3GPP PCG#39
Vienna, Austria,
28 September 2017
PCG39_08

MCC Activity Report

Source

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Departures and Arrivals

There have been no new departures or arrivals since PCG#38.

In accordance with the decision taken at PCG#38, a new Officer has been recruited to provide additional support to the RAN Working Groups.

The new Officer will be in post from 2 November 2017.

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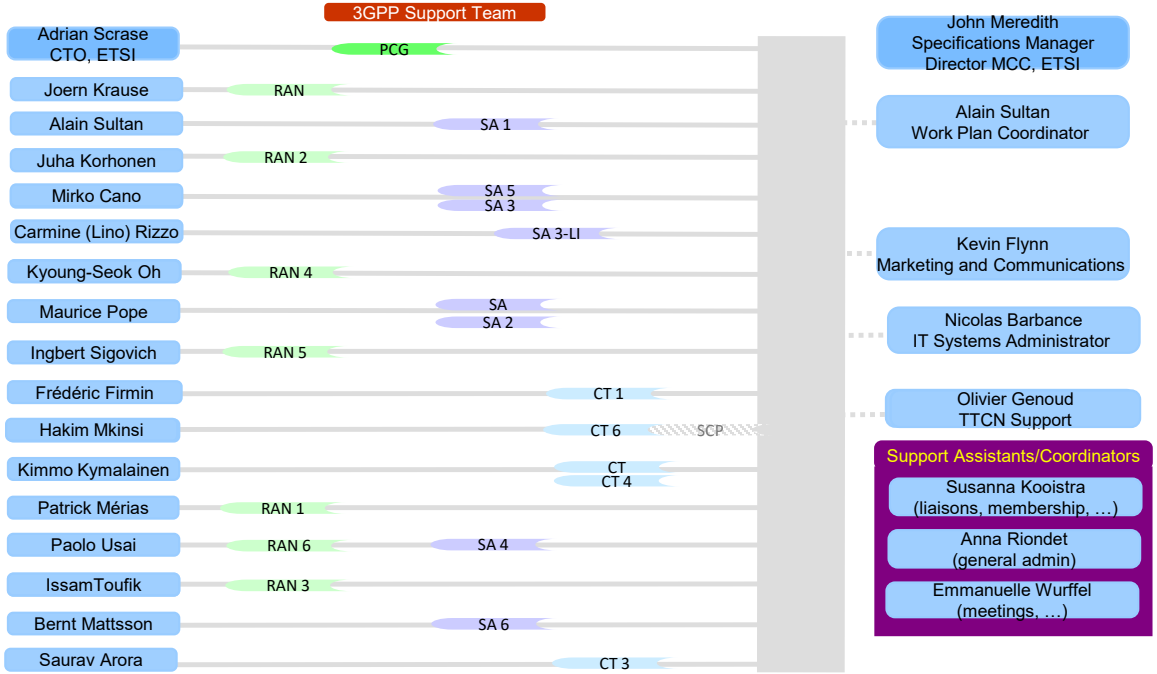
Resource Allocation



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Workload: Change Requests

Approved CRs per Release per Year

Release	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017*	Total
R99	1408	4398	2266	1004	581	512	111	42	23	5	5	1	0							**10356**
Rel-4		376	2828	1900	690	257	122	63	48	22	20	13	11	8	7	2				**6367**
Rel-5		27	644	3274	2842	2162	1357	509	94	25	22	7	7	5	3	2				**10980**
Rel-6				172	1088	2458	3721	2074	1078	212	74	19	17	10	4	4				**10931**
Rel-7					1	20	663	2529	3132	1262	492	176	91	43	25	15				**8449**
Rel-8								49	777	4609	7073	2347	706	347	184	91	46	22	6	**16257**
Rel-9										49	2918	4991	3252	1366	376	165	70	26	17	**13230**
Rel-10											47	1722	3800	3103	1636	584	267	50	13	**11222**
Rel-11												32	1152	4178	3525	2186	622	163	22	**11880**
Rel-12													6	102	2254	5181	4287	1530	127	**13487**
Rel-13															8	200	2648	5571	1214	**9641**
Rel-14																	24	2315	3269	**5608**
Rel-15																		6	131	**137**
Total	**1408**	**4801**	**5738**	**6350**	**5202**	**5409**	**5974**	**5266**	**5152**	**6184**	**10651**	**9308**	**9042**	**9162**	**8022**	**8430**	**7964**	**9683**	**4799**	**128545**

