

PCS Quarterly Newsletter

December 2015



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

Ukraine—Q04 2015



A new Law on the *technical regulations and conformity assessment* was introduced by the Ukrainian Cabinet of Ministers, which will come into effect on 10th February 2016.

The purpose of this Law is to consolidate the provision of currently overlapping laws regarding *Confirmation of Conformity* and *Standards, Technical Regulations and Conformity Assessment Procedures*. PCS are yet to assess full impact of this newly introduced law and we will send a further update if any important changes affecting manufacturers will be found.

In addition to the above, the Ukrainian Cabinet of Ministers, has Introduced revised technical regulations on *electromagnetic compatibility and low-voltage equipment*, which will come into effect on 20th April 2016.

Revised regulations are designed to adopt the new EC directive on *harmonising rights of EU Member States* in regards to electromagnetic compatibility and is aimed to harmonize Ukrainian legislation with European standards. PCS are monitoring the implementation of these revised regulations very closely and will update on any important developments and impact as soon as more information becomes available.

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And more!



PCS News

Egypt

It has been advised that upon payment of the relevant Type Approval fees, manufacturers can begin importation of their products prior to release of the official Type Approval certificate. Importers must ensure that a valid importation permit issued by the National Telecommunication Regulatory Authority (NTRA) is also in place.

Iraq

We are pleased to inform that we have established a much improved solution for Type Approval applications in Iraq, thus reducing costs and lead-time.

Please speak to your PCS account manager for more details!

Armenia—October 2015

Following Armenia's entry into the Eurasian Economic Union on 1st January 2015, it has been advised that adoption and harmonization to Customs Union Technical Regulations on EMC and Safety will come into effect on 2nd January 2016.



From 2nd January 2016 it will be no longer possible to obtain National Level Approval in Armenia for non RF products, and Approvals to the Customs Union scheme must be obtained instead.

For all existing Approvals, there will be a transition period of two years whereby any existing certificates will remain valid until 2nd January 2018 or until their expiry, whichever is sooner.

For all RF products, National Level Approval will still be required until further notice. It is believed that, for now, National Level Approval will cover all RF, EMC and Safety requirements. Separate Customs Union Approval may be required in addition on a case-by-case basis.

PCS will continue to investigate full impact on RF products with Regulators, but at the moment it is expected that requirement for National Approvals will remain in place due to significant discrepancies in radio frequency distribution in Armenia compared to other Customs Union Member States. This information is expected to be validated shortly after the transition period begins.

UAE—Q04 2015

The UAE Telecommunications Regulatory Authority (TRA) has issued a public consultation advising of proposed changes to the spectrum regulations related to the authorisation of Short Range Devices in the country. It has been proposed that Cordless Telephony applications, as well as WLAN and RLAN applications, will now be included in the SRD regulation. Ultra-Wideband applications will additionally feature within this updated regulation, which is due to be published in early 2016. PCS will closely monitor this situation and update customers accordingly.



South Africa — Dec 2015



Further to updates included in the June edition of our Newsletter, it has been confirmed that all EMC/EMI Approval applications remain on hold pending discussions between the South African Bureau of Standards (SABS) and the Independent Communications Authority of South Africa (ICASA) regarding responsibility of this certification. It is

expected that a decision will be reached in January 2016. PCS will continue to closely monitor this situation and provide customers with updates accordingly.

In an attempt to improve the RF certification service and overcome the heavy workload experienced at the Authority, there are discussions on the possibility that ICASA will implement an online Type Approval system. PCS will maintain regular contact to obtain an estimated date of its implementation and inform customers once formal feedback is received.

Djibouti — Q04 2015



Following a postponement of over 2 years due to changes relating to the Frequency Allocation, the Type Approval procedure in Djibouti is expected to be re-implemented during the first half of 2016. PCS will remain in contact with the Authority to obtain further details of any changes to the previous Approval requirements and procedures, and will

provide updates accordingly.

Namibia — Dec 2015



It has been advised that as of 9th December 2015, renewal applications can now be submitted to the Namibian Authority (CRAN). Similarly to the current original Type Approvals that are issued, the renewed certificates will also be valid for a period of 3 years.



PCS News

South Africa

PCS Project Manager, Ilona Bormane, visited both regulators NRCS and ICASA during November to develop relationships and have a first hand view on the full Approval process.

These meetings produced a very positive outcome, and PCS team will continue to monitor the progress and lead time to Approval in this key country.



PCS News

Vietnam

From 1 December 2015, QCVN47/2011 will be replaced by a new version QCVN47/2015. QCVN47 covers “National technical regulation on radio spectrum and radiation of Radio Telecommunications Equipment”.

This update has come about following the changes to relevant ITU regulations. QCVN47/2011 is based on ITU (2008) while QCVN47/2015 is the based on ITU (2012).

There is no impact from a Type Approval perspective.

South Korea

IT standard (KN 22/KN 24) and AV standard (KN 13 /KN 20) will be replaced by the new Multimedia standard (KN 32/KN 35) from Jan 1, 2016.

