

Bilateral Technical Arrangement between the Administrations of Republic of Poland and Ukraine regarding the frequency coordination for future digital terrestrial television in 470 – 694 MHz frequency band

Preamble

This document describes a bilateral technical arrangement concerning the coordination of frequency allotments and assignments for the future digital terrestrial television (hereinafter: DTT) in the 470 – 694 MHz frequency band, concluded on behalf of the Administration of Republic of Poland (hereinafter: Polish Party), on the one part and the Administration of Ukraine (hereinafter: Ukrainian Party), on the other part and jointly referred to as "the Parties". The frequency coordination, referred to in this document, is agreed between the Parties in accordance with Article 6 of the Radio Regulations of the International Telecommunication Union. This document covers only the frequency coordination between the broadcasting services and do not cancel the provisions of the Geneva 2006 Agreement. Furthermore, this document expresses the convergence of will between both Parties, indicating an intended common course of action.

1. Background

This document is a result of bilateral consultations between the technical experts of the Parties held in the context of the multilateral coordination group NEDDIF (North-Eastern Digital Dividend Implementation Forum) with the main objective to facilitate the rearrangement of Geneva 2006 Plan (hereinafter: GE06), in order to enable optimization of the future use of 470-694 MHz band for DTT networks and to facilitate the re-farming of the broadcasting spectrum above 694 MHz for terrestrial systems capable of providing wireless broadband electronic communications services. The intention during the bilateral consultations was to establish the technical parameters for allotments and assignments in line with future frequency plans of both Parties, enabling up to six DTT layers in each country.

Having participated in NEDDIF activities, the Parties successfully facilitated the bilateral frequency coordination in order to implement the relevant broadcasting spectrum reorganization, with a view to:

- achieve mutual compatibility of the DTT spectrum resources to be used in the UHF-band;
- facilitate any consequential modifications to the GE06 Plan.

2. Coordination provisions

2.1. Both Parties have agreed about future modification of the GE06 Plan for the territories of Republic of Poland and Ukraine within the coordination zone in terms of DTT frequency allotments and assignments in the 470-694 MHz frequency band. The appropriate coordination zone is described in **Annex 1**.

2.2. A list of frequency assignments to DTT stations of Republic of Poland, successfully coordinated by the Ukrainian Party, is presented in **Annex 2** to this document.

2.3. A list of frequency assignments to DTT stations of Ukraine, successfully coordinated by the Polish Party, is presented in the **Annex 3** to this document.

2.4. The Parties have agreed on their additional new DTT allotments in the coordination zone, as presented in **Annexes 4** and **5** to this document.

2.5. The agreed modification of GE06 Plan, referred to DTT allotments and assignments in Annexes 2-5, is recorded on the **compact discs (CD) – Annex 6**, one for each Party, in electronic format (Terrasys notices) in the files:

2.5.1. for Republic of Poland:

- "POL_new_allotments.txt" for new allotments;
- "POL_new_assignments.txt" for the assignments, which are in line with GE06 allotments and new allotments;
- "POL_single_assignments.txt" for the single assignments, which are not in line with allotments;

2.5.2. for Ukraine:

- "UKR_new_allotments.txt" for new allotments;
- "UKR_new_assignments.txt" for the assignments, which are in line with GE06 allotments and new allotments;
- "UKR_single_assignments.txt" for the single assignments, which are not in line with allotments.

2.6. The Annexes 1-5 and the CD – Annex 6 form an integral part of this document.

2.7. Both Parties agree that they will not object to the following modifications of the GE06 Plan in accordance with Article 4 of the GE06 Agreement:

- addition of new frequency allotments, as they have been presented in the Annexes 4 and 5 and are described in the files "POL_new_allotments.txt" and "UKR_new_allotments.txt";
- addition of new frequency assignments, as they have been presented in Annexes 2 and 3 and are described in the files "POL_new_assignments.txt", "POL_single_assignments.txt", "UKR_new_assignments.txt" and "UKR_single_assignments.txt";
- modification of the frequency assignments, already recorded in the Plan GE06, with technical parameters according to this bilateral technical arrangement.

2.8. For new allotments, coordinated between the Parties in accordance with this document, any additional frequency assignment, which is not listed in Annexes 2 and 3, is subject to coordination on bilateral basis prior to application of Article 4 of the GE06 Agreement and bilateral Agreement on Technical Conditions to

be Applied at the Stage of Implementation of the Digital Broadcasting Plan Geneva RRC-06, Geneva, June 9th, 2006.

2.9. Implementation of the frequency assignments, coordinated between the Parties in accordance with this document, will be done step by step taking into account the provisions for a transition period in Section 3 below. Both Parties will inform each other two months before any intended putting into operation of their frequency assignments, in order to receive a confirmation that other existing and previously coordinated frequency assignments are not affected.

2.10. For the frequency assignments and allotments beyond the coordination zone the use of each TV channel is considered as mutually compatible between the Parties.

3. Transition period

3.1. Both Parties recognize the necessity for a transition period, during which the DTT allotments and assignments - either previously coordinated on bilateral basis or included in the Plan GE06 and/or MIFR - shall be protected from the implementation of the new allotments and frequency assignments of Republic of Poland and Ukraine, referred to in Annexes 2-5 of this document.

3.2. Both Parties also recognize that the frequency coordination, referred to in this document, shall not be understood as imposing any undue constraints with respect to further realization of the frequency allotments of Republic of Poland and Ukraine in 470 – 694 MHz frequency band, existed in the Plan GE06 before the signature of this technical arrangement.

3.3. The transition period starts on the date when this document comes into force.

3.4. As Ukraine has not yet decided about the re-farming of the 694-790 MHz and 790-862 MHz frequency bands for terrestrial systems capable of providing wireless broadband electronic communications services, and noting the request of Republic of Poland in the light of the Decision of the European Parliament and the Council (Decision (EU) 2017/899) regarding the use of the 470-790 MHz frequency band in the EU, both Parties should agree on a final date of the transition period before June 30th, 2020.

3.5. All future further national developments and refinements of the DTT networks in the 470 - 694 MHz frequency band, which may be necessary because of the future needs of the broadcast network operators to evolve their networks, shall be done according to Articles 4 and 5 of the GE06 Agreement and bilateral Agreement on Technical Conditions to be Applied at the Stage of Implementation of the Digital Broadcasting Plan Geneva RRC-06, Geneva, June 9th, 2006.

3.6. All the DTT assignments of the Parties above 694MHz within the coordination zone between Republic of Poland and Ukraine shall not be used after the end of the transition period.

4. Revision of the technical arrangement

This document may be modified with the consent of both Parties, if such modification is required in the context of the multilateral coordination group NEDDIF or due to appropriate future technical and regulatory developments.

5. Language of the technical arrangement

This technical arrangement is prepared in English in two originals. Each Party holds one original.

6. Enter into force

This technical arrangement enters into force upon the signature.

Signed at Warsaw, Republic of Poland, on December 11, 2017.

