

**Source:** Secretary

**Title:** Draft summary minutes, decisions and actions from 3GPP  
PCG#4 Meeting, Beijing, 17 July 2000

**Agenda item:** all

**Document for:**

Decision	X
Discussion	
Information	

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## 1 Opening of Meeting

Mr Rosenbrock (ETSI) opened the meeting and welcomed the participants to Beijing. The list of participants is given at **Annex E**.

A welcoming address was given by Wen KU, the Deputy Director General of the Ministry of Information and Industry, The People's Republic of China. He stressed the importance of 3G to China and wished 3GPP well for the meeting.

## 2 Approval of Agenda

The draft Agenda for the meeting was discussed and approved with some minor amendments. The approved Agenda is given at **Annex A [3GPP/PCG#4(00)1r2]**.

## 3 Approval of Report of PCG#3

The draft report of PCG#3, for which no comments had been received, was presented and approved **[3GPP/PCG#3(00)28]**.

<b>Decision PCG4/1:</b> Report of PCG#3, held in Sophia Antipolis, 18-19 January 2000, approved <b>[3GPP/PCG#3(00)28]</b> .
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### 3.1 Actions arising

A status list had been prepared for the actions arising from PCG#3 **[3GPP/PCG#4(00)2]**. This status list was discussed and it was agreed that all actions had now been discharged.

## 4 Management Reports from TSGs

### 4.1 TSG SA

Mr Andersen (TSG SA Chairman) presented the management report of TSG SA **[3GPP/PCG#4(00)10]**.

TSG SA had raised the need for a closer co-operation to be established between 3GPP and the Internet Engineering Task Force (IETF) and draft text had been proposed which could form the basis of a formal agreement between the two bodies. During the discussion that followed it was noted that the existing 3GPP Working Procedures did not prevent a direct liaison being established with the IETF but this was not the IETF's normal method of co-operation which was based more on individual rather than company representation. Furthermore, neither 3GPP nor IETF are established as legal entities which would make a formal co-operation agreement difficult to establish, although it was understood that there was a possibility to establish an agreement with the Internet Society (ISOC) which is the parent body of the IETF. It was agreed that the PCG Chairman would lead an activity to discuss with the IETF how best to establish a closer co-operation. For this purpose, each Organizational Partner was requested to provide one representative to take part in the discussions. Comments were also invited on the draft text of the agreement which had been prepared by TSG SA.

<b>Action PCG4/1:</b> PCG Chairman to lead an activity to discuss with the IETF how best to establish a closer relationship.
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<b>Action PCG4/2:</b> Organizational Partners to nominate a representative to take part in the discussions with the IETF.
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**Action PCG4/3:** PCG members to comment on the draft text of a 3GPP/IETF agreement prepared by TSG SA SA [3GPP/PCG#4(00)10].

Dr Bailey noted that both the 3GPP architecture and project management activities were both taking place within one group (SA2) and considering the importance and workload of these two activities questioned whether they should not be separated. It was explained that separate physical meetings are held at which the two subjects are treated and as such they did not interfere with each other. Moreover, there was a link between the two activities which rendered them better treated by a single working group.

TSG SA had once more recommended that the advice of the 3GPP security experts should be followed and that the 3GPP Ciphering and Integrity Algorithms should be openly published. PCG endorsed this view which was subject to further discussion by the Organizational Partners.

**Decision PCG4/2:** PCG endorsed the view of TSG SA that the 3GPP Ciphering and Integrity Algorithms should be openly published [3GPP/PCG#3(00)10].

Mr Holley (TSG-T Chairman) raised concerns on the need for 3GPP to take responsibility for the entire 3GPP system. Other related fora had started work on fringe areas which should ideally be taken care of within the project if full control was to be maintained. The PCG endorsed the view that 3GPP was responsible for the entire 3GPP system and the Partners committed themselves to do the work within the project rather than elsewhere.

**Decision PCG4/3:** PCG endorsed the view that 3GPP was responsible for the entire 3GPP system with Partners committing themselves to do the work within the project rather than elsewhere [3GPP/PCG#3(00)10].

## 4.2 TSG CN

Mr Hayes (TSG CN Chairman) presented the management report from TSG CN [3GPP/PCG#4(00)11r1].

