

**MINUTES OF MEETING (Draft)**

<b>Name of the Meeting</b>	Third TSDSI General Body (GBM) Meeting
<b>Date</b>	8 <sup>th</sup> December, 2015
<b>Time</b>	13:30 pm to 17:00 pm
<b>Venue</b>	Lecture Room #1, India International Centre Annexe, K K Birla Lane, near IIC Main Building, 40 Max Mueller Marg, New Delhi 110003
<b>Meeting Type</b>	Discussion and Decision Meeting
<b>Participants List</b>	Refer Document No. TSDSI-2-GBM-3-2015-12-08 (attached)
<b>Approved Agenda</b>	Refer Document No. TSDSI-1-GBM-3-2015-12-08 (attached)
<b>Recorder</b>	Ms Bindoo Srivastava & Ms Jayeeta Saha, TSDSI Secretariat
<b>Reviewed by</b>	Prof Abhay Karandikar, Vice Chairman and Director General
<b>Status</b>	Draft (to be approved by the General Body in its fourth meeting)

**Major areas of Discussion**

i. Annual Report for FY 2013-14
ii. Progress Reports from SGs/WGs
iii. Strategy for TSDSI –EU Collaboration Project
iv. Strategy for hosting international meetings of oneM2M, GSC and 3GPP-PCG/OP in April 2016 in India
v. Budget and Membership fee structure for FY 2016-17, funding for membership in 3GPP, oneM2M, APT and ITU, introduction of new categories of membership
vi. Membership Engagement

**DISCUSSIONS:****1. Opening Remarks by Chairman :**

Prof. Abhay Karandikar, Vice Chairman, TSDSI informed the General Body that Chairman, Dr Kumar Sivarajan was not able to participate in the meeting due to extenuating personal circumstances. In his absence, Vice Chairman would conduct the meeting. He then extended a

warm welcome to all the Members attending the meeting. He also secured agreement from the attendees to record the proceedings of the meeting.

Vice Chairman informed the General Body (GB) about the resignation of Dr Asok Chatterjee as Director General wef Nov 5<sup>th</sup>, 2015. He recounted and appreciated the contributions made by Dr Chatterjee towards building TSDSI from its inception to the current stage where it is a partner to key global SDOs and forums. He also informed that Chairman has entrusted him with the additional charge of Director General till a full time Director General is selected. The general body members expressed hope that Dr Chatterjee would continue to support and guide TSDSI in its journey of becoming an SDO of reckoning.

The GB then took up matters on the Agenda as described below:

## **2. Confirmation of the Minutes of 2<sup>nd</sup> General Body meeting held on 18<sup>th</sup> May 2015:**

The Draft Minutes of the second General Body meeting had been mailed to all TSDSI members after the meeting. The same were tabled before the General Body. There being no suggestions for any change, the Minutes were approved.

## **3. Action Taken Report (ATR):**

General Manager (Programs & Operations) presented the ATR (Please refer to the attached document No. TSDSI-4-GBM-3-2015-12-08).

## **4. Annual Report**

Annual Report for FY 2013-14 as approved by the GC was tabled before the GB. Members were informed that the GC has approved the draft prepared by the secretariat subject to the following modifications:

- i. Add a background section to give genesis of TSDSI and record the contributions made by key founding members and other stalwarts.
- ii. Make corrections in the founding members list to ensure its accuracy
- iii. Add a section on Auditor remarks in the Financial Statements section
- iv. Provide a brief overview of the global SDOs in the appendix as a ready reckoner

The General Body approved the Annual Report subject to the modifications recommended by the GC with an additional incorporation of describing the technical groups of TSDSI.

## **5. Progress Reports from SGs/WGs**

Progress Reports were presented by the Chairs of SG1, SG1WG1, SG1WG2, SG1WG3, SG2 and SG3.

Vice Chairman informed the GB that standardization roadmaps would be finalized in an all

technical group meeting. It was agreed to send contributions on local language support (in context of Indian Languages) to ITU through DoT.

