturers to get certificate proactively. PCS are looking into a solution for tracking new standards introduced by the Authority closely to ensure transition periods are communicated by the Authority or importers in a timely manner going forward.



South Korea

From 1st January 2017 all secondary Lithium-ion type batteries installed in portable devices regardless of Energy Density value (Wh/L) require Safety Approval.

Prior to this regulation taking effect, batteries with an Energy Density greater than 400Wh/L only would require testing and approval.



India BIS

From 1st of June 2016, all Sealed Secondary Cells Batteries containing Alkaline or other non-acid Electrolytes for use in portable applications must be approved to Indian standard IS 16046: 2012.

We are hearing rumours that the Battery Update from IS 16046:2012 to IS 16046:2015 may be extended from the 16th of August 2016 to 31st March 2017. This however has not been officially confirmed by the Authority.

Indonesia

1. The Authority SDPPI are now mandating that all devices with a menu screen which include the model number designator **MUST** match the model number to be approved. SDPPI will not accept the model number shown on the product regulatory label as an alternative if the model number is included in the menu screen. If the model number is **NOT** included on any menu screen however, the SDPPI will revert back to the label.



2. The Authority SDPPI will now require purely conformance samples only and there will be no need to provide end-user software which is configurable to the Indonesian WLAN bands samples. PCS is currently trialling a project in Indonesia right now, and once that is successful, we will put out a regulatory update to confirm this new development.

3. Authority SDPPI has confirmed to PCS that the TKDN rules regarding local content for LTE equipped devices – NO exemption for industrial / enterprise products. PCS currently do not support TKDN approval. Unless the manufacturer can handle the TKDN approval before proceeding the type approval, then the LTE bands must be disabled.



Pakistan —Apr 2016

The Pakistan Telecommunications Authority (PTA) has announced changes to both the 2.4 and 5.8GHz ISM frequency bands, with the former now fully open for use in the country. The permitted output power for the 5.8GHZ band has been increased from 20dBm to 30dBm.

Americas and LATAM Region

Mexico – Apr/May 2016

Mexican emergency standard NOM-EM-016-SCFI-2015, which applies to all devices operating on the frequency bands 2400-2483.5MHz, 5725-5850MHz and 902-928MHz, has been extended for a further 6 months and will now expire on 20th October 2016.



Renewals can still be filed under the previous NOM-121-SCT1-2009 and once the definitive 5 year standard is issued, any Approvals obtained under NOM-EM-016-SCFI-2015 will remain valid and import/sale will be able to continue without the need for re-certification.

The draft replacement for the NOM-EM-016-SCFI-2015 – PROY-NOM-208-SCFI-2016 – was released for public consultation in May 2016. Discussions will continue regarding any possible amendments and the eventual publication of the new regulation before 19th October 2016.

Mexico – May 2016

The draft replacement for the NOM-016-SCFI-1993 and NOM-019-SCFI-1998 safety regulations - PROY-NOM-019-SCFI-2016 - has been released for public consultation and will be implemented at some point in 2016.

Discussions will continue regarding any possible amendments and the eventual publication of the new regulation. No information has been released thus far regarding the impact to cost, lead-time and process. Until the PROY-NOM-019-SCFI-2016 is officially published, the NOM-016-SCFI-1993 and NOM-019-SCFI-1998 standards will remain valid and in force.

Mexico – Jun 2016

Mexican Safety body, *Normalización y Certificación Electrónica A.C* (NYCE), has advised that devices classified as 'Highly Specialized Equipment' (*Equipo Altamente Especializado*) can qualify for permanent NOM Safety approval upon the first renewal.

The devices included in the scope of 'Highly Specialized Equipment' are listed in section 1.2 of the regulation NOM-019-SCFI-1998. NYCE have confirmed that devices can only be classified as 'Highly Specialized Equipment' if they comply with both of the following rules:

- They are not marketed to the general public.
- They comply with any of options a) to h) listed in section 1.2

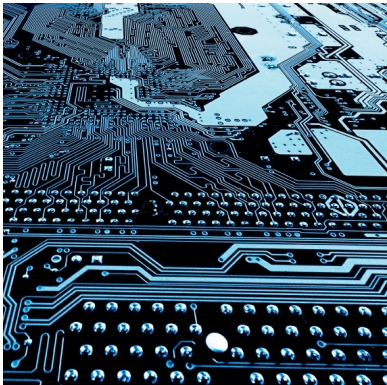


PCS News

As well as an excellent reputation in the consumer and enterprise fields of the ICT industry, PCS also has wealth of experience in international certification for automotive RF devices.

From car stereos to keyless entry systems, immobilizers to vehicle tracking devices, PCS can support your international certification requirements. Our engineers are constantly monitoring new developments in the dynamic vehicle telematics space and are committed to ensuring that PCS are a robust and reliable resource for our automotive clients.