for the **Administration of Ukraine**

Dmytro PROTSENKO

Deputy Director of the Radio Service Directorate

Ukrainian State Centre of Radio Frequencies

for the **Administration of Republic of Poland**

Wiktor SĘGA

Director of the Department of Frequency Resources Management

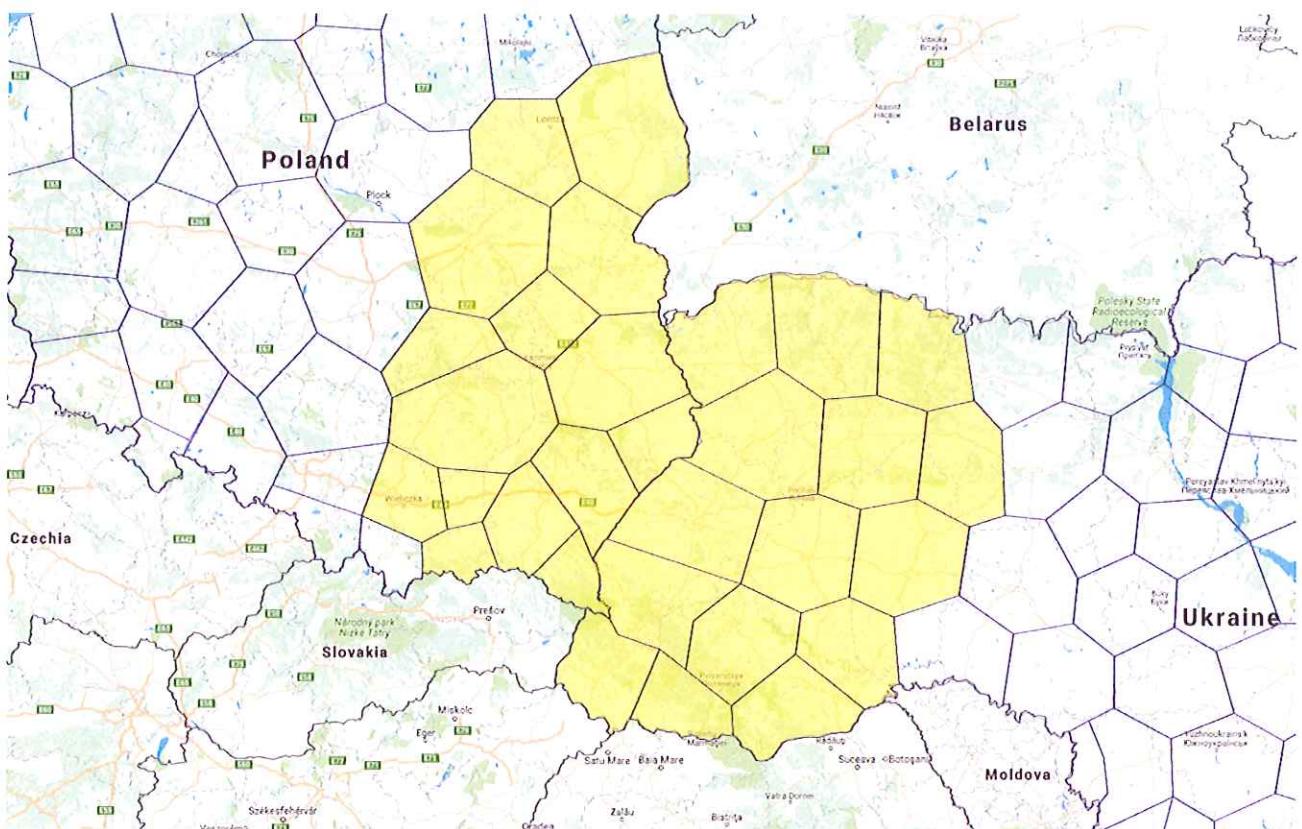
Office of Electronic Communications




Attachments:

- Annex 1: Coordination zone.
- Annex 2: List of frequency assignments to DTT stations of Republic of Poland, successfully coordinated by the Ukrainian Party.
- Annex 3: List of frequency assignments to DTT stations of Ukraine, successfully coordinated by the Polish Party.
- Annex 4: List of new DTT allotments of Republic of Poland, agreed by the Ukrainian Party.
- Annex 5: List of new DTT allotments of Ukraine, agreed by the Polish Party.
- Annex 6: CD.

Illustration of the coordination zone between Poland and Ukraine



Coordination Zone	
Allotment contours of Poland	BIALYSTOK (2), BIALYSTOK podlaskie (9202), OSTROLEKA (27), OSTROLEKA mazowieckie (9141), SIEDLCE (32), SIEDLCE mazowieckie (9144), SIEDLCE lubelskie (9061), WARSZAWA (38), WARSZAWA mazowieckie (9143), DEBLIN (6), DEBLIN mazowieckie (9145), LUBLIN (23), LUBLIN lubelskie (9062), KIELCE (15), OPOCZNO (25), KIELCE swietokrzyskie (9261), ZAMOSC (43), ZAMOSC lubelskie (9063) LEZAJSK (21), LEZAJSK podkarpackie (9181), BIESZCZADY (3), RZESZOW (31), BIESZCZADY podkarpackie (9182), TARNOW (19), KRAKOW (37), GORLICE (20), KRAKOW małopolskie (9121), ZAKOPANE (42) ZAKOPANE małopolskie (9122)
Allotment contours of Ukraine	1, 2, 3, 14, 15, 16, 25, 26, 27, 39, 40, 41, 51, 52, 53

Annex 2

List of frequency assignments to DTT stations of Republic of Poland, successfully coordinated by the Ukrainian Party

Name of station	Layer	Ch	P	Coordinates	A.s.l.	Agl	Heff	dBW	Dir	Assignment	Allotment
BIALYSTOK / Krynice	1	38	H	23e0136 53n1353	185	313	381	50	D	_480002352	_480002016
BIALYSTOK / Krynice	2	32	H	23e0136 53n1353	185	313	381	50	D	_480002355	_480002017
BIALYSTOK / Krynice	3	35	H	23e0136 53n1353	185	313	381	50	D	_480002353	_480002018
BIALYSTOK / Krynice	4	22	H	23e0136 53n1353	185	313	381	50	ND	_480002351	_480002015
BIALYSTOK / Krynice	5	43	H	23e0136 53n1353	185	313	381	50	ND	_480004279	_480002265
BIALYSTOK / Krynice	6	46	H	23e0136 53n1353	185	313	381	50	D	_480002354	_480002019
BIESZCZADY / G. Jawor	1	35	H	22e2921 49n2258	723	90	415	43	ND	_480002357	_480002027
BIESZCZADY / G. Jawor	2	32	H	22e2921 49n2258	723	90	415	43	ND	_480002361	_480002026
BIESZCZADY / G. Jawor	3	29	H	22e2921 49n2258	723	90	415	43	ND	_480002360	_480002025
BIESZCZADY / G. Jawor	4	31	H	22e2921 49n2258	723	90	415	43	ND	_480004280	_480002318
BIESZCZADY / G. Jawor	5	43	H	22e2921 49n2258	723	90	415	43	ND	_480004281	_480002167
BIESZCZADY / G. Jawor	6	48	H	22e2921 49n2258	723	90	415	43	ND	_480002362	_480002028
BUSKO ZDROJ	3	47	H	20e4313 50n2807	258	43	111	38,5	ND	_480003243	_480002124
CHRUSCZEWKA	1	36	H	22e0554 52n3246	150	94	129	37	ND	_480003031	_480002263
CHRUSCZEWKA	3	27	H	22e0554 52n3246	150	94	129	37	ND	_480004283	_480002290
CIESZANOW	3	26	H	23e0818 50n1510	224	45	65	34	ND	_480003245	_480002165
CZYZE	3	35	H	23e2507 52n4504	185	73	114	37	D	_480004287	_480002018
DEBLIN / Ryki	1	22	H	21e5808 51n3722	160	202	237	43	ND	_480001604	_480002049
DEBLIN / Ryki	2	32	H	21e5808 51n3722	160	202	237	43	ND	_480002380	_480002017
DEBLIN / Ryki	3	33	H	21e5808 51n3722	160	202	237	43	ND	_480004288	_480004173
DEBLIN / Ryki	3	40	H	21e5808 51n3722	160	202	237	36	ND	_480004520	_480004203
DEBLIN / Ryki	4	24	H	21e5808 51n3722	160	202	237	43	ND	_480001605	_480002050
DEBLIN / Ryki	5	44	H	21e5808 51n3722	160	202	237	43	ND	_480002653	_480002652
DEBLIN / Ryki	6	38	H	21e5808 51n3722	160	202	237	43	ND	_480002377	_480002330
DOBROMIERZ	3	47	H	19e5530 50n5959	310	91	194	37	ND	_480003249	_480002124
GORLICE / Glinik	3	34	H	21e1057 49n4038	277	142	139	43	ND	_480004413	_480002319
GORLICE / Maslana Gora	1	45	H	21e0331 49n3836	751	57	494	36,5	D	_480002410	_480002624
GORLICE / Maslana Gora	2	36	H	21e0331 49n3836	751	57	494	36,5	D	_480002408	_480002320
GORLICE / Maslana Gora	3	34	H	21e0331 49n3836	751	57	494	36,5	D	_480002405	_480002319
GORLICE / Maslana Gora	4	31	H	21e0331 49n3836	751	57	494	36,5	D	_480002407	_480002318
GORLICE / Maslana Gora	5	43	H	21e0331 49n3836	751	57	494	36,5	D	_480004302	_480002167
GORLICE / Maslana Gora	6	48	H	21e0331 49n3836	751	57	494	36,5	D	_480004303	_480002028
KAZIMIERZ DOLNY	3	23	H	21e5806 51n1932	208	91	177	34	ND	_480003128	_480002184
KIELCE / Komin EC	3	47	H	20e3700 50n5352	294	275	315	39,5	ND	_480003258	_480002124
KIELCE / Swiety Krzyz	1	30	H	21e0254 50n5137	582	133	475	50	ND	_480002437	_480002121
KIELCE / Swiety Krzyz	2	37	H	21e0254 50n5137	582	133	475	50	ND	_480002436	_480002123
KIELCE / Swiety Krzyz	3	47	H	21e0254 50n5137	582	133	475	51,8	ND	_480002439	_480002124
KIELCE / Swiety Krzyz	4	28	H	21e0254 50n5137	582	133	475	50	ND	_480002435	_480002120
KIELCE / Swiety Krzyz	5	44	H	21e0254 50n5137	582	133	475	51,8	ND	_480004320	_480002652
KIELCE / Swiety Krzyz	6	42	H	21e0254 50n5137	582	133	475	51,8	ND	_480004319	_480004205
KRAKOW / Choragwica	1	25	H	20e0455 49n5731	421	275	484	50	ND	_480002460	_480002152
KRAKOW / Choragwica	2	23	H	20e0455 49n5731	421	275	484	50	ND	_480002459	_480002209
KRAKOW / Choragwica	3	22	H	20e0455 49n5731	421	275	484	50	ND	_480002464	_480002150
KRAKOW / Choragwica	3	47	H	20e0455 49n5731	421	166	375	45,4	D	_480003137	_480002124
KRAKOW / Choragwica	4	21	H	20e0455 49n5731	421	275	484	50	ND	_480004332	_480002110
KRAKOW / Choragwica	5	43	H	20e0455 49n5731	421	275	484	50	ND	_480004333	_480002167
KRAKOW / Choragwica	6	33	H	20e0455 49n5731	421	275	484	50	ND	_480002461	_480002153
KRAKOW / Krzemionki	3	22	H	19e5646 50n0220	240	64	107	34,6	ND	_480004539	_480002150
KRYNICA / G. Jaworzyna	3	34	H	20e5342 49n2502	1104	40	579	33	D	_480003142	_480002319

