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| **World Radiocommunication Conference (WRC-15)Geneva, 2–27 November 2015** |  |
| **INTERNATIONAL TELECOMMUNICATION UNION** |  |
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| PLENARY MEETING | **Addendum 8 toDocument 130-E** |
|  | **16 October 2015** |
|  | **Original: English** |
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| Angola (Republic of)/Botswana (Republic of)/Lesotho (Kingdom of)/Madagascar (Republic of)/Malawi/Mauritius (Republic of)/Mozambique (Republic of)/Namibia (Republic of)/Democratic Republic of the Congo/Seychelles (Republic of)/South Africa (Republic of)/Swaziland (Kingdom of)/Tanzania (United Republic of)/Zambia (Republic of)/Zimbabwe (Republic of) |
| Proposals for the work of the conference |
|  |
| Agenda item 1.8 |

1.8 to review the provisions relating to earth stations located on board vessels (ESVs), based on studies conducted in accordance with Resolution **909 (WRC‑12)**;

Introduction

WRC-15 agenda item 1.8 calls for a review of the existing provisions relating to ESVs, based on studies conducted in accordance with Resolution 909 (WRC-12). In particular, it considers the need to review and possibly revise Resolution 902 (WRC-03) to reflect current ESV technologies and technical characteristics that are being used or planned to be used, while ensuring the continued protection of other services to which the frequency bands 5 925-6 425 MHz and 14-14.5 GHz are allocated.

The frequency ranges 5 925-6 425 MHz and 14-14.5 GHz are used mainly for the provision of fixed services within the Southern African Development Community (SADC) Member States. In particular, the above mentioned frequency ranges are utilized for backbone applications as part of the terrestrial infrastructure. It is important that current and future terrestrial services are protected, in particular those deployed in the coastal countries.

Proposal

The SADC Member States support Method A of the CPM Report, which proposes no change to the Radio Regulations. Furthermore, SADC Member States propose the suppression of Resolution 909 (WRC-12).

**Reasons:** Terrestrial services within the frequency ranges 5 925-6 425 MHz and 14-14.5 GHz have not experienced harmful interference from ESVs due to the regulatory provisions and technical limitations established at the World Radiocommunication Conference 2003 (WRC-03). The fact that ESV technology has evolved does not necessarily imply that all new vessels are equipped with this new technology. Therefore, SADC Member States do not support any reduction in antenna size and reduction of distance between the vessels and shore as this may adversely impact the deployment of terrestrial services. Furthermore, SADC Member States are of the view that the monitoring of different e.i.r.p values will place an undue administrative burden on the coastal entities responsible for monitoring.

SUP AGL/BOT/LSO/MDG/MWI/MAU/MOZ/NMB/COD/SEY/AFS/SWZ/TZA/ZMB/
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RESOLUTION 909 (WRC‑12)

Provisions relating to earth stations located on board vessels
which operate in fixed-satellite service networks
in the uplink bands 5 925-6 425 MHz and 14-14.5 GHz

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