

**Uittreksel uit het bilateraal akkoord met Duitsland voor band III, IV en V,  
ondertekend te Genève op 15 juni 2006, relevant voor de oproep**

# **Agreement between Belgium and Germany**

## **covering the Digital assignments and allotments**

### **included in the RRC-06 Plan**

#### **1. Overview**

During the development of the digital Plan agreed in Geneva at the RRC-06 a number of assignments and allotments were included in the Plan by means of Administrative Declarations. For each incompatibility between two requirements, which occurred during the compatibility calculations for the plan establishment, two Administrative Declarations, one from each administration responsible for the requirements concerned, had to be submitted to enable the assignment of requested channel/block for both requirements. Two types of Administrative declarations, conditional and unconditional, were used. For each incompatibility none, one or both Administrative Declarations given, can be conditional or unconditional.

If a conditional Administrative Declaration is submitted, the submitting administration associates conditions to be met during the implementation of the plan entry of the other administration. These conditions were mutually agreed by Belgium and Germany.

The conditions to be met by the implementation of plan entries of Belgium and Germany are given in Annex 1 for UHF and in Annex 2 for VHF. To assess if the conditions are met the general rules described in section two apply.

#### **2. General rules for assessing the interference produced by the implementation of plan entries**

The administrations of Belgium and Germany agree to base the assessment of interference of implementations of plan entries on the following rules

- For field strength calculation, the propagation model according to the GE06 Agreement (modified ITU-R P. 1546) should be used unless agreed otherwise.
- Field strengths are calculated at 10 meters height above ground level for 1% time, 50% of locations.
- The power sum method as defined in Annex 2 of the GE06 Agreement is used to calculate the cumulative interference field strength of two or more assignments.
- The cumulative interference field strength is calculated at the boundary calculation points of the co-channel/co-block allotments. The boundary calculation points are the points which define the allotment area.
- The frequency correction  $f_{corr}$  (in dB) to maximum interference field strength values is given by  $30 \cdot \log(f/650\text{MHz})$  for bands IV/V, where  $f$  denotes the channel center frequency. No frequency correction is applied for Band III.
- Two or more adjacent allotments using the same channel/block are treated as one allotment. The interference produced by adjacent co-channel allotments must not exceed the interference produced by a single allotment that would result from a merge of the above mentioned allotments. The Assignments associated with adjacent allotments using the same channel/block are treated as a single SFN.

- The term “no protection” in the remarks of Annex 1 and 2 is understood in the sense that no restrictions in addition to the restrictions from Article 5 arise for the implementation of the networks in Germany with respect to the allotments having a remark containing the term “no protection”.
- If a value for the maximum interfering field strength in Annexes 1 or 2 is accompanied by the indication of a value for a reference network (i.e. RN3) then the decay of the interfering field strength inside the allotment to be protected must be faster or equal to that of the indicated reference network. In addition to this, the value for the maximum interfering field strength at every boundary calculation point of the allotment to be protected must not be exceeded.
- The implementation of a plan entry A which was agreed without conditions for implementation with respect to a plan entry B, is allowed to produce the interference field strength at the boundary calculation points of plan entry B according to article 5 of the GE06 Agreement.

### **3. Treatment of associated Assignments**

Assignments associated with an allotment are all assignments in the plan which are mutually agreed and which are situated within the allotment area or within a distance of 20 km from the border of that allotment area, sharing the same channel/block as the allotment. Only the allotment area will be protected. The service area of these assignments outside of the allotment area will be not protected.

The cumulative interfering field strength which a real network implementation produces must not exceed  $E_{maxint}$  given in the remarks in the Annexes 1 and 2 for the allotment to be protected at all calculation points at the boundary of the allotment to be protected.

Assignments in the Annexes without a condition might lead to a higher value of cumulative interfering field strength at some points at the boundary of the allotment to be protected. This higher value is accepted.

Assignments in the Annexes with a condition remain to be discussed with the exception of D-NW-O---09-0032-LUE for which the conditions are already settled.