TSG CN had requested permission to liaise with the Object Management Group (OMG) and with JAVA in Advanced Intelligent Networks (JAIN). These two requests were approved.

**Decision PCG4/4:** PCG agreed that TSG CN may liaise with the Object Management Group (OMG) and with JAVA in Advanced Intelligent Networks (JAIN).

TSG CN had discussed how best to register Organization Identifiers (OID), in the context of Bearer Independent Call Control (BICC) concluding that this would be best done by an Organizational Partner such as ETSI which could seek a single identifier for the 3GPP system [3GPP/PCG#4(00)20]. PCG agreed that ETSI should undertake this task, but gave a two week commenting period for those Organizational Partner that required further time to confirm this decision.

**Decision PCG4/5:** PCG agreed that ETSI should take care of Organization Identifier matters for 3GPP (subject to two week commenting period) [3GPP/PCG#4(00)20].

TSG CN had discussed how best to liaise with ITU-T noting that direct liaison was not possible under the existing Working Procedures [3GPP/PCG#4(00)19]. This matter was deferred until the Organizational Partners meeting which took place the following day where the relationship between 3GPP and the ITU was discussed in detail.

### 4.3 TSG RAN

Francois Courau (TSG RAN Vice Chairman) presented the management report of TSG RAN on behalf of Yuki Furuya (TSG RAN Chairman) who was unavoidably absent [3GPP/PCG#4(00)12].

TSG RAN had highlighted the problems they were experiencing due to a lack of support resources. This matter is treated under section 6 of this report.

The PCG noted that discussions had taken place concerning measurement uncertainty within the radio specifications. The base specifications themselves did not traditionally define measurement uncertainty (ie zero tolerance) but those uncertainty figures were added when the test specifications are prepared. This could be problematic if the test specifications are not included within the IMT2000 recommendations produced by the ITU. It was agreed that TSGs RAN (RAN4) and T (T1) should draft a liaison statement to ITU-R proposing a solution to the problem.

<b>Action PCG4/4:</b> TSGs RAN (RAN4) and T (T1) to draft a liaison statement to ITU-R proposing a solution to the problem of measurement uncertainty within 3GPP radio specifications.
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### 4.4 TSG T

Dr Park (TSG T Chairman) presented the progress report from TSG-T [3GPP/PCG#4(00)13r1].

TSG T had debated the apparent imbalance between the size of TSG T against the size of the three other TSGs and had considered how this could be corrected. It was noted that with the impending creation of TSG GERAN the dimensions of 3GPP would change and that a six month review was expected to take place in early 2001 at which time the relative sizes of the TSGs could be addressed.

## 5 3GPP Progress

### 5.1 Completion of release '99

Mr Scrase presented the current status of all deliverables within the project which took account of the results achieved during the joint TSG meetings held recently in Dusseldorf [3GPP/PCG#4(00)9].

### 5.2 Progress of release '00

CWTS had requested that the low chip rate variant of the TDD mode be completed for inclusion within release 00 [3GPP/PCG#4(00)18]. It was noted that TSG RAN had already confirmed their willingness to complete this work as soon as possible and that the necessary additions were under preparation for inclusion within the existing specifications. It was also noted that efforts were required to ensure the maximum harmonization between the high chip rate and low chip rate TDD modes. The PCG endorsed the proposal that Release 00 should include the low chip rate variant of the TDD mode.

<b>Decision PCG4/6:</b> PCG endorsed the proposal that release 00 should include the low chip rate variant of the TDD mode [3GPP/PCG#4(00)18].
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A discussion took place on the content of release 00 and it was noted that at this stage the content had not been fully defined. It was expected that this would be debated during the TSG meetings which will take place in September and the PCG requested TSG SA to provide a contents list of release 00 for the next PCG meeting.

<b>Action PCG4/5:</b> TSG SA to provide a contents list of release 00 for the next PCG meeting.
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The content of future releases and how they should be packaged was also discussed. It was noted that the existing habit of annual releases may not be the best and that a move towards content based rather than time based releases should be considered. After some discussion it was agreed that a release scheme based on both time and content should be developed. This would enable a known list of features to be the content of a release package having a target date for completion. The releases need not necessarily be annual. TSG SA was requested to take the results of this discussion into account whilst developing future release plans.

