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**Contact/focal points:**

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**Resolution 60 proposals side-by-side**

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| **PROPOSAL 1 (MOD,** [**WTSA C-037\_APT\_Add12**](https://www.itu.int/dms_pub/itu-t/md/17/wtsa.20/c/T17-WTSA.20-C-0037!A12!MSW-E.docx)**) (APT)** | **PROPOSAL 2 (MOD,** [**WTSA C-035 ATU Add14**](https://www.itu.int/dms_pub/itu-t/md/17/wtsa.20/c/T17-WTSA.20-C-0035!A14!MSW-E.docx)**) (ATU)** | **PROPOSAL 3 (MOD**[**, WTSA C-038\_ECP\_Add22**](https://www.itu.int/dms_pub/itu-t/md/17/wtsa.20/c/T17-WTSA.20-C-0038!A22!MSW-E.docx)**) (CEPT)** | **Proposal 4 (MOD,**[**WTSA-C-039\_IAP\_Add31**](https://www.itu.int/dms_pub/itu-t/md/17/wtsa.20/c/T17-WTSA.20-C-0039!A31!MSW-E.docx)**) (CITEL)** |
| MOD APT/37A12/1**#90**  RESOLUTION 60 (Rev. Geneva, 2022)  Responding to the challenges of the evolution of the identification/numbering system and its convergence with IP-based systems/networks  (Johannesburg, 2008; Dubai, 2012; Geneva, 2022)  The World Telecommunication Standardization Assembly (Geneva, 2022),  recognizing  *a)* Resolution 133 (Rev. Dubai, 2018) of the Plenipotentiary Conference, with regard to the continuing progress towards integration of telecommunications and the Internet;  *b)* Resolutions 101 and 102 (Rev. Dubai, 2018) of the Plenipotentiary Conference;  *c)* the evolving role of the World Telecommunication Standardization Assembly, as reflected in Resolution 122 (Rev. Guadalajara, 2010) of the Plenipotentiary Conference,  noting  *a)* the work in Study Group 2 of the ITU Telecommunication Standardization Sector (ITU‑T), on investigating the evolutionary aspect of the identification/numbering system, including the "future of numbering", considering next-generation networks evolution (NGNe) and networks beyond IMT-2020 as the working environment of the identification/numbering system in the future;  *b)* the work in Study Group 13 of ITU-T, on investigating the upcoming network technologies for networks beyond IMT-2020, with Information Centric Networking (ICN) being considered as a potential networking scheme;  *c)* that the transition from traditional networks to IP-based networks is taking place at a fast pace, whilst there is a transition to NGNe and networks beyond IMT-2020;  *d)* the emerging issues concerning administrative control for international telecommunication service-based numbers;  *e)* the forthcoming issues concerning the convergence of numbering, naming, addressing and identification systems along with the development of NGNe and networks beyond IMT-2020, and associated issues concerning security, signalling, protocol, portability and migration;  *f)* the growing demand for identification/numbering resources for communications referred to as Internet of things (IoT);  *g)* the need for principles and a roadmap for the evolution of international telecommunication resources, which would be expected to help the timely, predictable deployment of advanced identification/numbering technologies,  resolves to instruct ITU-T Study Group 2, within the mandate of ITU‑T  1 to continue studying, in liaison with the other relevant study groups, the necessary requirements for the structure and maintenance of telecommunication identification/numbering resources in relation to the deployment of IP-based networks and the transition to NGNe and networks beyond IMT-2020;  2 to ensure the development of the administrative requirements for identification/numbering resource management systems in NGNe and networks beyond IMT-2020;  3 to continue developing guidelines, as well as a framework, for the evolution of the international telecommunication identification/numbering system and its convergence with IP-based systems, in coordination with related study groups and associated regional groups, so that a basis for any new application can be provided;  4 to study the role of new technologies related to the evolution of the identification/numbering system;  5 to promote the coordination and cooperation on identification/numbering in various study groups of ITU-T, and with other standards development organizations (SDOs),  instructs relevant study groups, and in particular ITU-T Study Group 13  to support the work of Study Group 2, to ensure that such applications are based on appropriate guidelines, as well as a framework, for the evolution of the international telecommunication identification/numbering system, and to help investigate their impact on the identification/numbering system in the aspects of requirements, architecture, signalling, and protocol of network, especially for NGNe and networks beyond IMT-2020,  instructs the Director of the Telecommunication Standardization Bureau  to take appropriate action to facilitate the foregoing work regarding the evolution of the identification/numbering system or its converged applications,  invites Member States and Sector Members  1 to contribute to these activities, taking into consideration their national concerns and experiences;  2 to participate in and to contribute to regional groups discussing the identification/numbering issues and to promote the participation of developing countries in those discussions. | MOD AFCP/35A14/1**#112**  RESOLUTION 60 (Rev. Geneva, 2022)  Responding to the challenges of the evolution of the identification/numbering system and its convergence with IP-based systems/networks  (Johannesburg, 2008; Dubai, 2012; Geneva, 2022)  The World Telecommunication Standardization Assembly (Geneva, 2022),  recognizing  *a)* Resolution 133 (Rev. Dubai, 2018) of the Plenipotentiary Conference, with regard to the continuing progress towards integration of telecommunications and the Internet;  *b)* Resolutions 101 and 102 (Rev. Dubai, 2018) of the Plenipotentiary Conference;  *c)* the evolving role of the World Telecommunication Standardization Assembly, as reflected in Resolution 122 (Rev. Guadalajara, 2010) of the Plenipotentiary Conference,  noting  *a)* the work in Study Group 2 of the ITU Telecommunication Standardization Sector (ITU‑T), on investigating the evolutionary aspect of the numbering system, including the "future of numbering", considering next-generation networks (NGN) and future networks (FN) as the working environment of the numbering system in the future;  *b)* that the transition from traditional networks to IP-based networks is taking place at a fast pace, whilst there is a transition to NGN and FN;  *c)* the emerging issues concerning administrative control for international telecommunication service-based numbers;  *d)* the forthcoming issues concerning the convergence of numbering, naming, addressing and identification systems along with the development of NGN and FNs, and associated issues concerning security, signalling, portability and migration;  *e)* the growing demand for numbering/identification resources for communications referred to as machine-to-machine (M2M);  *f)* the need for principles and a roadmap for the evolution of international telecommunication resources, which would be expected to help the timely, predictable deployment of advanced identification technologies,  resolves to instruct ITU-T Study Group 2, within the mandate of ITU‑T  1 to continue studying, in liaison with the other relevant study groups, the necessary requirements for the structure and maintenance of telecommunication identification/numbering resources in relation to the deployment of IP-based networks and the transition to NGN and FN;  2 to ensure the development of the administrative requirements for identification/numbering resource management systems in NGN and FN;  3 to continue developing guidelines, as well as a framework, for the evolution of the international telecommunication numbering system and its convergence with IP-based systems, in coordination with related study groups and associated regional groups, so that a basis for any new application can be provided,  instructs relevant study groups, and in particular ITU-T Study Group 13  to support the work of Study Group 2, to ensure that such applications are based on appropriate guidelines, as well as a framework, for the evolution of the international telecommunication numbering/identification system, and to help investigate their impact on the numbering/identification system,  instructs the Director of the Telecommunication Standardization Bureau  1 to take appropriate action to facilitate the foregoing work regarding the evolution of the numbering/identification system or its converged applications;  2 to create a repository of challenges and experiences in relation to this Resolution,  invites Member States and Sector Members  1 to contribute to these activities, taking into consideration their national concerns and experiences;  2 to participate in and to contribute to regional groups discussing the issue and to promote the participation of developing countries in those discussions;  3 to submit challenges and experiences in relation to this Resolution to the repository.  4 to share their experiences and challenges relating to this Resolution. | MOD EUR/38A22/1**#28**  RESOLUTION 60 (Rev. Geneva, 2022)  Responding to the challenges of the evolution of the identification/numbering system and its convergence with emerging telecommunications/ICTs and services  (Johannesburg, 2008; Dubai, 2012;Geneva, 2022)  The World Telecommunication Standardization Assembly (Geneva, 2022),  recognizing  *a)* Resolution 133 (Rev. Guadalajara, 2010) of the Plenipotentiary Conference, with regard to the continuing progress towards integration of telecommunications and the Internet;  *b)* Resolutions 101 and 102 (Rev. Guadalajara, 2010) of the Plenipotentiary Conference;  *c)* the evolving role of the World Telecommunication Standardization Assembly, as reflected in Resolution 122 (Rev. Guadalajara, 2010) of the Plenipotentiary Conference,  noting  *a)* the work in Study Group 2 of the ITU Telecommunication Standardization Sector (ITU‑T), on investigating the evolutionary aspect of the naming, numbering, addressing and identification resources, including their "future use" in relation to emerging telecommunications/ICTs and services as the working environment of the numbering system in the future;  *b)* that the transition from traditional networks to IP-based networks is taking place at a fast pace, whilst there is a transition to FN;  *c)* the emerging issues concerning administrative control for international telecommunication service-based numbering, naming, addressing and identification resources;  *d)* the forthcoming issues concerning the convergence of numbering, naming, addressing and identification systems along with the development of FNs, and associated issues concerning security, signalling, portability and migration;  *e)* the growing demand for numbering/identification resources for telecommunications/ICTs and relevant services;  *f)* the need for principles and a roadmap for the evolution of international telecommunication resources, which would be expected to help the timely, predictable deployment of advanced identification technologies,  resolves to instruct ITU-T Study