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LEZAJSK	3	36	H	22e2419 50n1454	224	125	176	41,8	ND	_480003434	_480002327
LEZAJSK / Giedlarowa	1	24	H	22e2418 50n1453	224	125	176	50	ND	_480002473	_480002164
LEZAJSK / Giedlarowa	2	41	H	22e2418 50n1453	224	125	176	50	ND	_480002474	_480002166
LEZAJSK / Giedlarowa	3	26	H	22e2418 50n1453	224	125	176	48,5	ND	_480002471	_480002165
LEZAJSK / Giedlarowa	4	31	H	22e2418 50n1453	224	125	176	50	D	_480002476	_480002318
LEZAJSK / Giedlarowa	5	43	H	22e2418 50n1453	224	125	176	50	ND	_480002472	_480002167
LEZAJSK / Giedlarowa	6	48	H	22e2418 50n1453	224	125	176	50	ND	_480004338	_480002028
LOMZA / Szosa Zambrowska	3	35	H	22e0539 53n0940	145	81	124	37	D	_480003157	_480002018
LUBLIN / Bozy Dar	3	23	H	22e3912 51n0017	305	206	283	43	ND	_480003435	_480002184
LUBLIN / Piaski	1	25	H	22e5212 51n0749	215	333	378	50	ND	_480004343	_480002188
LUBLIN / Piaski	2	21	H	22e5212 51n0749	215	333	378	50	ND	_480002488	_480002183
LUBLIN / Piaski	3	23	H	22e5212 51n0749	215	333	378	50	ND	_480002483	_480002184
LUBLIN / Piaski	4	39	H	22e5212 51n0749	215	333	378	50	ND	_480002486	_480002187
LUBLIN / Piaski	5	35	H	22e5212 51n0749	215	333	378	50	ND	_480002484	_480002186
LUBLIN / Piaski	6	38	H	22e5212 51n0749	215	333	378	50	ND	_480004344	_480002330
LUBLIN / Raabego	3	23	H	22e3241 51n1438	196	89	118	28,5	ND	_480003153	_480002184
MAKARKI	3	35	H	22e4610 52n3255	194	117	168	31,8	D	_480004345	_480002018
OSTROLEKA / Lawy	1	40	H	21e3742 53n0442	105	125	131	47,8	ND	_480002508	_480002222
OSTROLEKA / Lawy	2	28	H	21e3742 53n0442	105	125	131	47,8	ND	_480004415	_480002199
OSTROLEKA / Lawy	3	42	H	21e3742 53n0442	105	125	131	47,8	ND	_480003267	_480002816
OSTROLEKA / Lawy	4	21	H	21e3742 53n0442	105	125	131	47,8	ND	_480002512	_480002057
OSTROLEKA / Lawy	5	26	H	21e3742 53n0442	105	125	131	47,8	ND	_480004414	_480002198
OSTROLEKA / Lawy	6	41	H	21e3742 53n0442	105	125	131	47,8	ND	_480002511	_480002223
PRZEMYSL / Tatarska Gora	1	24	H	22e4557 49n4624	330	81	217	43	D	_480002533	_480002164
PRZEMYSL / Tatarska Gora	2	41	H	22e4557 49n4624	330	81	217	43	D	_480002534	_480002166
PRZEMYSL / Tatarska Gora	3	26	H	22e4557 49n4624	330	81	217	43	D	_480002531	_480002165
PRZEMYSL / Tatarska Gora	4	31	H	22e4557 49n4624	330	81	217	43	D	_480002536	_480002318
PRZEMYSL / Tatarska Gora	5	43	H	22e4557 49n4624	330	81	217	43	D	_480002532	_480002167
PRZEMYSL / Tatarska Gora	6	48	H	22e4557 49n4624	330	81	217	43	D	_480004360	_480002028
PRZYSUCHA / Kozlowiec	1	30	H	20e3419 51n2131	309	195	327	47	ND	_480002497	_480002121
PRZYSUCHA / Kozlowiec	2	37	H	20e3419 51n2131	309	195	327	47	ND	_480002496	_480002123
PRZYSUCHA / Kozlowiec	3	40	H	20e3419 51n2131	309	195	327	47	ND	_480004361	_480004203
PRZYSUCHA / Kozlowiec	4	28	H	20e3419 51n2131	309	195	327	47	ND	_480002495	_480002120
PRZYSUCHA / Kozlowiec	5	44	H	20e3419 51n2131	309	195	327	47	ND	_480004363	_480002652
PRZYSUCHA / Kozlowiec	6	42	H	20e3419 51n2131	309	195	327	47	ND	_480004362	_480004205
RABKA / Lubon Wielki	1	28	H	19e5931 49n3911	1011	42	643	40	ND	_480004364	_480004177
RABKA / Lubon Wielki	2	36	H	19e5931 49n3911	1011	42	643	40	ND	_480002647	_480002320
RABKA / Lubon Wielki	3	34	H	19e5931 49n3911	1011	42	643	40	ND	_480002644	_480002319
RABKA / Lubon Wielki	4	31	H	19e5931 49n3911	1011	42	643	40	ND	_480002648	_480002318
RABKA / Lubon Wielki	5	43	H	19e5931 49n3911	1011	42	643	40	ND	_480002643	_480002167
RABKA / Lubon Wielki	6	48	H	19e5931 49n3911	1011	42	643	40	ND	_480004365	_480002028
RADOM / Przytycka	3	40	H	21e0650 51n2429	168	155	185	47	ND	_480004366	_480004203
ROZAN	1	40	H	21e2401 52n5302	115	81	106	37,8	ND	_480003085	_480002222
ROZAN	2	28	H	21e2401 52n5302	115	81	106	37,8	ND	_480004369	_480002199
ROZAN	3	42	H	21e2401 52n5302	115	81	106	44,8	ND	_480003270	_480002816
ROZAN	4	21	H	21e2401 52n5302	115	81	106	37,8	ND	_480004367	_480002057
ROZAN	5	26	H	21e2401 52n5302	115	81	106	37,8	ND	_480004368	_480002198
ROZAN	6	41	H	21e2401 52n5302	115	81	106	37,8	ND	_480003086	_480002223
RZESZOW / Baranowka	3	29	H	21e5910 50n0301	223	58	81	33	ND	_480003397	_480002025
RZESZOW / Sucha Gora	1	35	H	21e4846 49n4522	580	112	419	50	ND	_480002537	_480002027
RZESZOW / Sucha Gora	2	32	H	21e4846 49n4522	580	112	419	50	ND	_480002541	_480002026
RZESZOW / Sucha Gora	3	29	H	21e4846 49n4522	580	112	419	50	ND	_480002540	_480002025

