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| itu_logo | **国 际 电 信 联 盟****电信标准化局** |  |
|  |  |  |
|  | 2017年8月16日，日内瓦 |
| 文号： | **电信标准化局第39号通函** | **致：**- 国际电联各成员国主管部门；- ITU-T部门成员；- ITU-T部门准成员；- 国际电联学术成员 |
| 联系人： | **Vijay Mauree** |
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| 电话： | +41 22 730 6828 |

 | +41 22 730 5591 |
| 传真： | +41 22 730 5853 |
| 电子邮件： | vijay.mauree@itu.int | **抄送：**- ITU-T各研究组正副主席；- 电信发展局主任；- 无线电通信局主任；- 国际电联各区域代表处主任 |
| 事由： | **创建一个新的****包括数字法定货币在内的数字货币焦点组（FG DFC）以及****FG DFC第一次会议和有关数字法定货币标准的讲习班，2017年10月12-13日，中国北京** |

尊敬的先生/女士：

1 我高兴地宣布，根据2017年5月1-4日在日内瓦召开的ITU-T电信标准化顾问组会议所达成的一致，[包括数字法定货币在内的ITU-T数字货币焦点组](https://www.itu.int/en/ITU-T/focusgroups/dfc/Pages/default.aspx)（FG DFC）现已成立。

2 FG DFC第一次会议订于2017年10月13日在中国社会科学院（CASS）世界经济与政治研究所（IWEP）（中国北京建国门内大街5号，邮编：100732）召开。FG DFC会议之前将于2017年10月12日在同一会址举办数字法定货币标准和普遍金融接入讲习班。讲习班由国际电联和中国社会科学院（CASS）世界经济与政治研究所（IWEP）联合举办，得到中国人民银行数字货币研究所、中国信息通信研究院以及数字法定货币研究所的大力支持。讲习班的日程草案和FG DFC会议的议程分别见**附件2和3**。

3 许多利益攸关方均在开展数字货币和中央银行发行的数字货币（数字法定货币（DFC））方面的研究和工作。采用不同技术和处于不同部署阶段的DFC实施已经开始，此焦点组的目的在于调查了解不同的平台及其特性。与以往几个世纪以来在金融包容性方面已经、并且继续发挥重要作用的纸质法定货币一样，数字法定货币亦必须实现一国所有公民的无障碍获取，只有这样，这种货币才能成为推进数字金融服务互操作性的动力。

4 如今，电信/ICT基础设施提供了最佳平台，可以帮助央行发行的数字货币实现此目标。数字法定货币将要求在ICT基础设施内打造更为有效、安全且无缝的互操作服务。此焦点组将与来自各行各业的利益攸关方一同合作，探讨DFC的需求，相关安全内容以及互操作性标准化。焦点组将根据ITU-T A.7建议书规定的程序开展工作。TSAG将作为主管组。已经达成一致的职责范围见**附件1**。

5 FG DFC向国际电联成员国、部门成员、部门准成员和学术机构开放，也欢迎来自国际电联成员国并愿做出贡献的个人参与，这包括相关标准制定组织、中央银行和Fintech业界参与方的成员或代表。

6 文武（David Wen）博士已同意出任电子货币焦点组主席。我相信，通过成立这一焦点组，ITU-T将满足成员的期望，并显示出解决需要决策者和市场参与者都急迫关注的重大问题的能力。

7 欢迎提供有关使用数字货币和数字法定货币案例方面的文稿，请特别着重于网络基础设施需求、安全特性及与其他支付系统基础设施之间的互操作性，等等。

8 此会议将提供远程与会服务。有关远程与会的进一步信息，见焦点组的网页：[https://www.itu.int/en/ITU-T/focusgroups/dfc/](https://www.itu.int/en/ITU-T/focusgroups/dfc/Pages/default.aspx)。