* 2017 figures include the March and June Plenary meetings only

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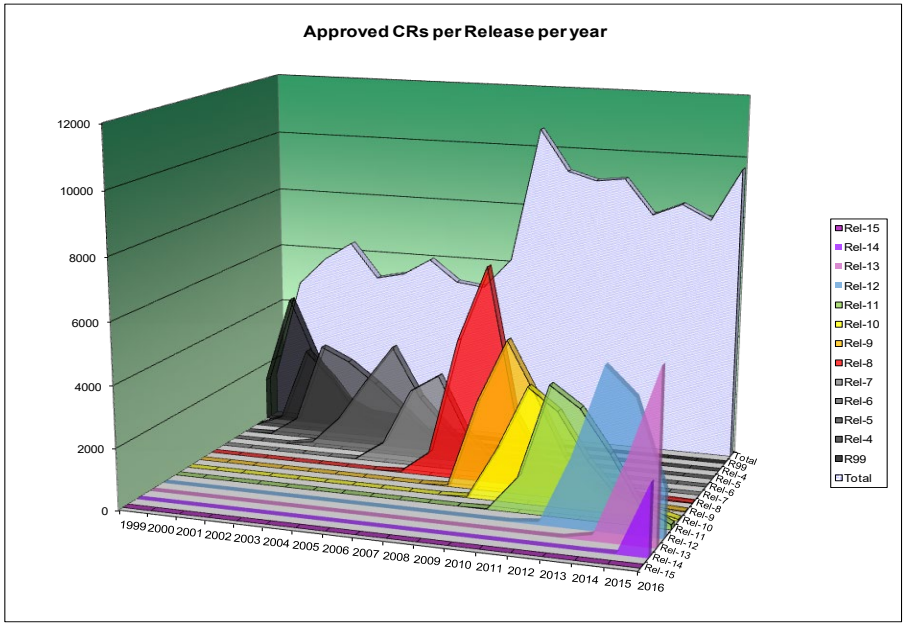
Workload: CRs



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Workload: Committee Support

3GPP Working Groups continue to break all records irrespective of how their work is measured. IM numbers, delegate numbers, document numbers, CR numbers and the frequency of meetings are all on the increase. Moreover, many Working Groups continue to work late into the night and start early the following morning, despite the PCG guidance that has been issued on the subject.

PCG#38 agreed to increase the MCC headcount by one additional Officer, with the intention of alleviating the RAN Working Group workload. We have yet to see whether this increase will be sufficient to cope with the increasing workload or not.

We do not know what will happen into 2018 as Releases 15 and 16 become well underway. If the rate of increase in workload continues then the Partners will need to consider taking some action in response. Of course, the easy solution is just to further increase the support resources but this may not be the smartest move. Some consideration may need to be given to other, more sustainable, longer term solutions.

On a related subject, some Working Groups have grown so large that it is now becoming difficult to find willing meeting hosts and the colocation of Working Group meetings is becoming impractical.