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RZESZOW / Sucha Gora	4	31	H	21e4846 49n4522	580	112	419	50	ND	_480004370	_480002318
RZESZOW / Sucha Gora	5	43	H	21e4846 49n4522	580	112	419	50	ND	_480004371	_480002167
RZESZOW / Sucha Gora	6	48	H	21e4846 49n4522	580	112	419	50	ND	_480002542	_480002028
SANDOMIERZ	3	47	H	21e4551 50n4154	196	71	128	24	ND	_480003271	_480002124
SIEDLCE / Losice	1	36	H	22e4658 52n1108	185	300	339	43	ND	_480001670	_480002263
SIEDLCE / Losice	2	32	H	22e4658 52n1108	185	300	339	47	ND	_480004373	_480002017
SIEDLCE / Losice	3	31	H	22e4658 52n1108	185	300	339	47	D	_480004372	_480004174
SIEDLCE / Losice	3	33	H	22e4658 52n1108	185	300	339	47	ND	_480004407	_480004173
SIEDLCE / Losice	4	39	H	22e4658 52n1108	185	300	339	47	ND	_480004374	_480002187
SIEDLCE / Losice	5	43	H	22e4658 52n1108	185	300	339	47	ND	_480002545	_480002265
SIEDLCE / Losice	6	37	H	22e4658 52n1108	185	300	339	47	ND	_480002547	_480002264
SZCZAWNICA / g. Jarmuta	3	34	H	20e3021 49n2440	791	32	286	30	D	_480003200	_480002319
SZCZAWNICA / g. Przehyba	1	45	H	20e3314 49n2802	1150	81	822	43,4	D	_480002566	_480002624
SZCZAWNICA / G. Przehyba	2	36	H	20e3314 49n2802	1150	81	822	43,4	D	_480002564	_480002320
SZCZAWNICA / G. Przehyba	3	34	H	20e3314 49n2802	1150	81	822	43,4	D	_480002561	_480002319
SZCZAWNICA / g. Przehyba	4	31	H	20e3314 49n2802	1150	81	822	43,4	D	_480004401	_480002318
SZCZAWNICA / g. Przehyba	5	43	H	20e3314 49n2802	1150	81	822	43,4	D	_480004377	_480002167
SZCZAWNICA / g. Przehyba	6	48	H	20e3314 49n2802	1150	81	822	43,4	D	_480004378	_480002028
TARNOBRZEG	3	26	H	21e3819 50n3127	169	127	150	37	D	_480004381	_480002165
TARNOW / G. Sw. Marcina	1	45	H	21e0045 49n5901	375	85	263	47	ND	_480002578	_480002624
TARNOW / G. Sw. Marcina	2	23	H	21e0045 49n5901	375	85	263	47	ND	_480002573	_480002209
TARNOW / G. Sw. Marcina	3	22	H	21e0045 49n5901	375	85	263	47	ND	_480002577	_480002150
TARNOW / G. Sw. Marcina	4	21	H	21e0045 49n5901	375	85	263	47	ND	_480004382	_480002110
TARNOW / G. Sw. Marcina	5	43	H	21e0045 49n5901	375	85	263	47	ND	_480004383	_480002167
TARNOW / G. Sw. Marcina	6	33	H	21e0045 49n5901	375	85	263	47	ND	_480002574	_480002153
TUROSL	3	35	H	21e4436 53n2239	110	62	64	30	D	_480004542	_480002018
WARSZAWA / PKiN	1	29	H	21e0018 52n1355	115	226	261	34,8	ND	_480004384	_480002292
WARSZAWA / PKiN	2	48	H	21e0018 52n1355	115	226	261	34,8	ND	_480001685	_480002293
WARSZAWA / PKiN	3	27	H	21e0022 52n1354	115	226	261	40	ND	_480003221	_480002290
WARSZAWA / PKiN	4	34	H	21e0018 52n1355	115	226	261	34,8	ND	_480004385	_480002291
WARSZAWA / PKiN	5	43	H	21e0018 52n1355	115	226	261	34,8	ND	_480004387	_480002265
WARSZAWA / PKiN	6	41	H	21e0018 52n1355	115	226	261	34,8	ND	_480004386	_480002223
WARSZAWA / Raszyn	1	29	H	20e5302 52n0421	119	319	338	50	ND	_480002580	_480002292
WARSZAWA / Raszyn	2	48	H	20e5302 52n0421	119	319	338	50	ND	_480002581	_480002293
WARSZAWA / Raszyn	3	27	H	20e5302 52n0421	119	319	338	51,1	ND	_480002579	_480002290
WARSZAWA / Raszyn	4	34	H	20e5302 52n0421	119	319	338	50	ND	_480002584	_480002291
WARSZAWA / Raszyn	5	43	H	20e5302 52n0421	119	319	338	50	ND	_480004389	_480002265
WARSZAWA / Raszyn	6	41	H	20e5302 52n0421	119	319	338	50	ND	_480004388	_480002223
ZAKOPANE / Gubalowka	1	28	H	19e5611 49n1829	1117	97	465	43	D	_480004395	_480004177
ZAKOPANE / Gubalowka	2	36	H	19e5611 49n1829	1117	97	465	43	D	_480002607	_480002320
ZAKOPANE / Gubalowka	3	34	H	19e5611 49n1829	1117	97	465	43	D	_480002603	_480002319
ZAKOPANE / Gubalowka	4	31	H	19e5611 49n1829	1117	97	465	43	D	_480002606	_480002318
ZAKOPANE / Gubalowka	5	43	H	19e5611 49n1829	1117	97	465	43	D	_480002604	_480002167
ZAKOPANE / Gubalowka	6	48	H	19e5611 49n1829	1117	97	465	43	D	_480004396	_480002028
ZAMOSC / Tarnawatka	1	34	H	23e2350 50n3124	317	143	225	47	ND	_480002613	_480002326
ZAMOSC / Tarnawatka	2	32	H	23e2350 50n3124	317	143	225	47	ND	_480002612	_480002325
ZAMOSC / Tarnawatka	3	36	H	23e2350 50n3124	317	143	225	47	ND	_480002609	_480002327
ZAMOSC / Tarnawatka	4	39	H	23e2350 50n3124	317	143	225	47	ND	_480004398	_480002187
ZAMOSC / Tarnawatka	5	35	H	23e2350 50n3124	317	143	225	47	D	_480004397	_480002186
ZAMOSC / Tarnawatka	6	38	H	23e2350 50n3124	317	143	225	47	ND	_480002611	_480002330

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Annex 2

List of frequency assignments to DTT stations of Republic of Poland, successfully coordinated by the Ukrainian Party: Antenna diagrams

ministrations of Poland and Ukraine regarding the frequency coordination for future digital terrestrial television in 470 – 694 MHz frequency band

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List of frequency assignments to DTT stations of Ukraine, successfully coordinated by the Polish Party

Nº	TV ch.	Site	Long.	Lat.	ERP max.	Pol.	Hant. max	Dir.	Allotm.	E-notice
1	21	BRODY-0	25°E 09' 04"	50°N 04' 12"	24.2	H	132	ND	*	UKR_single_assignments.txt
2	21	CHORTKIV-0	25°E 48' 06"	49°N 01' 44"	27.4	H	155	ND	*	UKR_single_assignments.txt
3	21	PIDBUZH	23°E 17' 27"	49°N 19' 47"	27.6	H	482	ND	UKR210039	UKR_new_assignments.txt
4	22	BILOHIRIA	26°E 24' 54"	50°N 00' 31"	24.2	H	96	ND	UKR220027	UKR_new_assignments.txt
5	22	BRODY-0	25°E 09' 04"	50°N 04' 12"	24.5	H	132	ND	UKR220014	UKR_new_assignments.txt
6	22	CHORTKIV-0	25°E 48' 06"	49°N 01' 44"	27.6	H	155	ND	UKR220041	UKR_new_assignments.txt
7	22	DUBROVITSA-0	26°E 36' 08"	51°N 33' 52"	30.7	H	124	ND	UKR220003	UKR_new_assignments.txt
8	22	DUBROVITSA-0	26°E 36' 08"	51°N 33' 52"	30.8	H	124	ND	UKR250002	UKR_new_assignments.txt
9	22	HOROKHIV-0	24°E 45' 17"	50°N 29' 26"	28.1	H	145	ND	UKR220014	UKR_new_assignments.txt
10	22	HOROKHIV-0	24°E 45' 17"	50°N 29' 26"	28.1	H	145	ND	UKR290014	UKR_new_assignments.txt
11	22	KHMELNYTSKYI	26°E 58' 50"	49°N 26' 54"	38.8	H	281	ND	UKR220027	UKR_new_assignments.txt
12	22	KOVEL-01	24°E 39' 53"	51°N 12' 00"	36.8	H	241	ND	UKR220001	UKR_new_assignments.txt
13	22	KULCHYNTSI-0	26°E 45' 22"	48°N 40' 32"	30.7	H	374	ND	UKR220041	UKR_new_assignments.txt
14	22	LUBESHOV-02	25°E 29' 15"	51°N 44' 41"	24.6	H	56	ND	UKR220002	UKR_new_assignments.txt
15	22	LVIV	24°E 02' 12"	49°N 50' 53"	38.1	H	201	ND	UKR220025	UKR_new_assignments.txt
16	22	NOVOVOLYNSK-01	24°E 09' 45"	50°N 43' 42"	25.5	H	94	ND	UKR220014	UKR_new_assignments.txt
17	22	OLEVSK	27°E 38' 59"	51°N 12' 31"	38.1	H	192	ND	UKR220003	UKR_new_assignments.txt
18	22	PIDHAITSI	25°E 24' 22"	50°N 43' 04"	31.5	H	120	ND	UKR220014	UKR_new_assignments.txt
19	22	POLONNE-0	27°E 31' 59"	50°N 06' 33"	33.5	H	116	ND	*	UKR_single_assignments.txt
20	22	RAKHIV	24°E 12' 30"	48°N 06' 32"	22.5	H	820	D	UKR220052	UKR_new_assignments.txt
21	22	SHATSK-0	23°E 55' 02"	51°N 29' 00"	24.6	H	76	ND	UKR220001	UKR_new_assignments.txt
22	22	VARASH	25°E 52' 00"	51°N 20' 02"	30.8	H	159	ND	UKR220002	UKR_new_assignments.txt
23	23	BEREZHANY-0	24°E 56' 07"	49°N 25' 44"	28	H	182	ND	UKR230026	UKR_new_assignments.txt