**Action PCG4/6:** TSG SA to take into account the results of the PCG discussion on the packaging of release contents when developing future release plans.

## **6 3GPP Support**

### **6.1 Report of MCC Activities**

Mr Scrase presented a report of the Mobile Competence Centre which explained the developments which had taken place since the previous meeting [3GPP/PCG#4(00)08].

### **6.2 TSG Support Requirements for 2001**

TSG RAN had indicated that they had insufficient support services from the Mobile Competence Centre and that due to the increasing workload the problem could only deteriorate. They had proposed alternative ways in which the problem could be solved based on increased resources being provided on both a temporary or permanent basis. After a short discussion it was noted that ARIB staff would be willing to offer temporary assistance during peak load times and that this assistance could be provided remotely. In addition, the request for funding to be made available for one further full time expert within MCC was endorsed by the PCG, pending discussion by the Organizational Partners.

**Decision PCG4/7:** PCG endorsed the request for funding to be made available for one additional full time expert within MCC to support TSG RAN. (ARIB staff will provide temporary assistance to STG RAN during peak load times).

### **6.3 New TSG funding requests for specific tasks**

There were no new requests for funding of specific tasks.

#### **6.3.1 3G Authentication Algorithm**

Funding for the development of a 3G Authentication Algorithm had already been agreed previously. The work plan for that activity was now presented and approved (although the timing information within the work plan was now out of date due to the delay in agreeing funding) [3GPP/PCG#4(00)16].

**Decision PCG4/8:** PCG approved the work plan of the funded task for the development of a 3G Authentication Algorithm [3GPP/PCG#4(00)16].

## **7 Working Procedures Update**

Dr Woinsky presented proposed changes to the 3GPP Working Procedures which had been developed by the Working Procedures ad hoc group [3GPP/PCG#4(00)14]. The proposed changes were discussed as follows:

**Article 22: TSG and WG election of Chairman and Vice Chairman**

The proposed text was approved in principle. However, the interpretation of the phrase “in the march timeframe” was given to mean as near as possible to the month of March. It was noted that TSG GERAN would not meet in synchronization with the other TSGs and that this relaxed interpretation may be required to take account of their meeting schedule.

Concerning special elections, it was agreed that the clause which stipulates that successive candidates should not be from the same Region or Organizational Partner should not apply, since this would bar those candidates from standing in the next full election. It was agreed that this should be reflected in the text.

Concerning the change in company affiliation, it was confirmed that the clause should only apply in the case where a Chairman moves to another company and should not apply in the case of mergers or acquisitions. Consideration would be given as to whether a letter of support from the acquiring company was required or not. The necessary text for this clause is expected to be prepared for the next PCG meeting

**Decision PCG4/9:** PCG approved changes to Article 22 of the 3GPP Working Procedures.

**Article 26 : TSG and WG voting during a meeting**

The proposed text was approved with the deletion of the requirement to “disseminate the results of the vote to all on the active participant list”.

**Decision PCG4/10:** PCG approved changes to Article 26 of the 3GPP Working Procedures.

**Article 32: TSG and WG meeting agenda**

The text was approved as proposed but with the deletion of the requirement for votes on Technical Specifications and Technical Reports to be included in the draft Agenda.

**Decision PCG4/11:** PCG approved changes to Article 32 of the 3GPP Working Procedures.

**Article 35: TSG and WG Participant and Membership List**

The proposed text for Article 35 was approved as submitted.

**Decision PCG4/12:** PCG approved changes to Article 35 of the 3GPP Working Procedures.

**New proposals**

Dr Woinsky highlighted the different approaches that had been adopted for email approval since there was no recorded process to be followed. After some discussion it was agreed not to formalise an email approval process but to leave the matter to the judgement of each TSG.

Dr Woinsky also noted that there was a need for a summary of each meeting to be made available in good time, especially for those members which do not participate in all meetings. The merits of having a meeting summary posted on the web immediately following each meeting was discussed but this was not believed to be the best approach. Instead, the PCG concluded that, as a guideline, 3GPP meeting reports should be made available as soon as possible after the close of the meeting and ideally within 15 days.

