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<b>Agenda Item</b>	<b>5</b>
<b>Source:</b>	<b>Editor for S25.101</b>
<b>Title:</b>	<b>AH05 report</b>
<b>Document for</b>	<b>Information</b>

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### Introduction

- Changes resulting from the last WG4 meeting in Makuhari were incorporated in TS 25.101V2.3.0. No comments were received on the WG4 reflector by the requested end date of the 28<sup>th</sup> September.
- As agreed, additional changes were included as per the Ad-hoc meeting on the 30<sup>th</sup> Sept to 1<sup>st</sup> in Noordwijkerhout, Holland. These changes relate to section 8 on performance. The revised document TS25.101.V2.4.0 with these changes were posted on the WG4 reflector for comments until the 4<sup>th</sup> October 1999. Only one editorial correction was received relating to the birth – death channel model which was included in version TS25.101v2.4.1.
- TS25.101V2.4.1 was approved to version 3.0.0 by the RAN #5 plenary meeting in Kyongju. One additional change included in version 3.0.0 was the introduction of the PCS band for Region 2 in section 5.2. The same change was also agreed for the FDD BS specification TS25.104.
- The following is a summary of the key changes for the different versions:

### Summary of changes in TS 25.101v2.3.0

New clause Nos.	Editorial / Technical	Comment
Title	E	Document raised to version 2.3.0
3.3	E	Abbreviations agreed changes as per Tdoc 505. The following were also added; AICH, CPICH, MER, PCH, RACH , SSdT
(3.4)	E	Old section CDMA equations deleted and transferred to TS 25.943
5.3	T	All UE shall support 190 MHz Tx-Rx spacing as per Tdoc 532
6.6.2	T	Out of band emission as per Tdoc 563
6.6.2.1 & 6.6.2.1.1	T	Spectrum emission mask as per Tdoc 563  As the spectrum mask is defined in terms of dBc a new note has been added by the editor to address the situation that the lower limit of –50 dBm /384 MHz is specified. - this is the same text which is used for the ACLR to address the same situation. This was discussed in the meeting but the text was not added to Tdoc 563 due to time pressure.
6.6.2.2	E	Editorial correction to ACLR table
6.6.3.1	T	Spurious emissions as per Tdoc 563
(7.10)	T	Deleted as per Tdoc 484
8	T/E	Deleted row for PCCPCH (as per Tdoc 548) and channel symbol rate (editor) as these are now covered in Annex A (measurement channel) and Annex C (Physical Channels)
8.1	E	Editorial to cover associated requirements in Annex A, B and C
8.3	E	Demodulation of DCH in multi-path propagation conditions. Delete column for 2048 kbps to align with measurement channel in Annex A and agreement in AH01
8.6.2	T	Delete test for feedback transmit diversity mode 3 as per Tdoc 522
8.6.3	T	Add DCH performance test for SSdT as per Tdoc 566
8.8	T	New clause on inner loop power control as per Tdoc 485. Target quality and Confidence level FFS
8.9	T	New clause on outer loop power control as per Tdoc 484. Target quality and

		Confidence level FFS
A.2.1 to A2.4	T	Updated UL reference channel as per Tdoc 552-revised which cover 12.2, 64, 144 and 384 kbps UL measurement channel
A3.1 to A3.4	T	Updated DL reference measurement channels as per Tdoc 498 which cover 12.2, 64, 144 and 384 kbps DL measurement channel
B1	E	Delete row for 2048 kbps
B.2.3	T	Changes to the moving propagation conditions as per Tdoc 499
B.2.4	T	Changes to the Birth – death propagation conditions as per Tdoc 548
Annex C	T	New annex for Down link physical channels as per Tdoc 493
Annex E	T	New open item for changes to section 7 required due to harmonization and downlink measurement channels as per Tdoc 493
History	E	Document history updated.

#### Summary of changes in TS 25.101v2.4.0

New clause Nos.	Editorial / Technical	Comment
Title	E	Document raised to version 2.4.0
8	E	Summary of UE performance targets moved from Annex B to clause 8.1
8.2	T	Ior/loc values were agreed for section 8.2 and 8.3 as per Tdoc 596
8.2.3.1	T	DCH performance requirements for the static environment for the 12.2 kbps and 64 kbps ( test number 2 & 3) as per Tdoc 596
Annex A	E/T	Corrections were made to fig A.6 (64 kbps) and fig A.8 (384 kbps) as they were incorrectly copied.
Annex B2.4	E/T	The birth death channel model was modified to change 8 us to 5 us
History	E	Document history updated.

#### Summary of changes in TS 25.101v2.4.1

New clause Nos.	Editorial / Technical	Comment
Title	E	Document raised to version 2.4.1
Annex B2.4	E	Corrections made to the B2.4 to remove all reference to 8us in text and figure B2
History	E	Document history updated.

#### Summary of changes in TS 25.101v3.0.0 (Incorporated by ETSI support team)

New clause Nos.	Editorial / Technical	Comment
Title	E	Document raised to version 3.0.0
ALL	E	Document re-formatted to add 3GPP template
5.2 b)	T	Changes to add PCS band as per RP-99540
History	E	Document history updated.