9 与会者注册将自2017年10月12日8时30分在会场开始。参加本次会议不收取任何注册费。

10 讨论仅以英文进行。

11 此次会议文件将公开提供。请您在文件起草过程中使用焦点组网页提供的模板。与会者须采用如下方式向FG-DFC秘书处提交电子版的输入文件：tsbfgdfc@itu.int。**此次会议的文件提交截止日期为2017年10月1日**。请注意，这是一次无纸会议。

12 请尽快**在2017年9月12日之前**通过填写以下网址的表格进行FG DFC会议和讲习班的注册：<https://www.itu.int/online/edrs/REGISTRATION/edrs.registration.form?_eventid=3000999>。**请注意，会议与会者的预注册仅以在线方式进行**。为向您提供有关会议规划的最新情况，请您在注册表上填写您的有效电邮地址。

13 可**向专家提供资助**。请注意，决定是否给予此项资助的标准包括但不限于以下内容：

a) 可用预算；

b) 最不发达国家或低收入发展中国家专家的参与
（<http://itu.int/en/ITU-T/info/Pages/resources.aspx>）；

c) 申请人的作用与活动是否与数字货币实施和金融包容性紧密相关；

d) 在焦点组职能领域是否拥有可证实的经验；

e) 申请人准备在会上演讲的书面文稿；

f) 国家和地区之间的公平分配；

g) 性别平衡。

国家监管机构和政府官员将享有参会优先权。专家资助申请（请使用**附件4**所附表格）必须在**2017年8月31日**之前通过电子邮件发至国际电联（**tsbfgdfc@itu.int**）。

14 谨在此提醒与会者，一些国家的公民需要获得签证才能入境中国并在此逗留。**签证申请必须尽快，最好在会议召开日的四（4）个星期前**向驻贵国的中国代表机构（使馆或领事馆）提出，如果贵国没有此类机构，则请向驻出发国最近国家的此类机构申请并领取。

15 所有用于办理签证的邀请函的申请，均须通过电子邮件发给田慧芳女士（tianhf@cass.org.cn），同时抄送tsbfgdfc@itu.int，标题注为**“签证邀请函”（“Letter of invitation for visa”）**，邮件应在**2017年9月14日截止日期**之前发出。**填妥的本函附件5中的表格亦应以附件形式随附电子邮件，说明申请签证人员的姓名和职务、出生日期、护照号码和签发日期及失效日期，同时还应附上所述ITU-T会议已经批准的注册确认通知的副本。**与会者需自行安排从机场到酒店的交通。

顺致敬意！

电信标准化局主任
李在摄

**附件：**5件

**ANNEX 1**

**Terms of reference of Focus Group Digital Currency including Digital Fiat Currency**

**1 Introduction**

The Focus Group will carry out an investigation of the digital fiat currency platforms, focusing on the platform features and characteristics, security challenges to prevent counterfeiting of currencies in digital form and overcome challenges of interoperability with other payment systems.

The ITU-T Focus Group on Digital Currency including Digital Fiat Currency will incorporate expertise and specialists from Central Banks, ICT regulatory authorities, financial institutions, financial service providers, security professionals, other standards bodies such as Global Platform and ISO, and academics to address the governance, ICT infrastructure support, and security aspects of Digital Fiat currency and its implication to further the fruit of Financial Inclusion efforts currently achieved through ICT projects and solutions. The focus group will analyze ICT solutions and projects in the area of infrastructure services regarding how a secure and interoperable digital instrument and their applications can enhance current financial inclusion solutions and projects in the area of regulatory compliance, security, protocols and processes that ITU-T study groups can standardize, and best practices that could facilitate the implementation of such solutions on a global scale.

This Focus Group will work primarily on Digital Fiat Currency and does not exclusively work on or endorse a single particular solution.

The Focus Group will study the network functionality necessary to support digital fiat currency including network security and protocol requirements as well as interoperability of digital fiat currency with other digital currencies.