**Decision PCG4/13:** PCG approved the guideline that 3GPP meeting reports should be made available as soon as possible after the close of the meeting and ideally within 15 days.

Dr Bailey reported that an incident had occurred recently where a 3GPP group had sent a liaison directly to a US national body and that Committee T1 had not been aware that such a contribution would be made. This led Committee T1 to propose the introduction of a rule which would prevent this from happening in the future [3GPP/PCG#4(00)17]. It was noted that the existing rules of 3GPP require the TSGs to seek approval with those bodies with whom they may liaise directly and that as such the introduction of additional rules should not be necessary. It was agreed that the TSG Chairmen should remind their officials of the need to seek approval before liaising with external bodies and that they should entertain good judgement in the nature of the liaisons that they send.

**Action PCG4/7:** TSG Chairmen to remind their officials of the need to seek approval before liaising with external bodies and to entertain good judgement in the nature of the liaisons that they send.

## 8 External relations

The Chairman presented a liaison that had been received from the Digital Video Broadcasting (DVB) Project who were considering the use of the 3G system as a satellite broadcasting return channel [3GPP/PCG#4(00)15]. The liaison called for a closer relationship to be established. Mr Andersen reported that TSG SA had considered this liaison and had requested SA1 and the Services Experts Group (SERG) of the GSM Association to consider the matter from a service requirements perspective. A response would be formulated once these groups had completed their work.

It was agreed that DVB should be added to the list of external bodies with whom the TSGs are authorized to liaise.

**Decision PCG4/14:** 3GPP TSG authorised to liaise with the Digital Video Broadcasting Project (DVB) [3GPP/PCG#4(00)15].

## 9 Creation of an IPR Register (Article 55 of Working Procedures)

ETSI had proposed that open calls should be made during 3GPP meetings for Individual Members to declare any IPRs which they believe to be essential and that these calls should be recorded in the meeting minutes [3GPP/PCG#4(00)06]. The purpose of these calls was to aid the early declaration of IPRs and to remind members of their obligations under their SDOs IPR Policy. The PCG endorsed the proposal.

**Decision PCG4/15:** PCG endorsed the proposal that open calls should be made during 3GPP meetings for Individual members to declare any IPRs which they believe to be essential and that these calls should be recorded in the meeting minutes [3GPP/PCG#4(00)06].

**Action PCG4/8:** TSG Chairmen to ensure that open IPR calls are made during 3GPP meetings and to ensure that these calls are recorded in the meeting minutes [3GPP/PCG#4(00)06].

**Action PCG4/9:** MCC to provide a template suitable for making IPR calls during 3GPP meetings.

The Secretary reported that a page had been created on the 3GPP website which pointed to the IPR declarations of 3GPP Organizational Partners. It was proposed that once links have been established with all 3GPP Organizational Partners, the page could be considered as the "IPR Register" referred to under Article 55 of the Working Procedures [3GPP/PCG#4(00)07]. This proposal was approved.

**Decision PCG4/16:** The IPR Register referred to under Article 55 of the Working Procedures to be considered as the 3GPP web page which points to the IPR declarations recorded by each 3GPP Organizational Partner [3GPP/PCG#4(00)07].

**10 A.O.B**

The next PCG meeting will take place in California (probably San Francisco) on 14 November.

**11 Closure of Meeting**

The Chairman thanked the host for providing excellent meeting facilities and there being no further business the meeting was closed.

**Annex A    Adopted agenda**

		<b>Documents</b>
<b>1</b>	Opening of Meeting	
<b>2</b>	Approval of Agenda	<b>1r2</b>
<b>3</b>	Approval of Report of PCG#3 3.1    Actions arising	2
<b>4</b>	Management Reports from TSGs 4.1    TSG SA 4.2    TSG CN 4.3    TSG RAN 4.4    TSG T	10 11r1, 19, 20 <b>12</b> 13
<b>5</b>	3GPP Progress 5.1    Completion of release '99 5.2    Progress of release '00	9 <b>18</b>
<b>6</b>	3GPP Support 6.1    Report of MCC Activities 6.2    TSG Support Requirements for 2001 6.3    New TSG funding requests for specific tasks 6.3.1    3G Authentication Algorithm	8 <b>16</b>
<b>7</b>	Working Procedures update	<b>14, 17</b>
<b>8</b>	External relations	15
<b>9</b>	Creation of an IPR Register (Article 55 of Working Procedures)	<b>6, 7</b>
<b>10</b>	A.O.B	5
<b>11</b>	Closure of Meeting	