Please speak to your PCS account manager for details!

APAC Region

India BIS— November 2015

On 30th November 2015, Department of Electronics and Information Technology (Deity) in India has issued an extension notification stating that the below product categories now have until 1st March 2016 or 1st June 2016 to register with BIS:



1. UPS / Invertors of rating < 5KVA – 1st March 2016
2. Sealed Secondary Cells / Batteries containing Alkaline or other non-acid Electrolytes for use in portable applications – 1st June 2016
3. Fixed General Purpose LED Luminaries – 1st March 2016

India BIS— December 2015

On 1st December 2015, the Bureau of Indian Standards (BIS) in India issued gazette notification S.O. 3240(E) whereby a new label option, the Standard Mark, for registered devices was introduced in order to simplify the labelling requirements.

Manufacturers have the option of applying either of the below labels to their BIS registered devices:

- a) The current self declaration statement - “Self Declaration - Conforming to IS XXXXX, R-XXXXXXX”
- b) The newly-introduced Standard Mark

India WPC— September 2015

On the 16th September 2015 the Ministry Of Communications And Information Technology announced in the Gazette of India under G.S.R. 696(E), G.S.R. 698(E), G.S.R. 697(E) and G.S.R. 699(E) that the 36 to 38 MHz, 433 to 434.79MHz, 302 to 351 kHz, 76 to 77 GHz are now de-licensed bands in India.

Equipment operating in the above frequency bands can now be Type Approved in India and no licence shall be required by any person to establish, maintain, work, possess or deal in any of the wireless equipment listed.

China— October 2015



On 1st October 2015, network operator, China Unicom, were permitted by the Ministry of Industry and Information Technology of the People's Republic China (MIIT) to carry out a network experiment on WCDMA band 8 and whereby this band is now temporarily open for use. This agreement was reconfirmed on 19th November 2015, with a validity period until 1st October 2016.

During this period, manufacturers are able to obtain Approval for devices operating on band WCDMA band 8, per the below details:

- 909-915MHz(Uplink frequency)
- 954-960MHz(Downlink frequency)

In the case that the permission for WCDMA band 8 is not renewed, however, manufacturers would be obliged to re-apply for Type Approval and whereby re-testing would be needed.

PCS will continue to monitor developments closely and keep customer updated once renewal usage is confirmed in October next year.

Indonesia — December 2015



The Direktorat Jenderal Sumber Daya dan Perangkat Pos dan Informatika (SDPPI HQ) has announced that due to high volumes of Type Approval applications, from 01st of December 2015 until 31st of December 2015, the certification effort at SDPPI for all product types can be processed leveraging EU and FCC RF test results. Provision of samples for local testing will not be necessary to obtain Type Approval.

The standard Type Approval procedure, involving local testing in Indonesia, is due to resume in January 2016.



PCS News

Papua New Guinea

The National Information & Communications Technology Authority (NICTA) has published Regulation TA100 G which details new equipment registration and Type Approval framework schemes for regulating ICT equipment for sale and use in Papua New Guinea, which are effective from 1st December 2015. Devices approved prior to this date are not affected.

The approval schemes are divided into two categories - Basic Approval Scheme (BAPS) and Equipment Registration Scheme (ERS). Certificates issued under the new scheme are valid permanently.

New labelling requirement also applies.



PCS News

Colombia

The Colombian Authority, *Comisión de Regulación de Comunicaciones (CRC)* have confirmed that WWAN modules with voice function fall under the category of “Mobile Terminal Equipment” and therefore require Type Approval. Nevertheless, WWAN host devices with voice function would require separate Type Approval at the CRC, even if the WWAN module installed within has already obtained Approval.

Argentina

The Argentine Regulator, *Autoridad Federal de Tecnologías de la Información y las Comunicaciones (AFTIC)*, has confirmed in December that due to governmental changes, all applications under review in the initial review stage and also for which certificates are awaiting signature will be delayed until further notice.

Americas and LATAM Region

Mexico— October 2015

Further to PCS Newsletter in September, the emergency standard NOM-EM-016-SCFI-2015 was issued, replacing NOM-121-SCT1-2009 regulation which expired on 19th October 2015. This applies to all devices which operate in the frequency bands 2400-2483.5MHz, 5725-5850MHz and 902-928MHz.



The NOM-EM-016-SCFI-2015 is an emergency standard and is valid for 6 months, with the possibility of renewal on one occasion only with a validity period of a further 6 months. It has been advised that the final replacement for NOM-121-SCT1-2009 may be issued after this 12 month period. During this interim period, local test laboratories and Certification Bodies must also obtain accreditation to NOM-EM-016-SCFI-2015 in order to issue Test Reports and Conformity Certificates for new Approval applications.

A proposal is currently under review between the Mexican Accreditation Entity and the Authority, *Instituto Federal de Telecomunicaciones (IFT)* so that the IFT accept Conformity Certificates issued by accredited certification agencies. If this proposal is agreed, PCS have been advised there will be no changes to the certification process from the recently expired NOM-121-SCT1-2009.