**2 Objectives**

The main objectives of the Focus Group are to:

* Study the economic benefit and impact of introducing DFC over mobile money;
* Investigate the ecosystem of digital fiat currency implementation for financial inclusion;
* Map the functional network reference architecture and process components required to implement digital fiat currency and integration with existing payment systems for interoperability;
* Identify use cases, requirements and applications of digital fiat currency;
* Develop better understanding of the security, regulatory implications, consumer protection, fraud prevention and counterfeiting issues of DFS and how can digital fiat currency can address these concerns;
* Identify critical sovereign security, transparency and verifiability of DFC technology and provide guidelines towards the escrow of critical software and hardware components to ensure trust and verifiability; and
* Identify new areas for standardization in ITU-T study groups.

**3 Relationships**

This Focus Group will work in close collaboration with all ITU-T and ITU-D study groups, especially ITU-T
SG 17.

This Focus Group will collaborate with relevant entities, in accordance with Recommendation ITU-T A.7.

These entities include the following: financial institutions, telecommunications regulators, financial regulators, non-governmental organizations (NGOs), policy makers, SDOs, industry forums and consortia (such as ISO TC 68, W3C, etc.), payment systems networks, remittances companies, ICT companies, academic institutions, research institutions and other relevant organizations.

**4 Specific Tasks and deliverables**

The main tasks for the Focus Group will be to:

* Create a repository of documentation of the legal, regulatory and policy aspects of Digital Fiat Currency that serves as the governance foundation.
* Collect and document information on current initiatives from the stakeholders involved in digital fiat currency. This will involve developing use cases, requirements, and identifying exist standards related to digital financial services deployments across the world.
* Perform a gap analysis between the existing ICT infrastructure services and what is required by a seamless interoperable DFC solution.
* Perform a gap analysis on the work that was completed on DFS, the ongoing work in ISO TC 307, and other ongoing work in digital financial services.
* Collect best practices and lessons learned from existing efforts in achieving interoperability among different payment systems by the integration of traditional payment systems with digital fiat currency.
* Investigate use cases of architecture and ICT infrastructure used for implementation of digital fiat currency.
* Undertake an assessment of the benefits and lessons learned of implementations of existing digital fiat currency technology, focusing on the impact of digital fiat currency on enhancing security and interoperability in digital financial services to advance financial inclusion.
* Undertake an assessment of current security standards and best practices from other standards bodies and industry consortia that are applicable to the different components of an ICT infrastructure using digital fiat currency.
* Investigate current standardization work in digital fiat currency to identify areas which could be standardized in ITU-T.
* The Focus Group shall send its deliverables to the parent group, at least four calendar weeks before the parent group meeting.

The main deliverables of the Focus Group are as follows:

* Collect documentation that provides a reference foundation to the governance aspects of Digital Fiat Currency from the Central Bank and regulator perspective.
* Report on best practices and guidelines on policy and processes to ensure the sovereign security, transparency and verifiability of critical technology components.
* Report on the possible economic benefit and impact of DFC on mobile payment ecosystem.
* Develop definitions of terminologies and taxonomy for digital fiat currency and its ecosystem.
* Report on digital fiat currency ecosystem, describing the role and responsibilities of various stakeholders and uses cases for financial inclusion.
* Report on interoperability scenarios for digital fiat currency implementation.
* Develop a security architecture and reference model for implementation of digital fiat currency.
* Report on use cases for digital fiat currency and integration framework with existing payment systems for interoperability and consumer protection.
* Report on use cases for big data analytics in digital fiat currency implementation.
* Report on ICT security and governance reference model for digital fiat currency and assurance framework for compliance.
* Report on new areas for standardization in ITU-T study groups.
* Organize thematic workshops and events in order to collect inputs from various stakeholders.

**5 Parent group**

The parent group is TSAG.

**6 Leadership**

See clause 2.3 of Recommendation ITU-T A.7.

**7 Participation**

See clause 3 of Recommendation ITU-T A.7. A list of participants will be maintained for reference purposes and reported to the parent group. It is important to mention that the participation in this Focus Group has to be based on contributions and active participation.

**8 Administrative support**

See clause 5 of Recommendation ITU-T A.7.

**9 General financing**

See clauses 4 and 10.2 of Recommendation ITU-T A.7.