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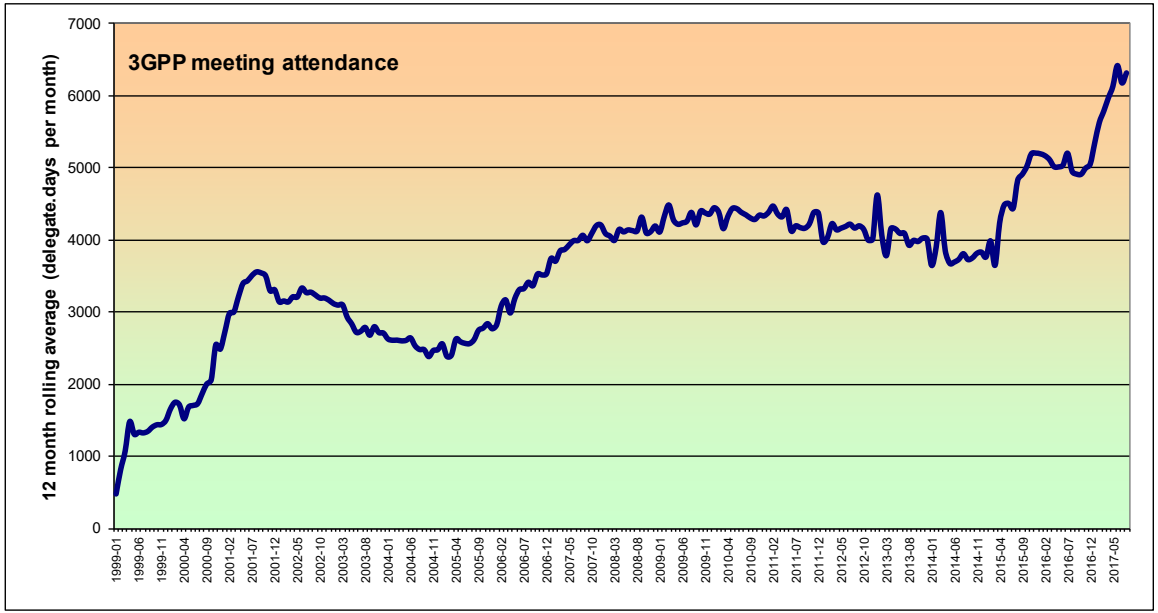
Workload: meeting attendance over time



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Check-in at meetings

At the June 2017 TSG plenaries, a disturbing tendency for delegates to check in on behalf of other delegates, having acquired those delegates' tokens, was noticed. MCC was tasked to investigate further.

In the WG and TSG meetings between November 2016 and May 2017, 450 instances of one delegate checking in on behalf of another, was detected. Those people were challenged to declare on their honour whether they had in fact participated in the meetings in question.

The vast majority of cases were justified by one of the parties not being able to perform his own check-ins because of:

- broken-down PC
- check in attempt apparently not working
- no access to local server due to company IT policy

A handful of delegates confessed they had not participated and asked for their check-ins to be deleted.

A very small number swore they were present but external evidence showed that their check-ins were almost certainly fraudulent.

The PCG may wish to note this situation.

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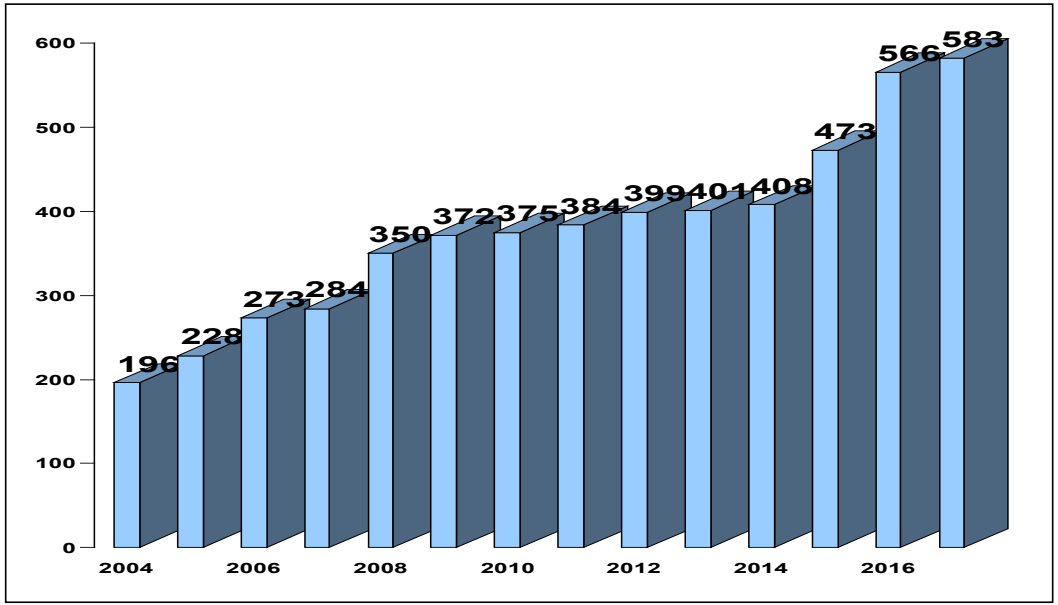
3GPP Membership

