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| ITU Member States, Members of the RCC |
| draft revision of Resolution 29 - Alternative calling procedures on international telecommunication networks |

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| **Abstract:** | This contribution proposes the modification of Resolution 29 with a view to the carrying out of studies on the call-back methods and procedures in use, which can result in a serious degradation in network and communication quality and performance, particularly in fourth- and next-generation networks. |

Introduction

The use by administrations and telecommunication operators of call-back methods and procedures, which can result in a serious degradation in network and communication quality and performance, is making it increasingly imperative to study the negative consequences of such use for fourth- and next-generation networks.

Proposal

It is proposed that modifications and additions be made to the *recalling*, *considering* and *resolves* parts, and that modifications be made to the *instructs the Director of the Telecommunication Standardization Bureau* part, as indicated below.

MOD RCC/47A15/1

RESOLUTION 29 (REV. HAMMAMET, 2016)

Alternative calling procedures on international telecommunication networks

(Geneva, 1996; Montreal, 2000; Florianópolis, 2004; Johannesburg, 2008; Dubai, 2012; Hammamet, 2016)

The World Telecommunication Standardization Assembly (Hammamet, 2016),

recalling

*a)* Resolution 1099, adopted by the Council at its 1996 session, concerning alternative calling procedures on international telecommunication networks, which urged the ITU Telecommunication Standardization Sector (ITU‑T) to develop, as soon as possible, the appropriate Recommendations concerning alternative calling procedures;

*b)* Resolution 22 (Rev. Dubai, 2014) of the World Telecommunication Development Conference, in particular its *resolves* 1, 2, 3 and 4;

*c)* Resolution 21 (Rev. Busan, 2014) of the Plenipotentiary Conference, on alternative calling procedures on telecommunication networks, in particular its *resolves* 1, 2 and 3;

*d)* Resolution 65 (Rev. Hammamet, 2016) of this conference, on calling party number delivery, calling line identification and origin identification,

recognizing

*a)* that call-back, refiling, non-identification[[1]](#footnote-1)1 and other alternative calling procedures, which may be potentially harmful, are not permitted in many countries and permitted in some others;

*b)* that call-back, inappropriate hubbing, refiling, non-identification and other alternative calling procedures, which may be potentially harmful, offer alternative calling procedures which may be attractive for users;

*c)* that call-back, inappropriate hubbing, refiling, non-identification and other alternative calling procedures, which may be potentially harmful and may impact the revenue of telecommunication operators/operating agencies authorized by Member States, which may seriously hamper, in particular, the efforts of developing countries[[2]](#footnote-2)2, for the sound development of their telecommunication networks and services;

*d)* that distortions in traffic patterns resulting from call-back, inappropriate hubbing, refiling, non-identification and other alternative calling procedures, which may be potentially harmful, may impact traffic management and network planning;

*e)* that some forms of call-back seriously degrade the performance and quality of the public switched telephone network (PSTN),

considering

*a)* the results of the ITU workshop on alternative calling procedures and origin identification held in Geneva on 19-20 March 2012;

*b)* the ITU workshop on "caller ID spoofing" held by Study Group 2 of the ITU Telecommunication Standardization Sector (ITU-T) in Geneva on 2 June 2014,

reaffirming

*a)* that it is the sovereign right of each country to regulate its telecommunications and as such it may permit, prohibit or otherwise regulate call-back, refiling or matters related to caller identification in its territory;

*b)* that the ITU Constitution, in its Preamble, gave regard to "the growing importance of telecommunication for the preservation of peace and the economic and social development of all States", and that Member States agreed in the Constitution with "the object of facilitating peaceful relations, international cooperation among peoples and economic and social development by means of efficient telecommunication services",

noting

that in order to minimize the effect of alternative calling procedures:

i) telecommunication operators/operating agencies authorized by Member States should, within their national law, make every effort to establish the level of collection charges on a cost-oriented basis, taking into account Article 6.1.1 of the International Telecommunication Regulations and Recommendation ITU‑T D.5;

ii) administrations and telecommunication operators/operating agencies authorized by Member States should vigorously pursue the implementation of Recommendation ITU‑T D.140 and the principle of cost-oriented accounting rates and accounting-rate shares,

resolves

1 that administrations and telecommunication operators/operating agencies authorized by Member States should take, to the furthest extent practicable, all measures to suspend the methods and practices of call-back which seriously degrade the quality and the performance of the PSTN, such as constant calling (or bombardment or polling) and answer suppression;