## Annex B List of Decisions

N°.	DECISION
D-PCG4/1	Report of PCG#3, held in Sophia Antipolis, 18-19 January 2000, approved [3GPP/PCG#3(00)28].
D-PCG4/2	PCG endorsed the view of TSG SA that the 3GPP Ciphering and Integrity Algorithms should be openly published [3GPP/PCG#3(00)10].
D-PCG4/3	PCG endorsed the view that 3GPP was responsible for the entire 3GPP system with Partners committing themselves to do the work within the project rather than elsewhere [3GPP/PCG#3(00)10].
D-PCG4/4	PCG agreed that TSG CN may liaise with the Object Management Group (OMG) and with JAVA in Advanced Intelligent Networks (JAIN).
D-PCG4/5	PCG agreed that ETSI should take care of Organization Identifier matters for 3GPP (subject to two week commenting period) [3GPP/PCG#4(00)20].
D-PCG4/6	PCG endorsed the proposal that release 00 should include the low chip rate variant of the TDD mode [3GPP/PCG#4(00)18].
D-PCG4/7	PCG endorsed the request for funding to be made available for one additional full time expert within MCC to support TSG RAN. (ARIB staff will provide temporary assistance to STG RAN during peak load times).
D-PCG4/8	PCG approved the work plan of the funded task for the development of a 3G Authentication Algorithm [3GPP/PCG#4(00)16].
D-PCG4/9	PCG approved changes to Article 22 of the 3GPP Working Procedures.
D-PCG4/10	PCG approved changes to Article 26 of the 3GPP Working Procedures.
D-PCG4/11	PCG approved changes to Article 32 of the 3GPP Working Procedures.
D-PCG4/12	PCG approved changes to Article 35 of the 3GPP Working Procedures.
D-PCG4/13	PCG approved the guideline that 3GPP meeting reports should be made available as soon as possible after the close of the meeting and ideally within 15 days.
D-PCG4/14	3GPP TSG authorised to liaise with the Digital Video Broadcasting Project (DVB) [3GPP/PCG#4(00)15].
D-PCG4/15	PCG endorsed the proposal that open calls should be made during 3GPP meetings for Individual members to declare any IPRs which they believe to be essential and that these calls should be recorded in the meeting minutes [3GPP/PCG#4(00)06].
D-PCG4/16	The IPR Register referred to under Article 55 of the Working Procedures to be considered as the 3GPP web page which points to the IPR declarations recorded by each 3GPP Organizational Partner [3GPP/PCG#4(00)07].

**Annex C List of Actions**

<b>N°.</b>	<b>RESPONSIBLE</b>	<b>ACTION</b>
<b>A-PCG4/1</b>	PCG Chairman	To lead an activity to discuss with the IRTF how best to establish a closer relationship.
<b>A-PCG4/2</b>	Organizational Partners	To nominate a representative to take part in the discussions with the IETF.
<b>A-PCG4/3</b>	PCG members	To comment on the draft text of a 3GPP/IETF agreement prepared by TSG SA SA [3GPP/PCG#4(00)10].
<b>A-PCG4/4</b>	TSGs RAN (RAN4) and T (T1)	To draft a liaison statement to ITU-R proposing a solution to the problem of measurement uncertainty within 3GPP radio specifications.
<b>A-PCG4/5</b>	TSG SA	To provide a contents list of release 00 for the next PCG meeting.
<b>A-PCG4/6</b>	TSG SA	To take into account the results of the PCG discussion on the packaging of release contents when developing future release plans.
<b>A-PCG4/7</b>	TSG Chairmen	To remind their officials of the need to seek approval before liaising with external bodies and to entertain good judgement in the nature of the liaisons that they send.
<b>A-PCG4/8</b>	TSG Chairmen	To ensure that open IPR calls are made during 3GPP meetings and to ensure that these calls are recorded in the meeting minutes [3GPP/PCG#4(00)06].
<b>A-PCG4/9</b>	MCC	To provide a template suitable for making IPR calls during 3GPP meetings.

