

Coordination agreement relating to DTT in the band 470 – 694 MHz in Denmark-Germany-Poland-Sweden

Warsaw 21 June 2016

Background

Denmark, Germany and Sweden have decided to use the frequency band 694 – 790 MHz for electronic communication services other than broadcasting in the future. While Poland has no such decision at this point in time all four countries subject to this agreement have interest in finding a solution for the continued service of DTT in the remaining band 470 – 694 MHz. The intention during the negotiations has been to find a common final planning solution enabling up to six layers in each country, depending on chosen SFN-sizes, network structure etc.

Changes to the GE06 Plan

In order to replan the band 470-694 MHz a number of changes have to be done to the existing GE06Plan.

Additions

In the following section all entries having a channel number that is not underlined may be implemented from the day of entry into force of the agreement. Entries having an underlined channel number may only be implemented when agreed amongst the concerned parties (given in paranthesis behind each new, underlined entry).

The following Allotments are accepted by the above mentioned Administrations as additions to the GE06 Plan:

Denmark

TOLNE-NIBE	26	<u>46 (S)</u>		
THISTED	27	35	45	
VIDEBAEK	21	23	42	47
VIBORG	27	28	38	47
HADSTEN-AARHUS	29	<u>46 (S)</u>		
HEDENSTED	41	43		
VARDE	23	32	<u>34 (D)</u>	41
AABENRAA	25	<u>30 (D)</u>	<u>40 (D)</u>	
TOMMERUP-SVENDBORG	<u>30 (D)</u>	<u>35 (D)</u>	<u>37 (D)</u>	
VORDINGBORG-NAKSKOV	31	32		
JYDERUP	<u>33 (S)</u>	34		
KOEBENHAVN	<u>33 (S)</u>	<u>40 (S,D)</u>	42	48
ROE	<u>33 (S)</u>	<u>40 (D, POL)</u>	<u>45 (S, POL)</u>	

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Germany

Germany optimized the structure of all allotment shapes according to the service areas of the main transmitters within the allotments. Germany will use the same shape structures for all layers. For this reason Germany will withdraw all allotments and assignments from the GE06 Plan and will add new allotments having these new shapes (annex "New German allotmentplan.txt" of this agreement). All changes correspond to the mutually agreed common final plan.

NEUBRANDENBURG	22	23	29(POL)	36	44(POL)	46(POL)
ROSTOCK	24	26	29	36	44	46
RÜGEN-USEDOM	24(S)	26(S)	29	36	44 (POL)	46
SCHWERIN	24	26	29	36	44	46
KIEL	21	27(DNK)	28(DNK)	39	45	47
HAMBURG-LÜBECK	23	27(DNK)	28	33	41(DNK)	45
WESTKÜSTE	24	26	27(DNK)	28(DNK)	31	45
HELGOLAND	27	28 (DNK)	39	44	45	47
HAMBURG regional	37	40				
BREMEN regional	34	46				
AURICH	29	35	42	43	48	
CUXHAVEN	29	35	36	42	48	
BREMEN-UNTERWESER	22	29	30	35	42	48
UELZEN	22	25	32	38	43	48
DANNENBERG	30	32	35	38	43	48
DEQUEDE	30	32	34	35	45	48
PRITZWALK	21	27	28	31	35	42
CASEKOW	22	23	25	27	33	40
BERLIN	25	27	31	33	40	42
BERLIN regional	39	47				
BOOSSEN	25	29(POL)	31	33	40	43

Sweden

HELSINGBORG (same area as S-DT2-20354)	27	45	47
MALMOE (same area as S-DT2-20356)	30	43	
HOERBY (same area as S-GT2-00011)	27	43	
KARLSHAMN-KARLSKRONA	31 (DNK)	41	43
VISLANDA	24	29	44
EMMABODA	26	36	
VISBY	22	31	

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Poland

GDANSK	<u>24 (S)</u>	25	44	
PM-2	<u>45 (S)</u>			
LEBORK	44	48		
KOSZALIN	28	35	<u>37 (D)</u>	
PM-1	48			
ZP-1 (northern part)	38			
ZP-1 (southern part)	33			
BIALOGARD	35	<u>37 (D)</u>	47	
SWINOUJSCIE	21	<u>37 (D)</u>		
SZCZECIN	37 (D)			
PILA	35	<u>44 (D)</u>		
WP-1	31			

The following Assignments are accepted by the above mentioned Administrations as additions to the GE06 Plan:

Denmark

LAESOE	23	<u>33 (S)</u>	42
ANHOLT	22	30	43

Germany

PRENZLAU	43
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Poland

KOSZALIN	46
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Suppressions

The following Allotments or parts (sub-areas) of allotments are to be considered as treated as deleted. That means they have no implementation rights and no protection rights. Nevertheless the allotments may be kept in the GE06 Plan, but will have to be modified to carry a remark using the t_remarks field saying "D-DNK-POL-S 21-06-2016", as a reference to this agreement.

The date of entry into effect of the deletions is to be agreed upon in connection with the agreements of the underlined entries in the previous chapter to this agreement:

Denmark

THISTED	42	43
VIDEBAEK	28	40
VIBORG	24	40
HEDENSTED	33	
VARDE	28	46
AABENRAA	41	
TOMMERUP-SVENDBORG	27	41
ROE	31	

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Germany

Germany will withdraw all allotments and assignments from the GE06 Plan and will substitute the allotments with new allotments having modified shapes (see explanation under section "Additions").

Sweden

HELSINGBORG (area S-DT2-20354)	30		
HELSINGBORG-HOERBY- MALMOE (area S-DT2-20352)	33	43	
KARLSHAMN-KARLSKRONA	24	26	
VISLANDA	40		
EMMABODA	45		

Poland

GDANSK	48		
PM-1	23		
KOSZALIN	40	44	
BIALOGARD	38	45	
PILA	31		

The following Assignments are to be deleted from the GE06 Plan (suppressed).

The date of entry into effect of the deletions is to be agreed upon in connection with the agreements of the underlined entries in the previous chapter to this agreement:

Denmark

LAESOE	22			
ANHOLT	25	33	40	46

Poland

SZCZECIN	39
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Revision

Revision to this agreement can only be made if all four parties agree.

Enter into force

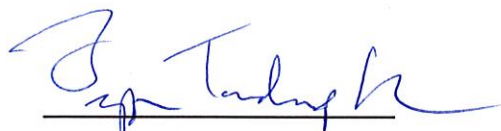
This agreement will enter into force upon the signature of all four parties.

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Place København

Date 18 July 2016

For the Danish Energy Agency



Jeppe Tanderup Kristensen
Senior Adviser
Center for Telecoms, ENS

Place Stockholm

Date 1 July 2016

For the Swedish Post and
Telecom Authority



Pia Högset
Head of Section for Spectrum Development
Spectrum Department, PTS

Place Mainz

Date July 29th 2016

For the German Bundesnetzagentur



Dr. Sascha Falahat
Assistant Head of Section Broadcasting

Place Warszawa

Date 16 August 2016

For the Polish Office of Electronic
Communication



Dr. inż. Wiktor Sęga
Director of Department of Frequency
Resources Management