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24	23	BUCHACH-0	25°E 24' 59"	49°N 04' 37"	24.4	H	125	ND	UKR230026	UKR_new_assignments.txt
25	23	CHORTKIV-0	25°E 48' 06"	49°N 01' 44"	27.5	H	155	ND	UKR230026	UKR_new_assignments.txt
26	23	KREMENETS-0	25°E 42' 56"	50°N 05' 39"	29.3	H	221	ND	UKR230026	UKR_new_assignments.txt
27	23	TERNOPIL-0	25°E 41' 15"	49°N 36' 55"	37	H	261	ND	UKR230026	UKR_new_assignments.txt
28	24	ANTOPIL-0	26°E 25' 15"	50°N 35' 57"	37	H	287	ND	UKR240015	UKR_new_assignments.txt
29	24	BEREZHANY-0	24°E 56' 07"	49°N 25' 44"	27.6	H	182	ND	*	UKR_single_assignments.txt
30	24	CHERNIVTSI-0	25°E 50' 32"	48°N 17' 44"	34.8	H	452	ND	*	UKR_single_assignments.txt
31	24	DOLYNA-2	23°E 58' 17"	48°N 57' 53"	29	H	165	ND	*	UKR_single_assignments.txt
32	25	BEREZHANY-0	24°E 56' 07"	49°N 25' 44"	27.8	H	182	ND	UKR250026	UKR_new_assignments.txt
33	25	BRODY-0	25°E 09' 04"	50°N 04' 12"	24	H	132	ND	UKR250026	UKR_new_assignments.txt
34	25	BUCHACH-0	25°E 24' 59"	49°N 04' 37"	24.4	H	125	ND	UKR250026	UKR_new_assignments.txt
35	25	CHORTKIV-0	25°E 48' 06"	49°N 01' 44"	27.8	H	155	ND	UKR250026	UKR_new_assignments.txt
36	25	KREMENETS-0	25°E 42' 56"	50°N 05' 39"	29.3	H	221	ND	UKR250026	UKR_new_assignments.txt
37	25	LUBESHOV-02	25°E 29' 15"	51°N 44' 41"	31	H	56	ND	UKR250022	UKR_new_assignments.txt
38	25	TERNOPIL-0	25°E 41' 15"	49°N 36' 55"	36.9	H	261	ND	UKR250026	UKR_new_assignments.txt
39	25	VARASH	25°E 52' 00"	51°N 20' 00"	30.6	H	151	ND	UKR250002	UKR_new_assignments.txt
40	26	DUBROVITSA-0	26°E 36' 08"	51°N 33' 52"	30.7	H	124	ND	UKR260003	UKR_new_assignments.txt
41	26	HOROKHIV-0	24°E 45' 17"	50°N 29' 26"	28.3	H	145	ND	UKR260014	UKR_new_assignments.txt
42	26	KOVEL-01	24°E 39' 53"	51°N 12' 00"	36.8	H	241	ND	UKR260001	UKR_new_assignments.txt
43	26	LUBESHOV-02	25°E 29' 15"	51°N 44' 41"	24.3	H	56	ND	UKR260001	UKR_new_assignments.txt
44	26	NOVOVOLYNSK-01	24°E 09' 45"	50°N 43' 42"	25.4	H	94	ND	UKR260014	UKR_new_assignments.txt
45	26	PIDHAITSI	25°E 24' 22"	50°N 43' 04"	32	H	120	ND	UKR260014	UKR_new_assignments.txt
46	26	SHATSK-0	23°E 55' 02"	51°N 29' 00"	24.4	H	76	ND	UKR260001	UKR_new_assignments.txt
47	26	VARASH	25°E 52' 00"	51°N 20' 02"	30.5	H	159	ND	UKR260002	UKR_new_assignments.txt
48	27	BILOHIRIA	26°E 24' 54"	50°N 00' 31"	24.2	H	96	ND	UKR270027	UKR_new_assignments.txt
49	27	BRODY-0	25°E 09' 04"	50°N 04' 12"	24.2	H	132	ND	UKR270014	UKR_new_assignments.txt
50	27	CHERNIVTSI-0	25°E 50' 32"	48°N 17' 44"	34.8	H	452	ND	*	UKR_single_assignments.txt

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51	27	HOROKHIV-0	24°E 45' 17"	50°N 29' 26"	28.2	H	145	ND	UKR270014	UKR_new_assignments.txt
52	27	KHMELNYTSKYI	26°E 58' 50"	49°N 26' 54"	38.7	H	281	ND	UKR270027	UKR_new_assignments.txt
53	27	KHUST	23°E 14' 33"	48°N 13' 24"	34.3	H	849	D	UKR270052	UKR_new_assignments.txt
54	27	KOVEL-01	24°E 39' 53"	51°N 12' 00"	36.8	H	241	ND	*	UKR_new_assignments.txt
55	27	KULCHYNTSI-0	26°E 45' 22"	48°N 40' 32"	30.7	H	374	ND	*	UKR_single_assignments.txt
56	27	LVIV	24°E 02' 12"	49°N 50' 53"	38.1	H	201	ND	UKR270025	UKR_new_assignments.txt
57	27	MUKACHEVE-01	22°E 45' 10"	48°N 25' 50"	25.7	H	115	ND	UKR270051	UKR_new_assignments.txt
58	27	NOVODNISTROVSK-0	27°E 26' 58"	48°N 34' 53"	35.3	H	342	ND	*	UKR_single_assignments.txt
59	27	NOVOVOLYNSK-01	24°E 09' 45"	50°N 43' 42"	25.4	H	94	ND	UKR270014	UKR_new_assignments.txt
60	27	PIDHAITSI	25°E 24' 22"	50°N 43' 04"	32.1	H	120	ND	UKR270014	UKR_new_assignments.txt
61	27	POLONNE-0	27°E 31' 59"	50°N 06' 33"	33.6	H	116	ND	*	UKR_single_assignments.txt
62	27	RAKHIV	24°E 12' 30"	48°N 06' 32"	22.8	H	820	D	UKR270052	UKR_new_assignments.txt
63	27	SHATSK-0	23°E 55' 02"	51°N 29' 00"	24.5	H	76	ND	*	UKR_new_assignments.txt
64	27	SVALIAVA	22°E 56' 27"	48°N 30' 58"	26.7	H	535	D	UKR270051	UKR_new_assignments.txt
65	27	UZHGOROD	22°E 17' 47"	48°N 38' 21"	29.7	H	135	D	UKR270051	UKR_new_assignments.txt
66	27	VELYKYI BEREZNYI	22°E 33' 11"	48°N 54' 18"	23.9	H	758	D	UKR270051	UKR_new_assignments.txt
67	28	KHMELNYTSKYI	26°E 58' 50"	49°N 26' 54"	38.5	H	281	ND	UKR280027	UKR_new_assignments.txt
68	28	LUBESHOV-02	25°E 29' 15"	51°N 44' 41"	24.3	H	56	ND	*	UKR_single_assignments.txt
69	28	LUTSK-0	25°E 19' 47"	50°N 44' 53"	30.9	H	108	ND	UKR280014	UKR_new_assignments.txt
70	28	NOVOVOLYNSK-01	24°E 09' 45"	50°N 43' 42"	25.4	H	94	ND	UKR280014	UKR_new_assignments.txt
71	28	PIDBUZH	23°E 17' 27"	49°N 19' 47"	27.7	H	482	ND	UKR280039	UKR_new_assignments.txt
72	28	SHATSK-0	23°E 55' 02"	51°N 29' 00"	24.5	H	76	ND	UKR280001	UKR_new_assignments.txt
73	29	CHERNIVTSI-0	25°E 50' 32"	48°N 17' 44"	34.8	H	452	ND	UKR290053	UKR_new_assignments.txt
74	29	DEBESLAVTSI-0	25°E 10' 06"	48°N 28' 09"	25.2	H	58	ND	UKR290053	UKR_new_assignments.txt
75	29	KHMELNYTSKYI	26°E 58' 50"	49°N 26' 54"	38.5	H	281	ND	UKR290027	UKR_new_assignments.txt
76	29	KULCHYNTSI-0	26°E 45' 22"	48°N 40' 32"	33.7	H	374	ND	*	UKR_single_assignments.txt
77	29	MALATURYA	23°E 58' 54"	48°N 57' 47"	28.3	H	182	ND	UKR290040	UKR_new_assignments.txt