**Annex D List of documents**

<b>Doc. No.</b>	<b>Title</b>	<b>Source</b>	<b>Agenda Item</b>
PCG3_28	Draft summary minutes, decisions and actions from 3rd 3GPP PCG Meeting, Sophia Antipolis, France19-20 January 2000	PCG Secretary	3
PCG4_01r2	Draft Agenda	Chairman	2
PCG4_02	Actions Status List	Secretary	3
PCG4_03r2	List of Documents	Secretary	All
PCG4_04	Attendees List	Secretary	All
PCG4_05	3GPP TSG Meeting Calendar	Secretary	10
PCG4_06	IPR Recommendations	ETSI	9
PCG4_07	Creation of an IPR Register	Secretary	9
PCG4_08	Report from MCC	Secretary	6.1
PCG4_09	3GPP Status List after TSG#8	ETSI MCC	5
PCG4_10	TSG SA Management Report	TSG SA Chairman	4.1
PCG4_11r1	TSG CN Management Report	TSG CN Chairman	4.2
PCG4_12	TSG RAN Management Report	TSG RAN Chairman	4.3
PCG4_13	TSG T Management Report	TSG T Vice Chairman	4.4
PCG4_14	Proposed amendments to the 3GPP Working Procedures	Working Procedures Group Chairman	7
PCG4_15	Communication received from DVB	Secretary	8
PCG4_16	Proposed Work Plan for preparation of a 3G Authentication Algorithm	TSG SA	6.3.1
PCG4_17	Policy regarding Contributions from 3GPP meetings internal to an Organizational Partner's Country	Committee T1	7
PCG4_18	Completion of TDD integration in R'00	CWTS	5.2
PCG4_19	ITU-T Ad-Hoc Coordination Status	TSG CN Chairman	4.2
PCG4_20	Co-ordination of OID Handling	TSG CN Chairman	4.2

**Annex E List of Participants**

No.	Name	Organization
1	Takanori UTANO	ARIB
2	Yutaka MAEDA	ARIB
3	AKIO SASAKI	ARIB, PCG Vice Chair
4	CAO Shumin	CWTS
5	XU Jinghao	CWTS
6	WANG Xiaoyun	CWTS
7	SUN Lixin	CWTS
8	LI Yingtao	CWTS
9	YU Qiangmin	CWTS
10	PAN Shengxi	CWTS
11	Eric Ljungberg	ETSI
12	Philip John Davidson	ETSI
13	Karl Heinz Rosenbrock	ETSI, PCG Chairman
14	Christopher Wallace	GSA
15	Olle Aberg	GSA
16	Neil LILLY	GSM Association
17	JAMES J.HEALY	GSM Association
18	Abdellatif LADID	IPv6 Forum
19	Adrian David SCRASE	SECRETARY
20	James R. Lord	T1
21	Mel Woinsky	T1
22	Charles C. Bailey	T1
23	Henry Cuschieri	TIA
24	Susan Hoyler	TIA
25	h Hayes	TSG CN Chairman
26	Yukitsuna FURUYA	TSG RAN Chairman
27	Donald E. Zelmer	TSG RAN Vice Chair
28	Courau Francois	TSG RAN Vice Chair
29	Niels Peter Skov Andersen	TSG SA Chairman
30	Gary K. Jones	TSG SA Vice Chairman
31	SANG-KEUN PARK	TSG T Chairman
32	Kevin Holley	TSG T Vice Chairman
33	Edward S. Ehrlich	TSG T Vice Chairman

34	Changho RYOO	TTA
35	Kyu - Jin WEE	TTA
36	Young Kyun Kim	TTA
37	Bong Kuk LEE	TTA
38	Nobuhiro Horisaki	TTC
39	Koji Yamamoto	TTC
40	Kunihiko Taya	TTC
41	Wolfgang Groenen	UMTS Forum
42	Chris Wildey	UMTS Forum
43	Antonella NAPOLITANO	UMTS Forum
44	Leo Nikkari	UWCC
45	Umesh Amin	UWCC