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| **World Radiocommunication Conference (WRC-15)Geneva, 2–27 November 2015** |  |
| **INTERNATIONAL TELECOMMUNICATION UNION** |  |
|  |  |
| PLENARY MEETING | **Addendum 18 toDocument 28-E** |
|  | **16 September 2015** |
|  | **Original: English** |
|  |
| African Common Proposals |
| Proposals for the work of the conference |
|  |
| Agenda item 1.18 |

1.18 to consider a primary allocation to the radiolocation service for automotive applications in the 77.5-78.0 GHz frequency band in accordance with Resolution **654 (WRC‑12)**;

ARTICLE 5

Frequency allocations

Section IV – Table of Frequency Allocations
(See No. 2.1)

MOD AFCP/28A18/1

66-81 GHz

|  |
| --- |
| Allocation to services |
| Region 1 | Region 2 | Region 3 |
| 77.5-78 AMATEUR AMATEUR-SATELLITE RADIOLOCATION ADD 5.A118 Radio astronomy Space research (space-to-Earth) 5.149 |

ADD AFCP/28A18/2

5.A118 The use of the 77.5-78 GHz frequency band by the radiolocation service is limited to automotive applications. [The characteristics of the automotive radars are given in Recommendation ITU‑R M.2057.]

**Reasons:**

1) Studies show that sharing is feasible.

2) Expanding the use of the band to applications other than short-range automotive radars is out of scope of the agenda item.

3) No studies have been conducted on other RLS applications other than automotive applications.

NOTE – This proposal only applies to frequency range 77.5-78 MHz.

SUP AFCP/28A18/3

RESOLUTION 654 (WRC‑12)

Allocation of the band 77.5-78 GHz to the radiolocation service to support automotive short-range high-resolution radar operations

**Reasons:** If the proposed method is agreed at WRC-15, Resolution 654 will no longer be necessary.

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