2 that administrations and telecommunication operators/operating agencies authorized by Member States should take a cooperative approach to respecting the national sovereignty of others, and suggested guidelines for this collaboration are attached;

3 to continue developing appropriate Recommendations concerning alternative calling procedures and, in particular, the technical aspects of the methods and practices of call-back which seriously degrade the quality and the performance of the PSTN, such as constant calling (or bombardment or polling) and answer suppression;

4 to instruct ITU-T Study Group 2 to study other aspects and forms of alternative calling procedures, including refiling and non-identification, and service definition and requirements for hubbing;

5 to instruct ITU-T Study Group 3 to study the economic effects of call-back, refiling and inappropriate hubbing and other forms of alternative calling procedures, as well as origin non-identification or spoofing, on the effort of developing countries for sound development of their local telecommunication networks and services, and to evaluate in cooperation with Study Group 2 the effectiveness of the suggested guidelines on call-back;

6 to instruct ITU-T Study Group 17 to carry out further studies on emerging issues covered by this resolution, including fourth- and next-generation networks,

instructs the Director of the Telecommunication Standardization Bureau

to continue to cooperate with the Director of the Telecommunication Development Bureau in order to implement the relevant provisions from the *instructs the Director of the Telecommunication Standardization Bureau and the Director of the Telecommunication Development Bureau* part of Resolution 21 (Rev. Busan, 2014), on alternative calling procedures on telecommunication networks, and to facilitate the participation of developing countries in these studies and to make use of the results of the studies, and in the implementation of this resolution.

Attachment
(to Resolution 29)

Suggested guidelines for administrations and telecommunication operators/operating agencies authorized by Member States for consultation on call-back

In the interest of global development of international telecommunications, it is desirable for administrations and operating agencies authorized by Member States to cooperate with others and to take a collaborative approach. Any cooperation and any subsequent actions would have to take account of the constraints of national laws. The following guidelines are recommended to be applied in country X (the location of the call-back user) and country Y (the location of the call-back provider) regarding call-back. When call-back traffic is destined to a country other than countries X or Y, the sovereignty and the regulatory status of the destination country should be respected.

| Country X (location of call-back user) | Country Y (location of call-back provider) |
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| A generally collaborative and reasonable approach is desirable | A generally collaborative and reasonable approach is desirable |
| Administration X, wishing to restrict or prohibit call‑back, should establish a clear policy position |  |
| Administration X should make known its national position | Administration Y should bring this information to the attention of operating agencies authorized by Member States and call-back providers in its territory using whatever official means are available |
| Administration X should instruct operating agencies authorized by Member States operating in its territory as to the policy position, and those operating agencies authorized by Member States should take steps to ensure that their international operating agreements comply with that position | Operating agencies authorized by Member States in Y should cooperate in considering any necessary modifications to international operating agreements |

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| Country X (location of call-back user) | Country Y (location of call-back provider) |
|  | Administration Y and/or operating agencies authorized by Member States in Y should seek to ensure that call-back providers establishing an operation in their territory are aware that:*a)* call-back should not be provided in a country where it is expressly prohibited, and*b)* the call-back configuration must be of a type which will not degrade the quality and performance of the international PSTN |
| Administration X should take all reasonable steps within its jurisdiction and responsibility to stop the offering and/or usage of call-back in its territory which is:*a)* prohibited; and/or*b)* harmful to the network.Operating agencies authorized by Member States in country X will cooperate in the implementation of such steps. | Administration Y and operating agencies authorized by Member States in Y should take all reasonable measures to stop call-back providers in its territory offering call-back:*a)* in other countries where it is prohibited; and/or*b)* which is harmful to the networks involved. |
| NOTE – For relations between countries who regard call-back as an "international telecommunication service" as defined in the International Telecommunication Regulations, bilateral operating agreements should be required between the operating agencies authorized by Member States concerned as to the conditions under which call-back will be operated. |

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1. 1 The lack of sufficient information to allow identification of the origin of the call. [↑](#footnote-ref-1)
2. 2 These include the least developed countries, small island developing states, landlocked developing countries and countries with economies in transition. [↑](#footnote-ref-2)