**10 Meetings**

The frequency and location of meetings will be determined by the Focus Group and the overall meetings plan will be announced as soon as possible. The Focus Group will use remote collaboration tools to the maximum extent, and collocation with existing meetings to the maximum extent. The meetings will be announced by electronic means (e.g., e-mail and website, etc.) at least four weeks in advance.

**11 Technical contributions**

Contributions are to be submitted at least twelve calendar days before the meeting takes place.

**12 Working language**

The working language is English.

**13 Approval of deliverables**

Approval of deliverables shall be taken by consensus.

**14 Working guidelines**

See clause 13 of Recommendation ITU-T A.7.

**15 Progress reports**

See clause 11 of Recommendation ITU-T A.7.

**16 Announcement of Focus Group formation**

The formation of the Focus Group will be announced via TSB Circular to all ITU membership, via the ITU-T Newslog and other means, including communication with the other involved organizations.

**17 Milestones and duration of the Focus Group**

The Focus Group lifetime is two years from the first meeting, but extensible by decision of the parent group if necessary.

The first meeting of the Focus Group is planned to be in the fourth quarter of 2017.

**18 Patent policy**

See clause 9 of Recommendation ITU-T A.7.

**ANNEX 2**

**Draft Programme of the First Workshop on Standards for Digital Fiat Currency (DFC) for
Universal Financial Access**

**October 12, 2017**

**Beijing, P. R. China**

 ****

**Organized by**

International Telecommunication Union (ITU)

Institute of World Economics and Politics,

Chinese Academy of Social Sciences (IWEP/CASS)

**Supported by**

Institute of Digital Money, the People’s Bank of China

Chinese Academy of Information and Communications Technology

Digital Fiat Currency Institute

|  |
| --- |
| **Workshop on Standards for Digital Fiat Currency (DFC) for Universal Financial Access****12 October 2017** |
| 09:30 – 10:30 | **Welcome Address*** ITU/TSB
* eCurrency

**Keynote Address*** Basic Components of Digital Fiat Currency – Mr Yao Qian, Institute of Digital Money, the People’s Bank of China
 |
| 10:30 – 10:45 | **Coffee Break** |

|  |  |
| --- | --- |
| 10:45 – 12:00 | **SESSION 1: Policy and Regulatory Landscape**The aim of this session is to explore the interoperability, policy and regulatory challenges facing stakeholders in the digital fiat currency ecosystem. The session will be a panel discussion and will provide an opportunity for different stakeholder groups to share their perspectives on the policy and regulatory challenges and possible measures for consideration at the international level. |
| 12:00 – 13:15 | **SESSION 2: Regional Spotlight: The Chinese Experience for Digital Financial Access**A dedicated session from experts, researchers and practitioners to share the success story of China’s mobile and digital financial service advances in the past few years. Hosted by the Chinese Academy of Social Sciences. |
| 13:15 – 14:15 | **Lunch** |
| 14:15 – 15:30 | **SESSION 3: DFC Application in Developed and Developing Economy**This session will discuss how DFC can have advantageous macro economic impact for developed economy, and can improve the compliance, interoperability as well as security of Digital Financial Services in developing countries.Panel Moderator“The DFC deployment race: who will deploy DFC first, developed economy or developing economy?” Mr Vijay Chugh, Former Chief General Manager of RBI. Panelist will be expert from countries that have started experimenting DFC as well as experts in DFC solution.  |
| 15:30 – 15:45 | **Coffee Break** |
| 15:45 – 17:00 | **SESSION 4: Security Issues in Digital Financial Services**This session will consider the main security issues facing central banks in digital fiat currency. The session will also discuss technical measures and standards that can be implemented to address these issues and to ensure the security of financial transactions. |
| 17:00 – 18:15 | **SESSION 5: Architecture of DFC for Interoperability**This session will discuss the reference architecture of DFC with respect to the issuance, distribution at the various levelsThis session will also discuss the various interfaces for DFC to be distributed over the existing financial and non-financial services. |
| 18:15 – 19:15 | **Networking Reception** |