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78	29	POLONNE-0	27°E 31' 59"	50°N 06' 33"	33.5	H	116	ND	*	UKR_single_assignments.txt
79	29	ROKYTA VELYKA-0	24°E 41' 58"	48°N 25' 14"	29.3	H	651	D	UKR290040	UKR_new_assignments.txt
80	30	DEBESLAVTSI-0	25°E 10' 06"	48°N 28' 09"	31	H	58	ND	*	UKR_single_assignments.txt
81	30	KREMENETS-0	25°E 42' 56"	50°N 05' 39"	29.3	H	221	ND	*	UKR_single_assignments.txt
82	30	LVIV	24°E 02' 12"	49°N 50' 53"	38.1	H	201	ND	UKR300025	UKR_new_assignments.txt
83	30	NOVYI ROZDIL	24°E 07' 06"	49°N 29' 03"	27.8	H	151	ND	UKR300025	UKR_new_assignments.txt
84	30	POLONNE-0	27°E 31' 59"	50°N 06' 33"	33.3	H	116	ND	UKR300016	UKR_new_assignments.txt
85	31	DEBESLAVTSI-0	25°E 10' 06"	48°N 28' 09"	25.1	H	58	ND	UKR310040	UKR_new_assignments.txt
86	31	DOLYNA-2	23°E 58' 17"	48°N 57' 53"	29	H	165	ND	UKR310040	UKR_new_assignments.txt
87	31	HOROKHIV-0	24°E 45' 17"	50°N 29' 26"	28.1	H	145	ND	UKR310014	UKR_new_assignments.txt
88	31	IWANO-FRANKOVSK-0	24°E 42' 32"	48°N 55' 03"	35.5	H	192	ND	UKR310040	UKR_new_assignments.txt
89	31	KOVEL-01	24°E 39' 53"	51°N 12' 00"	33.8	H	241	ND	UKR310001	UKR_new_assignments.txt
90	31	NOVOVOLYNSK-01	24°E 09' 45"	50°N 43' 42"	25.5	H	94	ND	UKR310014	UKR_new_assignments.txt
91	31	PIDHAITSI	25°E 24' 22"	50°N 43' 04"	31.7	H	120	ND	UKR310014	UKR_new_assignments.txt
92	31	ROKYTA VELYKA-0	24°E 41' 58"	48°N 25' 14"	29.3	H	651	D	UKR310040	UKR_new_assignments.txt
93	31	SHATSK-0	23°E 55' 02"	51°N 29' 00"	24.5	H	76	ND	UKR310001	UKR_new_assignments.txt
94	32	BEREZHANY-0	24°E 56' 07"	49°N 25' 44"	27.4	H	182	ND	*	UKR_single_assignments.txt
95	32	BUCHACH-0	25°E 24' 59"	49°N 04' 37"	24.4	H	125	ND	*	UKR_single_assignments.txt
96	33	ANTOPIL-0	26°E 25' 15"	50°N 35' 57"	36.9	H	263	ND	UKR330015	UKR_new_assignments.txt
97	33	KHUST	23°E 14' 33"	48°N 13' 24"	35.8	H	849	D	UKR330051	UKR_new_assignments.txt
98	33	LVIV	24°E 02' 12"	49°N 50' 53"	38.1	H	201	ND	UKR330025	UKR_new_assignments.txt
99	33	MUKACHEVE-01	22°E 45' 10"	48°N 25' 50"	25.7	H	115	ND	UKR330051	UKR_new_assignments.txt
100	33	PIDBUZH	23°E 17' 27"	49°N 19' 47"	27.6	H	482	ND	UKR330039	UKR_new_assignments.txt
101	33	RAKHIV	24°E 12' 30"	48°N 06' 32"	22.3	H	820	D	*	UKR_single_assignments.txt
102	33	SVALIAVA	22°E 56' 27"	48°N 30' 58"	26.8	H	535	D	UKR330051	UKR_new_assignments.txt
103	33	UZHGOROD	22°E 17' 47"	48°N 38' 21"	29.7	H	135	D	UKR330051	UKR_new_assignments.txt
104	33	VELYKYI BEREZNYI	22°E 33' 11"	48°N 54' 18"	23.9	H	758	D	UKR330051	UKR_new_assignments.txt

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105	34	BILOHIRIA	26°E 24' 57"	50°N 00' 26"	27.6	H	120	ND	*	UKR_single_assignments.txt
106	35	BRODY-0	25°E 09' 04"	50°N 04' 12"	24.4	H	132	ND	UKR350026	UKR_new_assignments.txt
107	35	ROKYTA VELYKA-0	24°E 41' 58"	48°N 25' 14"	29.3	H	651	D	*	UKR_single_assignments.txt
108	36	ANDRIIVKA	28°E 39' 58"	50°N 30' 10"	39	H	194	ND	*	UKR_single_assignments.txt
109	36	BEREZHANY-0	24°E 56' 07"	49°N 25' 44"	27.5	H	182	ND	*	UKR_single_assignments.txt
110	36	BLOHIRIA	26°E 24' 54"	50°N 00' 31"	24.4	H	96	ND	*	UKR_single_assignments.txt
111	36	BRUSYLIV	29°E 30' 00"	50°N 17' 18"	25	H	58	ND	*	UKR_single_assignments.txt
112	36	BUCHACH-0	25°E 24' 59"	49°N 04' 37"	24.6	H	125	ND	*	UKR_single_assignments.txt
113	36	CHERNIVTSI-0	25°E 50' 32"	48°N 17' 44"	34.8	H	452	ND	UKR360053	UKR_new_assignments.txt
114	36	CHORTKIV-0	25°E 48' 06"	49°N 01' 44"	27.4	H	155	ND	*	UKR_single_assignments.txt
115	36	DEBESLAVTSI-0	25°E 10' 06"	48°N 28' 09"	25.2	H	58	ND	UKR360053	UKR_new_assignments.txt
116	36	DUBROVITSA-0	26°E 36' 08"	51°N 33' 52"	30.6	H	124	ND	UKR360002	UKR_new_assignments.txt
117	36	IVANO-FRANKOVSK-0	24°E 42' 32"	48°N 55' 03"	35.5	H	192	ND	*	UKR_single_assignments.txt
118	36	KHMELENYTSKYI	26°E 58' 50"	49°N 26' 54"	38.5	H	281	ND	*	UKR_single_assignments.txt
119	36	KHUST	23°E 14' 33"	48°N 13' 24"	35.8	H	849	D	UKR360052	UKR_new_assignments.txt
120	36	KOZHUHIVKA	28°E 32' 30"	51°N 00' 10"	26.4	H	91	ND	UKR360004	UKR_new_assignments.txt
121	36	KREMENETS-0	25°E 42' 56"	50°N 05' 39"	29.1	H	221	ND	*	UKR_single_assignments.txt
122	36	KULCHIVTSI-0	26°E 45' 22"	48°N 40' 32"	33.5	H	374	ND	*	UKR_single_assignments.txt
123	36	LUBESHOV-02	25°E 29' 15"	51°N 44' 41"	25	H	56	ND	UKR360002	UKR_new_assignments.txt
124	36	MALA TURIYA	23°E 58' 54"	48°N 57' 47"	28.3	H	182	ND	UKR360039	UKR_new_assignments.txt
125	36	MUKACHEVE-01	22°E 45' 10"	48°N 25' 50"	25.7	H	115	ND	UKR360051	UKR_new_assignments.txt
126	36	NOVMI ROZDIL	24°E 07' 06"	49°N 29' 03"	27.8	H	151	ND	*	UKR_single_assignments.txt
127	36	OLEVSK	27°E 38' 59"	51°N 12' 31"	27.6	H	192	ND	*	UKR_single_assignments.txt
128	36	OVRUCH-0	28°E 48' 16"	51°N 21' 23"	35.8	H	168	ND	UKR360004	UKR_new_assignments.txt
129	36	PDBUZH	23°E 17' 27"	49°N 19' 47"	27.7	H	482	ND	UKR360039	UKR_new_assignments.txt
130	36	RAKHIV	24°E 12' 30"	48°N 06' 32"	22.3	H	820	D	UKR360052	UKR_new_assignments.txt
131	36	ROKYTA VELYKA-0	24°E 41' 58"	48°N 25' 14"	29.3	H	651	D	*	UKR_single_assignments.txt