Vice Chairman informed the GB that he had called a meeting of all technical leaders- chairs and vice chairs of study and work groups. The technical leaders had expressed a need for announcing a calendar of study and work group meetings well in advance so that members can get sufficient time for contributions. Vice Chairman further informed the members that the Technical Calendar of events was being finalized in consultation with technical leaders. He also informed the GB that there would be joint meetings of all study groups to facilitate addressing of cross cutting issues across groups and also accelerate pace of work.

## **6. Strategy for TSDSI-EU Collaboration**

A background note for the collaboration project had already been circulated to the members as part of the detailed Agenda. Vice Chairman informed the general body that EU had recently initiated proposal for a three year duration supporting India-EU cooperation on ICT standardization in the selected areas of ITS, NFV/SDN and 5G.

A 3<sup>rd</sup> concluding joint workshop is proposed to be held on Feb 11<sup>th</sup>, 2016 in Delhi to help both sides define the scope of joint cooperation in specific topics under these areas. It was decided that Vice Chairman/Director General would seek a list of the candidate topics from the technical leaders that could be suggested to EU team for discussion in the proposed Indo-EU workshop.

## **7. Hosting International Meetings of oneM2M steering committee, GSC, 3GPP –PCG and 3GPP-OP in April 2016.**

A brief note informing members about the proposed international meetings to be hosted by TSDSI in India had already been circulated to members. The general body was informed that the GC had formed a three member committee to review the location of hosting these events either in Delhi or Mumbai and assist the secretariat in hosting these events.

The general body was informed that it was intended to fund the business sessions and hospitality events around these meetings through sponsorships. Sponsors can showcase their innovations and offerings during the events to the international delegates coming from all parts of the world. Members were urged to sponsor/help obtain sponsors for these events. They were also urged to provide volunteers for organizing the events.

In this context, Qualcomm informed that India Friends of 3GPP (IF3), a group of some TSDSI members propose to organize the 3GPP meetings in India. The members appreciated this move and fully supported any move that could increase TSDSI members' participation and contribution in 3GPP.

## 8. Financial Matters

Vice Chairman apprised the general body of the financial condition of the society and put forth recommendations made by the GC for meeting the projected budgeted expenses for the next FY 2016-17 and also for funding TSDSI's membership for 3GPP, oneM2M, ITU-T (SG15) and APT. These are as follows:

### 1. Introduce 2 new categories of membership:

In order to encourage startups, MSMEs, for contributing to standardization activities, the GC recommended to introduce a new category (1E) of members in the Corporate category with annual turnover less than or equal to INR 10 crores. The current category 1A (corporates with turnover less than INR 100 crores) will change to turnover between 10 crores and 100 crores. The rights and privileges of this new category would be the same as that of corporate members (Category 1A -1D).

After some discussion, the above decision of the governing council was ratified by the general body.

The general body also ratified GC's decision that foreign associations (especially from SAARC, APAC and African regions etc.) can join TSDSI in the associate membership category by paying a one-time admission fees and 1600 USD and annual subscription fees of USD 2000. Their rights and privileges will be the same as that of associate (Category 3) members.

### 2. Recommended fee structure for the next FY was presented to the GB as follows:

**Recommended Membership Fee Structure for FY 2016-17**

Category	Description	Admission fees – one-time payment applicable in FY 2015-16	Annual subscription in FY 2015-16	Recommended Admission fees – one-time payment for members joining in and after FY 2016-17	Recommended annual subscription for FY 2016-17
1A	Corporate - <b>10 crores &lt; turnover</b> <=100 crore	₹ 2,00,000	₹ 1,25,000	₹ 2,00,000	₹ 2,00,000
1B	Corporate - turnover 100 crore <=1000 crore	₹ 2,00,000	₹ 2,50,000	₹ 2,00,000	₹ 3,50,000
1C	<b>Corporate - turnover &gt; 1000 crore (=1000 crore will fall in Category 1B)</b>	₹ 2,00,000	₹ 6,25,000	₹ 2,00,000	₹ 7,50,000
1D	<b>Corporate - RnD/ Test Labs</b>	₹ 2,00,000	₹ 1,25,000	₹ 2,00,000	₹ 2,00,000
<b>New 1E</b>	<b>Corporate turnover &lt;= than 10 crores</b>			<b>₹ 1,00,000</b>	<b>₹ 1,00,000</b>
2	Academic/not for Profit RnD/Govt.	₹ 1,00,000	₹ 62,500	₹ 1,00,000	₹ 1,00,000
3	Associations	₹ 1,00,000	₹ 62,500	₹ 1,00,000	₹ 1,00,000
<b>New 4</b>	<b>foreign associations</b>			<b>USD 1,600</b>	<b>USD 2,000</b>

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Vice Chairman explained the rationale for arriving at the fee structure as recommended by the GC. It was also recommended that IM membership component for 3GPP and oneM2M for calendar year 2016 would be paid by members separately over and above the TSDSI membership fees.