3GPP Membership currently stands at *583* Individual Members. In addition, there are 27 companies having Guest Status, which are potential IMs

Number of Individual Members in 3GPP

3GPP Individual Members come from 45 Countries worldwide



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3GPP Member Territories

AUSTRALIA	DENMARK	ISRAEL	POLAND	SOUTH AFRICA
AUSTRIA	ESTONIA	ITALY	PORTUGAL	SPAIN
AZERBAIJAN	FINLAND	JAPAN	QATAR	SWEDEN
BELGIUM	FRANCE	KOREA (REPUBLIC OF)	ROMANIA	SWITZERLAND
BOTSWANA	GERMANY	LEBANON	RUSSIAN FEDERATION	TAIWAN, PROVINCE OF CHINA
BRAZIL	HONG KONG	LUXEMBOURG	SERBIA	TURKEY
CANADA	INDIA	MALAYSIA	SINGAPORE	UNITED ARAB EMIRATES
CHINA	INDONESIA	NETHERLANDS	SLOVAKIA	UNITED KINGDOM
CZECH REPUBLIC	IRELAND	NORWAY	SLOVENIA	UNITED STATES

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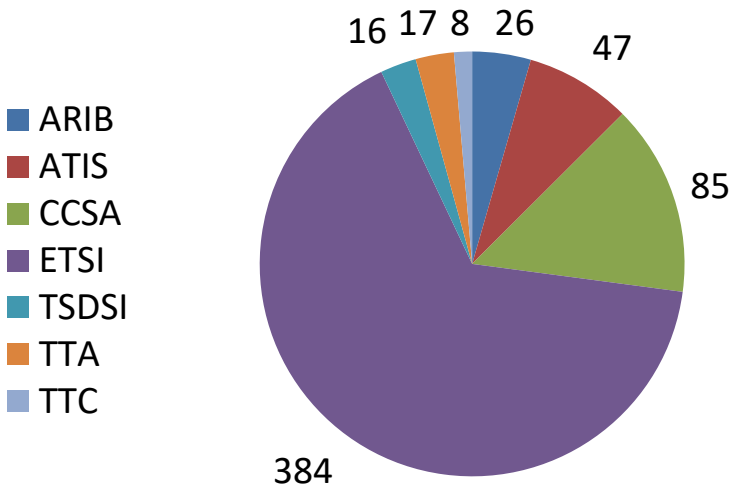
583 Individual Members in 3GPP



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Antitrust Training

Three antitrust and competition law training sessions have taken place so far in 2017:

27 March:	convenient for European based leaders
03 May:	convenient for US based leaders
01 June:	convenient for Asian based leaders

It is intended to holder a further session during Autumn 2017

These sessions are currently aimed at the TSG Leadership, MCC and OP staff. The question has again been raised as to whether such training should be extended to delegates as well? Some guidance from the PCG would be welcomed on whether the scope of these training sessions should be extended or not.

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Summary and Outlook

3GPP has continued to grow during 2017 with every indicator showing an upward trend. It is hard to predict how the project will grow in the next 12 -18 months.

The workload within the TSGs has increased since the last PCG and is predicted to continue doing so in order to meet the accelerated timeline for Release 15 and 16 delivery.

MCC resources are being increased in order to cope with this workload, but it is not clear whether this increase will be sufficient to meet future needs. If the growth does continue at the existing rate, then it may be necessary to consider a review of 3GPP working methods, rather than just increasing support resources. This situation will need to be closely monitored in the coming months.

3GPP has become *the* focal point for delivery of 5G standards and it is important to ensure that the workload within the TSGs (and therefore within MCC) remains manageable and that the quality of the specifications produced is not compromised.

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