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132	36	SVALIAVA	22°E 56' 27"	48°N 30' 58"	26.8	H	535	D	UKR360051	UKR_new_assignments.txt
133	36	TERNOPIL-0	25°E 41' 15"	49°N 36' 55"	36.8	H	261	ND	*	UKR_single_assignments.txt
134	36	UZHGOROD	22°E 17' 47"	48°N 38' 21"	29.7	H	135	D	UKR360051	UKR_new_assignments.txt
135	36	VARASH	25°E 52' 00"	51°N 20' 02"	30.6	H	159	ND	UKR360002	UKR_new_assignments.txt
136	36	VELYKYI BEREZNYI	22°E 33' 11"	48°N 54' 18"	23.9	H	758	D	UKR360051	UKR_new_assignments.txt
137	36	YURIVKA	29°E 17' 26"	50°N 47' 20"	28	H	93	ND	*	UKR_single_assignments.txt
138	37	TERNOPIL-0	25°E 41' 15"	49°N 36' 55"	36.8	H	261	ND	*	UKR_single_assignments.txt
139	38	ANTOPIL-0	26°E 25' 15"	50°N 35' 57"	36.9	H	263	ND	*	UKR_single_assignments.txt
140	39	DEBESLAVTSI-0	25°E 10' 06"	48°N 28' 09"	25.2	H	58	ND	*	UKR_single_assignments.txt
141	39	IVANO-FRANKOVSK-0	24°E 42' 32"	48°N 55' 03"	35.4	H	192	ND	*	UKR_single_assignments.txt
142	39	KHUST	23°E 14' 33"	48°N 13' 24"	34.3	H	849	D	UKR390051	UKR_new_assignments.txt
143	39	MALA TURIYA	23°E 58' 54"	48°N 57' 47"	28.2	H	182	ND	UKR390039	UKR_new_assignments.txt
144	39	MUKACHEVE-01	22°E 45' 10"	48°N 25' 50"	25.8	H	115	ND	UKR390051	UKR_new_assignments.txt
145	39	NOVYI ROZDIL	24°E 07' 06"	49°N 29' 03"	27.4	H	151	ND	UKR390039	UKR_new_assignments.txt
146	39	PIDBUZH	23°E 17' 27"	49°N 19' 47"	27.7	H	482	ND	UKR390039	UKR_new_assignments.txt
147	39	ROKYTA VELYKA-0	24°E 41' 58"	48°N 25' 14"	29.3	H	651	D	*	UKR_single_assignments.txt
148	39	SVALIAVA	22°E 56' 27"	48°N 30' 58"	26.7	H	535	D	UKR390051	UKR_new_assignments.txt
149	39	TERNOPIL-0	25°E 41' 15"	49°N 36' 55"	36.8	H	261	ND	UKR290012	UKR_new_assignments.txt
150	39	UZHGOROD	22°E 17' 47"	48°N 38' 21"	29.7	H	135	D	UKR390051	UKR_new_assignments.txt
151	39	VELYKYI BEREZNYI	22°E 33' 11"	48°N 54' 18"	23.9	H	758	D	UKR390051	UKR_new_assignments.txt
152	40	ANTOPIL-0	26°E 25' 15"	50°N 35' 57"	36.9	H	287	ND	*	UKR_single_assignments.txt
153	40	CHERNIVTSI-0	25°E 50' 32"	48°N 17' 44"	34.7	H	452	ND	*	UKR_single_assignments.txt
154	40	LWIV	24°E 02' 12"	49°N 50' 53"	38.1	H	201	ND	*	UKR_single_assignments.txt
155	40	SVALIAVA	22°E 56' 27"	48°N 30' 58"	26.8	H	535	D	UKR400051	UKR_new_assignments.txt
156	41	IVANO-FRANKOVSK-0	24°E 42' 32"	48°N 55' 03"	35.6	H	192	ND	UKR410040	UKR_new_assignments.txt
157	41	NOV.-VOLYNSKYY	27°E 36' 54"	50°N 35' 18"	28	H	101	ND	UKR410016	UKR_new_assignments.txt
158	41	POLONNE-0	27°E 31' 59"	50°N 06' 33"	33.3	H	116	ND	UKR410016	UKR_new_assignments.txt

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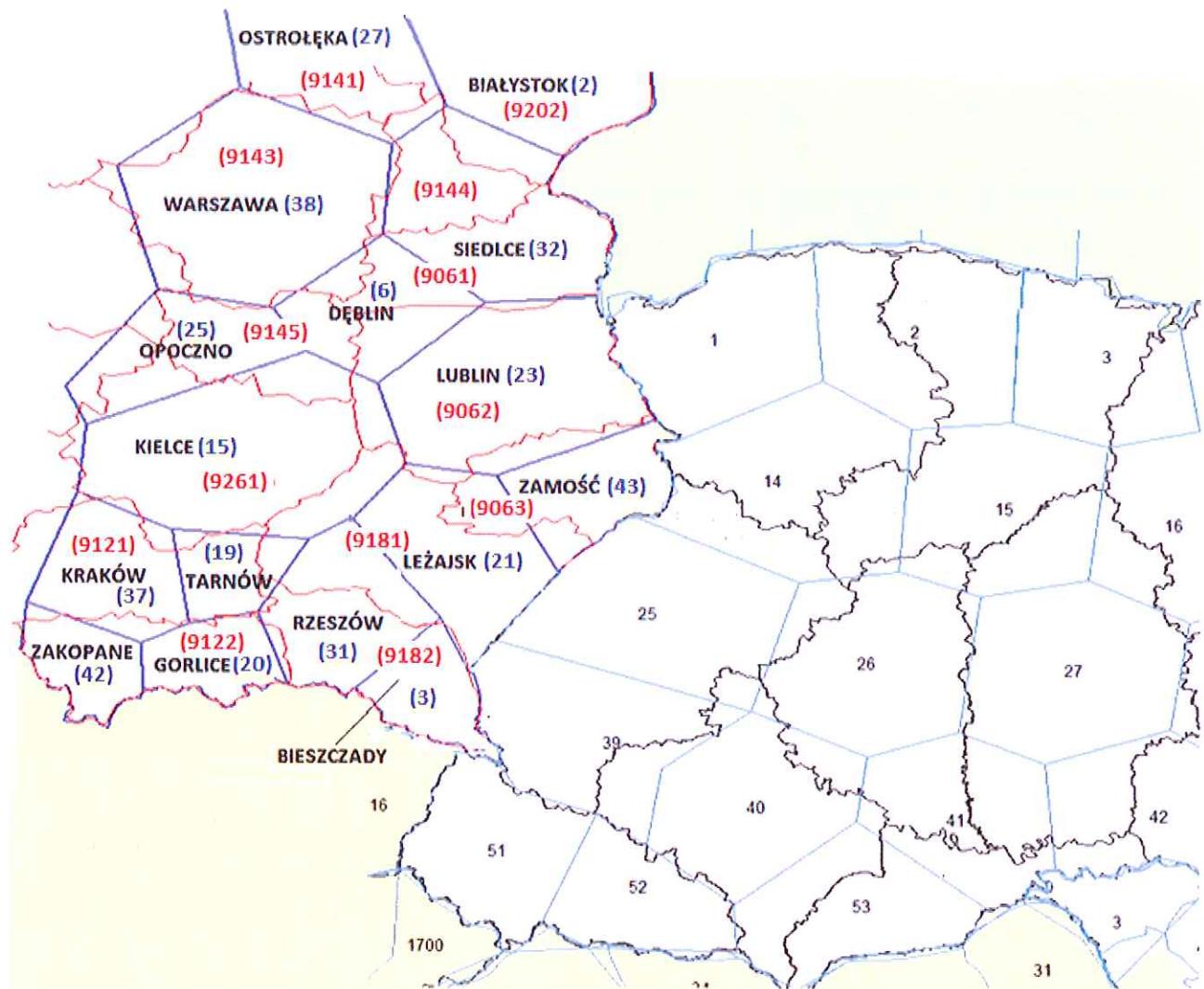
159	42	ANTOPIL-0	26°E 25' 15"	50°N 35' 57"	39	H	287	ND	*		UKR_single_assignments.txt
160	42	IVANO-FRANKOVSK-0	24°E 42' 32"	48°N 55' 03"	35.3	H	192	ND	*		UKR_single_assignments.txt
161	42	KHUST	23°E 14' 33"	48°N 13' 24"	35.8	H	849	D	UKR420051	UKR_new_assignments.txt	
162	42	NOVYI ROZDIL	24°E 07' 06"	49°N 29' 03"	27.7	H	151	ND	UKR420025	UKR_new_assignments.txt	
163	42	RAKHIV	24°E 12' 30"	48°N 06' 32"	22.3	H	820	D	UKR420052	UKR_new_assignments.txt	
164	43	KREMENETS-0	25°E 42' 56"	50°N 05' 39"	29.2	H	221	ND	*		UKR_single_assignments.txt
165	44	KOVEL-01	24°E 39' 53"	51°N 12' 00"	36.8	H	241	ND	*		UKR_single_assignments.txt
166	44	KULCHYNTSI-0	26°E 45' 22"	48°N 40' 32"	33.6	H	374	ND	UKR440041	UKR_new_assignments.txt	
167	44	MUKACHEVE-01	22°E 45' 10"	48°N 25' 50"	25.7	H	115	ND	*		UKR_single_assignments.txt
168	44	UZHGOROD	22°E 17' 47"	48°N 38' 21"	29.7	H	135	D	*		UKR_single_assignments.txt
169	44	VELYKYI BEREZNYI	22°E 33' 11"	48°N 54' 18"	23.8	H	758	D	*		UKR_single_assignments.txt
170	47	BUCHACH-0	25°E 24' 59"	49°N 04' 37"	24.6	H	125	ND	*		UKR_single_assignments.txt
171	47	DUBROVITSA-0	26°E 36' 08"	51°N 33' 52"	30.7	H	124	ND	UKR470003	UKR_new_assignments.txt	
172	47	NOVYI ROZDIL	24°E 07' 06"	49°N 29' 03"	27.6	H	151	ND	UKR470025	UKR_new_assignments.txt	
173	48	BILOHIRIA	26°E 24' 54"	50°N 00' 31"	24.2	H	96	ND	*		UKR_single_assignments.txt