TSDSI has to revert to 3GPP and oneM2M with the total no. and list of TSDSI members who wish to remain/become IMs of these forums through TSDSI, by mid-January 2016. SDO component of 3GPP fees is expected to be met partially through a grant from DoT. Part of the oneM2M membership fees would be met by contributing to their secretariat operations work by offering manpower.

After some discussion, the general body ratified the above Membership Fee structure.

The GB was informed that membership privileges would continue to be the same as prevalent currently for the FY 2016-17. However, it was informed that the GC had resolved that the GC SC on Budget & Finance would study the feasibility of having a tiered membership in TSDSI with different privileges compatible with their membership categories and fees for possible changes from FY 2017-18.

**9. Membership Engagement**

Secretariat informed the members that they had undertaken a satisfaction survey of members. Vice Chairman/Director General thanked the members for providing detailed suggestions for improvement. Following were the salient points raised by the members in the survey.

- i. Website*  
Improve website user experience and structure to facilitate easy navigation.
- ii. Member notifications*  
Alert notifications to registered participants of events.
- iii. Document templates and Repository*
  - Provide keyword based documentation, tagging to “source”
  - Provide templatised artifacts that are validated by system to ensure completeness and integrity of mandatory information.
  - Provide Document numbering with change and version control
- iv. Membership drive*  
Take up membership drive to become more inclusive
- v. Information dissemination*
  - Communicate key decisions to all members
  - Publish Regular updates on technical activities

The general body was informed by Vice Chairman that he has directed the Secretariat to prepare best operational practices guidelines document to help members and office bearers to conduct the affairs of the society.

In this context, a presentation was made by Intel on “A basis for determining the scope and workflow among WGs to prevent operational conflicts and streamline the deliverables”. The members appreciated the points raised by Intel. After some discussion, it was decided to take this up after receiving recommendations from GC SC on R&R and WP.

#### **10. Any other matter**

Vice Chairman informed the GB that secretariat had received a few applications from candidates for the post of DG. GC is in the process of evaluating the candidatures and would keep the general body informed on further progress in the matter.

#### **11. Concluding Remarks:**

There being no other item to discuss, Vice Chairman adjourned the meeting.

**TSDSI-1-GBM-3-2015-12-08****Agenda for 3<sup>rd</sup> General Body Meeting****Date and Time: 8<sup>th</sup> December, 2015, 13:30 to 17:00,****Venue: Lecture Room#1, India International Centre Annexe, Near IIC Main Building, K K Birla Lane, 40, Max Mueller Marg, New Delhi 110003****12:30-13:30 Lunch****13:30-15:15 General Body Meeting (Session #1)**

1. Opening Remarks by the Chairman
2. Confirmation of Minutes of the Second GBM Meeting held on 18<sup>th</sup> May, 2015
3. Action Taken Report
4. Annual Report for FY 2014-15
5. Technical Activities Status Updates
6. Strategy for TSDSI-EU Collaboration project
7. Strategy for hosting of the oneM2M steering committee, GSC and 3GPP PCG/OP meetings by TSDSI in April 2016 in IIT Bombay from Apr 25-29, 2015.
8. Partnerships with other Global SDOs/Forums – APT, ITU etc.