Nevertheless, if the proposal is not agreed, PCS have been advised that there may be changes to the certification process and an increase in cost. The extent of these changes and the cost increase is currently unknown, however PCS will provide an update on the impact as soon as a decision on the proposal is made.

All new Type Approval applications for products operating in the 2400-2483.5MHz, 5725-5850MHz and 902-928MHz bands can be filed in accordance to the NOM-EM-016-SCFI-2015 once local test laboratories and Certification Bodies obtain their accreditation. Both entities are expected to obtain such accreditation in the near future, however a timeframe has not yet been set. For now, it will still be possible to file for approvals under the IFT-008-2015, however this does not negate the need to re-certify under the NOM-EM-016-SCFI-2015 once accreditations are obtained. It is therefore being advised to wait until accreditations to the emergency standard are in place before proceeding with submissions.

There will be no impact to any devices Approved in accordance with NOM-121-SCT1-2009 before October 19th 2015. All such Approvals will remain valid and import can continue. Furthermore, Renewal applications will still be able to be filed for Approvals issued under NOM-121-SCT1-2009.

Paraguay - November 2015



Further to PCS' Regulatory Update issued on 21st September 2015 advising that the 915-928MHz band is no longer permitted for spread spectrum devices, the Paraguayan Authority, *Comisión Nacional de Telecomunicaciones (CONATEL)*, has also advised that spread spectrum devices

cannot obtain Type Approval in the 865-868MHz band as an alternative. CONATEL is discussing the possibility of re-opening the 915-928MHz band for spread spectrum devices in the future, however a timeframe for the decision has not yet been established.

Dominican Republic - October 2015



It has recently been confirmed by the Dominican Republican Regulator, Instituto Dominicano de las Telecomunicaciones (INDOTEL) that Type Approval requirements are in place for all radio devices. Although it had previously been confirmed in 2012 that FCC Approved devices do not require Type

Approval in the Dominican Republic, INDOTEL has now advised that this is no longer the case and National level Type Approval is required.

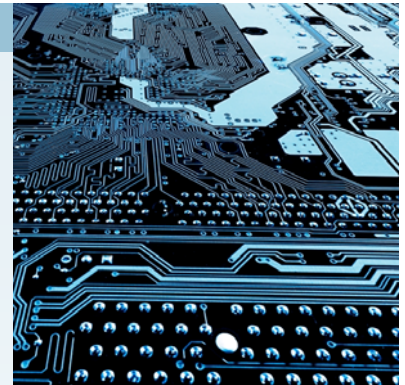
Uruguay - November 2015



Uruguayan Regulator, *Unidad Reguladora de Servicios de Comunicaciones (URSEC)*, have advised that since August 2015, LTE band 28 (700MHz) is now open. As such, this band can be listed in all new Type Approval certificates for devices which have this functionality. For new Type Approval applications for devices with LTE band 28 functionality, it will be

necessary to provide the RF report for LTE band 28 (Tx 703-748 MHz / Rx 758-803 MHz) in order to obtain Approval.

For devices already Approved but which can operate in LTE band 28, there are no mandatory requirements to re-apply for Approval.



PCS News

Ecuador

The Ecuador Regulator, *Agencia de Regulación y Control de las Telecomunicaciones (ARCOTEL)*, have advised that for future Type Approval applications, devices with 2G/3G function must operate in at least the 850MHz and 1900MHz bands and devices with 4G function must operate in at least LTE bands 2 and 4, otherwise Type Approval cannot be obtained in Ecuador.

PCS have been advised that ARCOTEL are working on a new Type Approval regulation to incorporate this requirement, however its confirmed scope and a time-frame for its issuance is currently unknown.

Brazil

ANATEL IPv6 requirements will come in to force in January 2016 and will apply to products using 3G and 4G technology. The IPv6 requirements apply to Category I equipment with the following characteristics:

- Air interface intended for mobile services defined by ANATEL
- Terminal function for 3G and 4G technologies; and
- Allow communication by IP (Internet Protocol).

For products approved prior to the IPv6 requirements coming in to force, these must be tested during the renewal (maintenance) process.



PCS News

PCS UK and Shanghai are pleased to celebrate another successful and busy year.

In preparation for next year and venturing into new emerging markets, we have launched several research tasks to ensure we're prepared for the latest technologies on the market and to continue supporting our customers with all of their Type Approval needs.

We are pleased to announce that the PCS service scope was enhanced in Q04 2015 to include international EMC and Electrical Safety Approval for a wide range of domestic and commercial use products.

Leveraging our broad experience in EMC and Safety certification of ITE products, we have expanded our knowledge and made new partnerships to facilitate our additional service coverage!

Please contact us for further details!

**Thank you for taking the time to read these articles.
The whole team at PCS wish you all a very Happy Christmas and prosperous 2016!**



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