**ANNEX 3**

**Draft Agenda for the FG DFC Meeting**

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| **13 October 2017** |
| 08:30 – 09:30 | **Registration**  |
| 09:30 – 10:30 | **Opening plenary session*** Welcome remarks
* ITU/TSB
* Focus Group Chairman
* Focus Group rules, mailing list and ITU IPR policy
* FG DFC Terms of Reference
 |
| 10:30 – 10:45 | **Coffee Break**  |
| 10:45 – 12:30 | **Focus Group structure** * Discussion on Focus Group structure
	+ Working Groups mapping to FG DFC terms of reference and deliverables
* FG DFC Management Team and Working Group leadership
* Briefing on Working Group meetings in the afternoon
 |
| 12:30 – 14:00 | **Lunch** |
| 14:00 – 16:00 | **Working Group Meetings (in parallel)** |
| 16:00 – 16:15 | **Coffee Break** |
| 16:15 – 17:30 | **Working Group Meetings (in parallel)** |
| 17:30 – 18:30 | **Closing** **Plenary*** Fireside Chat: A conversation with Klaus Loeber, Bank for International Settlements (BIS)
	+ An update on BIS/CPMI Digital Currency Working Group (BIS perspective) – Klaus Loeber, CPMI
* Closing panel: report-outs from Working Groups
 |

**ANNEX 4**

**FUNDING REQUEST FOR EXPERTS**

|  |  |  |
| --- | --- | --- |
|  | **ITU-T Focus Group Digital Currency including Digital Fiat Currency (FG DFC)****12-13 October 2017, Auditorium and Conference Room in CASS,****Beijing, China** |  |
| **Please return to:** | **ITU, Geneva (Switzerland)** | **E-mail :** **tsbfgdfc@itu.int** |
| **Request for funding to be submitted before 31 August 2017** |
| **Note: All fields on the form should be completed**Registration Confirmation ID No.: …….………………. (obtained after online registration)**Country:** **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_****Name of the Administration/Organization/Company:** **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_****Title (Mr / Ms) \_\_\_\_\_\_\_\_\_\_\_\_\_ (family name) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_****(given name) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** |
| **Address: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_****\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_****Tel.: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ E-mail: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_****PASSPORT INFORMATION :****Date of birth: \_\_\_\_\_\_\_\_\_\_\_\_\_ Passport number: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Nationality: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** **Valid until (date): \_\_\_\_\_\_\_\_\_\_\_\_\_ Date of issue: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Place issued: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** |
| **Please state your competence and experience in digital currency or digital fiat currency implementation :** |
| **NOTE:** Applications for funding should be accompanied by a formal letter on your organization’s letterhead confirming your nomination to participate in the FG DFC meeting and a scanned copy of your passport. The letter should be signed by the Head of the organization and bear the official seal/stamp of the organization. Your application will be rejected if the letter confirming your nomination is not provided before the deadline.  |
| **Signature of candidate:** | **Date:** |

**ANNEX 5**

**LETTER OF INVITATION FOR VISA REQUEST**

**(Deadline for sending is 14 September 2017)**

*[Note: Visa approval might take time. Please send your request as soon as possible]*

Please use **CAPITAL** letters.

|  |  |
| --- | --- |
| Surname & first name(s): |   |
| Gender: |  |
| Position: |   |
| Organization: |   |
| Address: |  |
| Telephone: |  |
| Fax: |  |
| Nationality: |  |
| Passport number: |  |
| Date of issue: |  |
| Place of issue: |  |
| Date of expiry: |  |
| Country & city where you will obtain the visa: |  |
| Date of birth: |  |
| Place of birth: |  |
| Date of arrival: |  |
| Date of departure: |  |

***Please return this form together with a scanned copy of your national passport and
a copy of the ITU e-mail confirming your registration for the meeting to:******Huifang Tian, Institute of World Economics and Politics (IWEP), Chinese Academy of Social Sciences (CASS)***

**E-mail:**tianhf@cass.org.cn with CC to tsbfgdfc@itu.int

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