**15:15-15:30 Tea/Coffee Break****15:30-17:00 General Body Meeting (Session #2)**

9. Budget and proposed Membership fee structure for FY 2016-17
10. Membership Engagement
11. Any other matter with permission of the Chair
12. Concluding Remarks

**List of Members Present**

<b>S.No.</b>	<b>Name</b>	<b>Member Organization</b>
1	Prof. Abhay Karandikar	Vice-Chairman, TSDSI, Indian Institute of Technology Bombay
2	Mr. R K Pathak and Mr Subrat K Prusty	Department of Telecommunications (DoT)
3	Mr G Narendra Nath,	Government Nominated Member, TSDSI and DDG (Security), DoT
4	Mr Sandeep Gupta	Member, TSDSI GC, Bharti Airtel Ltd.
5	Mr Neeraj Dindore, Mr Vijay Madan, Mr Anuj Ashokan	Tata Teleservices
6	Mr Hardeep Saini and Dr Vinosh James	Qualcomm India Private Limited
7	Mr Sundar Srinivasan and Dr Punit Rathod	Intel Mobile Communication (IMC) India Pvt. Ltd
8	Antony Franklin	Indian Institute of Tecnology Hyderabad
9	Mr. Ashwani Kumar	Ericsson India Pvt. Ltd.
10	Mr Vipin Sharma	NEC India Pvt. Ltd.
11	Prof Rekha Jain	IITCOE, IIM Ahmedabad
12	Mr Sandeep Agrawal	Tata Consultancy Service Ltd.
13	Mr Gupteswar Majhi	CDOT
14	Mr Ashok Sud	AUSPI
15	Niranth Amogh	Huawei Telecommunication (india) Co. Pvt. Ltd
16	Mr Rajesh Kapoor and Mr Rahul Kumar	TCIL
17	Mr Amit Marwaha and Mr Rishi Raj Sharma	Nokia Solutions and Networks India Pvt. Ltd.
18	Jishnu Aravindakshan	Tejas Networks
19	Mr Dinesh Chand Sharma	Guest Observer, ETSI
20	Ms Bindoo Srivastava, Ms Jayeeta Saha, Mr Aaditya Shukla, Mr Harsh Arora and Mr Lalit Bhandari	TSDSI Secretariat



**List of Members Absent**

	<b>Member Organization</b>
1	Apple India Pvt. Ltd.
2	Bharat Sanchar Nigam Ltd.(BSNL)
3	Broadcom Semiconductor India Pvt. Ltd.
4	Centre for Development of Advanced Computing (CDAC)
5	Centre of Excellence in Wireless Technologies (CEWiT)
6	CISCO
7	Comviva Technologies Ltd.
8	IIT Kanpur
9	IIT Madras
10	IIT Mandi
11	Microsoft Corporation India Pvt. Ltd.
12	Railtel Corporation of India
13	Reliance JIO Infocomm Ltd.
14	Samsung India Electronics Pvt. Ltd.
15	Symbiosis Institute of Technology Management (SITM)
16	Vodafone India Ltd.
17	Rohde & Schwarz India Pvt. Ltd.
18	Saankhya Labs

**TSDSI GBM Action Item Tracker– status as on 19<sup>th</sup> November, 2015**

Basis: 2<sup>nd</sup> General Body Meeting of TSDSI held on 18<sup>th</sup> May, 2015 at Lecture Room #1, India International Centre Annexe, 40 Max Mueller Marg, New Delhi 110003.

Topic	Action Item Source Meeting	Action Item No.	Action	Action by	Status as on 19 <sup>th</sup> November, 2015
Finances	2nd GBM – Item 3	GBM-2-Task-01	Recommendations on 3GPP membership fee to be paid for Individual Membership by TSDSI member organizations	GC SC on Budget and Finance	<ul style="list-style-type: none"> <li>● No IM fees is required to be paid by TSDSI members who became members in the Calendar year 2015.</li> <li>● Committee is finalizing recommendations for the next Calendar year</li> </ul>
	2nd GBM – Item 4	GBM-2-Task-02	Arrange a discussion of the Auditor with the GC SC on Finance and Budget	Secretariat	<ul style="list-style-type: none"> <li>● Clarifications have been obtained from Auditor on the Financial Statements for FY 2014-15.</li> </ul>
Technical Leadership positions	2nd GBM - Item 6	GBM 2-Task-03	Hold fresh elections for the posts of SG2 Chair, Vice chair and SG3WG1 Vice Chair positions.	Secretariat	<ul style="list-style-type: none"> <li>● Elections were conducted in July 2015 for these posts.</li> </ul>