For a full list of vehicle telematics that we support, please visit our website <http://www.productcompliancespecialists.eu/news.aspx?id=1476>



Americas and LATAM Region

Colombia - April 2016



The Colombian National Spectrum Agency, *Agencia Nacional de Espectro (ANE)* has recently confirmed that a resolution is being prepared to restrict the 900MHz band in Colombia from 902-928MHz to 915-928MHz due to interference caused to mobile phone services in Colombia. The timeframe for the formal implementation of the restriction is currently unknown.

All new Type Approvals in Colombia, particularly in the case of UHF RFID devices operating within the 902-928MHz frequency band, will have to comply with the new frequency band restriction (915-928MHz). PCS is seeking clarification on whether products already Type Approved in the Colombian market and operating in the 902-928MHz band will be affected by this change.

Chile – May 2016

The Chilean Regulator, *Subsecretaría de Telecomunicaciones (SUBTEL)*, have advised that 700MHz (band 28) is now permitted for 4G LTE as of 18th May 2016. The Chilean licensed network providers for 700MHz LTE are Movistar (Telefónica), Entel and Claro. There are no changes to the Type Approval requirements, and cellular-only devices still do not require Type Approval from SUBTEL.



Chile – Jun 2016

The Chilean Regulator, *Subsecretaría de Telecomunicaciones (SUBTEL)*, released Resolución 1463 on 13th June 2016, which declares that new labelling requirements for cell-phone devices will be implemented within 270 days of its publication. It is expected that the Regulation will come into force at some point in 2017.

Upon the implementation of the new regulation, devices containing 2G, 3G or 4G technology will be required to display a multi-band stamp on the front of the box/packaging of the device, in order to show the cellular technologies supported. This requirement will affect all cellular devices (whether already approved or new). Cellular-only devices still do not require Type Approval in Chile, however Type Approval is required if the device contains other technologies such as Bluetooth, WLAN and RFID in addition.

Upon implementation of this Regulation, PCS also understands that it will be mandatory for cell-phone devices to operate in all permitted frequency bands of at least one cellular technology (2G, 3G or 4G) supported. Further meetings are to take place within SUBTEL.

PCS News

As a result of our continued efforts to improve costs and lead-times throughout our global TA solution; we are pleased to announce the following developments this quarter:

Price reductions for:

China SRRC,
Customs Union
Russia
South Africa ICASA

Lead time reductions for:

Angola
Armenia
Australia/New Zealand,
Cambodia
Cameroon
China SRRC,
Côte d'Ivoire
Dominica
Fiji
Grenada
Honduras
India WPC
Kenya
Kiribati
Mauritania
Mozambique
Nepal
Pakistan
Papua New Guinea
Philippines
Russia
Samoa
Senegal,
Swaziland
Taiwan BSMI



Ecuador - May 2016

At the end of February 2016, the Ecuador Regulator, *Agencia de Regulación y Control de las Telecomunicaciones* (ARCOTEL) released Resolución 03-02-ARCOTEL-2016, in which changes to the Ecuadorian National Frequency Allocation Plan have been published.

In the updated National Frequency Allocation Plan, ARCOTEL have allocated 57-64GHz for WLAN 802.11ad devices. As such, Type Approval applications can now be filed for devices supporting this technology.

Paraguay – Jun 2016

The Paraguayan Regulator, *Comisión Nacional de Telecomunicaciones* (CONATEL) has advised on its official website that a public consultation is underway concerning the allocation of additional bands for 4G LTE.



Currently, the bands permitted for 4G LTE are 1900MHz (band 2) and 1700/2100MHz (band 4). The Paraguayan licensed network provider for 1900MHz (band 2) is Personal and the licensed network providers for 1700/2100MHz (band 4) are Vox and Tigo. For the latter band, it has been confirmed to PCS that the network provider Claro is due to begin service provision shortly, however an official date has yet to be confirmed.

The public consultation centres on the allocation of 700MHz (band 28) and 2600MHz (band 7) for 4G LTE services in Paraguay. 700MHz (band 28) remains under the analysis of CONATEL and could be approved either in late 2016 / early 2017, however a confirmed timeframe has yet to be established. For 2600MHz (band 7), PCS understands that this band is permitted but is currently on standby at CONATEL. For both 700MHz (band 28) and 2600MHz (band 7), the future licensed network providers have yet to be confirmed.



Argentina

The Argentine Regulator *Ente Nacional de Comunicaciones* (ENACOM) has confirmed that 700MHz (band 28) will soon be permitted for LTE devices. Currently, the minimum requirement for obtaining approval of LTE devices in Argentina is operation on 1700/2100MHz (band 4).

PCS is confirming whether it will be mandatory or optional for LTE devices to also operate on 700MHz (band 28) in the future.



PCS News

Vacancy

We have a vacancy for a Junior Project Coordinator in our Shanghai office.

For more details and to apply, please contact Cecilia Ma—
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Thank you for taking the time to read these articles. Please feel free to contact your account manager at PCS if you have any questions.

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