Group 2, within the mandate of ITU‑T  1 to continue studying, in liaison with the other relevant study groups, the necessary requirements for the structure and maintenance of telecommunication numbering, naming, addressing and identification resources in relation to the deployment of future telecommunications/ICTs including IP-based networks;  2 to ensure the continued development of the administrative requirements for the use of existing numbering, naming, addressing and identification resources management systems;  3 to continue developing guidelines, as well as a framework, for the evolution of the international telecommunication numbering, naming, addressing and identification systems and its convergence with IP-based systems and use for emerging telecommunications/ICTs and services, in coordination with related study groups and associated regional groups, so that a basis for any new application can be provided,  instructs relevant study groups, and in particular ITU-T Study Group 13  to support the work of Study Group 2, to ensure that such applications are based on appropriate guidelines, as well as a framework, for the evolution of the international telecommunication numbering/identification system to meet the needs of emerging telecommunications/ICTs and services to help investigate their impact on the numbering/identification system,  instructs the Director of the Telecommunication Standardization Bureau  to take appropriate action to facilitate the foregoing work regarding the evolution of the numbering/identification system or its converged applications,  invites Member States and Sector Members  1 to contribute to these activities, taking into consideration their national concerns and experiences;  2 to participate in and to contribute to regional groups discussing the issue and to promote the participation of developing countries in those discussions. | MOD IAP/39A31/1**#94**  RESOLUTION 60 (Rev. Geneva, 2022)  Responding to the challenges of the evolution of the international numbering, naming, addressing and identification systems  (Johannesburg, 2008; Dubai, 2012; Geneva, 2022)  The World Telecommunication Standardization Assembly (Geneva, 2022),  recognizing  *a)* Resolution 133 (Rev. Guadalajara, 2010) of the Plenipotentiary Conference, with regard to the continuing progress towards integration of telecommunications and the Internet;  *b)* Resolutions 101 and 102 (Rev. Guadalajara, 2010) of the Plenipotentiary Conference;  *c)* the evolving role of the World Telecommunication Standardization Assembly, as reflected in Resolution 122 (Rev. Guadalajara, 2010) of the Plenipotentiary Conference,  noting  *a)* the work in Study Group 2 of the ITU Telecommunication Standardization Sector (ITU‑T), on investigating the evolutionary aspect of the international telecommunications numbering, naming, addressing and identification systems, including the "future of numbering" and future networks as the working environment of the numbering system in the future;  *b)* the emerging issues concerning administrative control for international telecommunication service-based numbering, naming, addressing and identification systems;  *c)* the forthcoming issues concerning international telecommunication numbering, naming, addressing and identification systems along with the development of future networks, and associated issues concerning security, signalling, portability and migration;  *d)* the growing demand for international numbering, naming, addressing and identification resources for ICTs and telecommunications;  *e)* the need for principles and a roadmap for the evolution of international telecommunication resources, which would be expected to help the timely, predictable deployment of advanced identification technologies,  resolves to instruct ITU-T Study Group 2, within the mandate of ITU‑T  1 to continue studying, in liaison with the other relevant study groups, the necessary requirements for the structure and maintenance of international telecommunication numbering, naming, addressing and identification resources in relation to the deployment of future networks;  2 to ensure the development of the administrative requirements for international numbering, naming, addressing and identification resource management systems;  3 to continue developing guidelines, as well as a framework, for the evolution of the international telecommunication numbering, naming, addressing and identification systems, in coordination with related study groups and associated regional groups, so that a basis for any new application can be provided,  instructs relevant study groups, and in particular ITU-T Study Group 13  to support the work of Study Group 2, to ensure that such applications are based on appropriate guidelines, as well as a framework, for the evolution of the international telecommunication numbering/identification system, and to help investigate their impact on the numbering/identification system,  instructs the Director of the Telecommunication Standardization Bureau  to take appropriate action to facilitate the foregoing work regarding the evolution of the international telecommunication numbering, naming, addressing and identification system and its applications,  invites Member States and Sector Members  1 to contribute to these activities, taking into consideration their national concerns and experiences;  2 to participate in and to contribute to regional groups discussing the issue and to promote the participation of developing countries in those discussions. |

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