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List with number of channels Polish allotments near Belarus, Ukraine and Slovakia border



Allotment	Layer	Channel	Contour	Adm_ref_id
BIALYSTOK	1	38	2	_480002016
BIESZCZADY_RZESZOW	1	35	3, 31	_480002027
DEBLIN	1	22	6	_480002049
GORLICE_TARNOW	1	45	20, 37	_480002624
KIELCE_OPOCZNO	1	30	15, 25	_480002121
KRAKOW	1	25	19	_480002152
LEZAJSK	1	24	21	_480002164
LUBLIN	1	25	23	_480002188
OSTROLEKA	1	40	27	_480002222
SIEDLCE	1	36	32	_480002263
WARSZAWA	1	29	38	_480002292
ZAKOPANE	1	28	42	_480004177
ZAMOSC	1	34	43	_480002326
BIALYSTOK_SIEDLCE_DEBLIN	2	32	2, 32, 6	_480002017

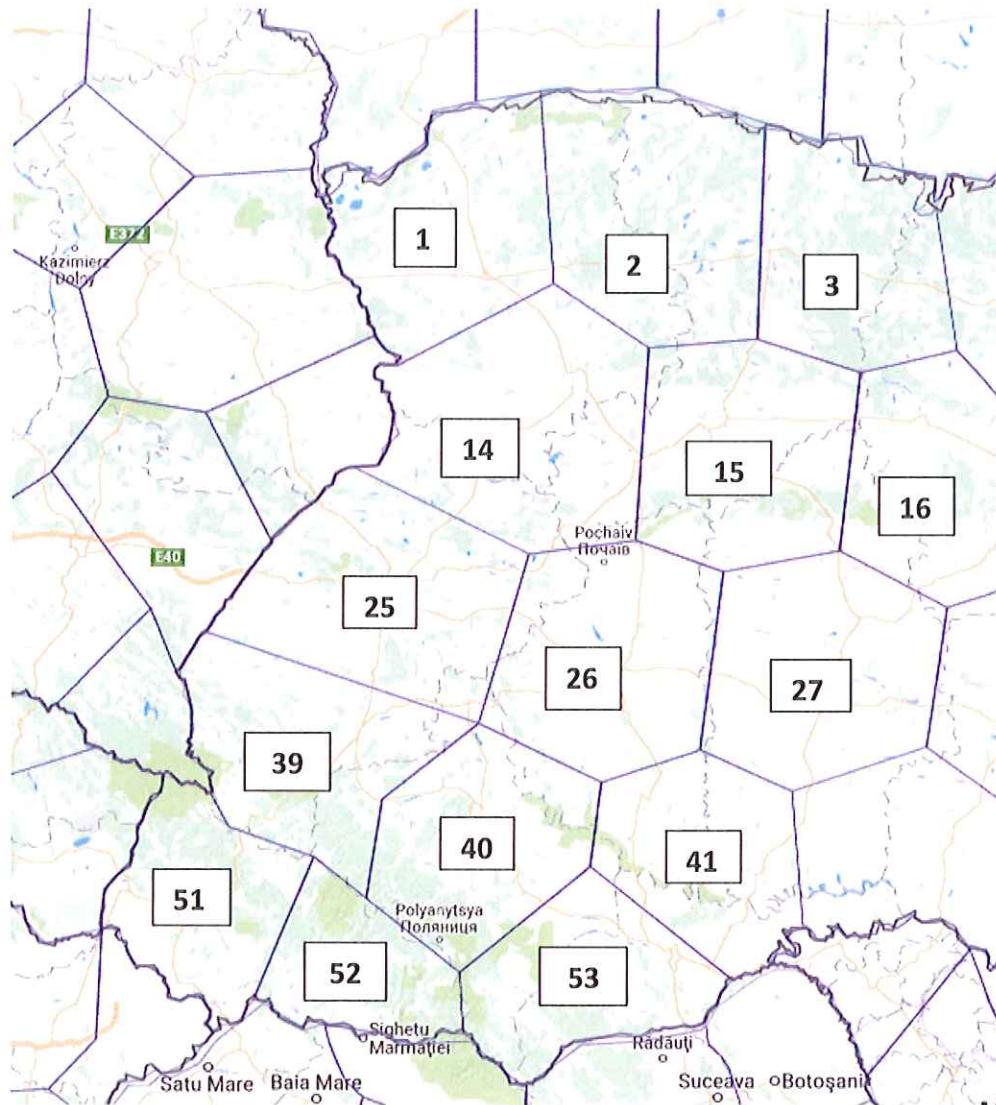
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BIESZCZADY_RZESZOW	2	32	3, 31	_480002026
KIELCE_OPOCZNO	2	37	15, 25	_480002123
LEZAJSK	2	41	21	_480002166
LUBLIN	2	21	23	_480002183
OLSZTYN_OSTROLEKA	2	28	24, 27	_480002199
OPOLE_KAT_WIS_KRA_TAR	2	23	26, 14, 39, 19, 37	_480002209
WARSZAWA	2	48	38	_480002293
ZAKOPANE_GORLICE	2	36	42, 20	_480002320
ZAMOSC	2	32	43	_480002325
BIALYSTOK Podlaskie	3	35	9202	_480002018
BIESZCZADY podkarpackie	3	29	9182	_480002025
DEBLIN mazowieckie	3	40	9145	_480004203
KIELCE swietokrzyskie	3	47	9261	_480002124
KRAKOW malopolskie	3	22	9121	_480002150
LEZAJSK podkarpackie	3	26	9181	_480002165
LUBLIN lubelskie	3	23	9062	_480002184
OSTROLEKA mazowieckie	3	42	9141	_480002816
SIEDLCE lubelskie	3	33	9061	_480004173
SIEDLCE mazowieckie	3	31	9144	_480004174
WARSZAWA mazowieckie	3	27	9143	_480002290
ZAKOPANE malopolskie	3	34	9122	_480002319
ZAMOSC lubelskie	3	36	9063	_480002327
BIALYSTOK_GIZYCKO_SUWALK	4	22	2, 9, 34	_480002015
DEBLIN	4	24	6	_480002050
ELBLAG_OLSZTYN_OSTROLEKA	4	21	7, 24, 27	_480002057
KIELCE_OPOCZNO	4	28	15, 25	_480002120
LUBLIN_SIEDLCE_ZAMOSC	4	39	23, 32, 43	_480002187
OPOLE_KAT_WIS_KRA_TAR	4	21	26, 14, 39, 19, 37	_480002110
WARSZAWA	4	34	38	_480002291
ZAKOPANE_GOR_BIE_RZE_LEZ	4	31	42, 20, 3, 31, 21	_480002318
ELBLAG_OLSZTYN_GIZY_OSTR	5	26	7, 24, 9, 27	_480002198
KATOWICE---LEZAJSK	5	43	14, 39, 9123, 3, 31, 21	_480002167
KIELCE_OPOCZNO_DEBLIN	5	44	15, 25, 6	_480002652
LUBLIN_ZAMOSC	5	35	23, 43	_480002186
WARSZAWA_SIEDLCE_BIA_SUW	5	43	38, 32, 2, 34	_480002265
BIALYSTOK_GIZYCKO_SUWALK	6	46	2, 9, 34	_480002019
KIELCE_OPOCZNO	6	42	15, 25	_480004205
KRAKOW_TARNOW	6	33	19, 37	_480002153
LUBLIN_ZAMOSC_DEBLIN	6	38	23, 43, 6	_480002330
SIEDLCE	6	37	32	_480002264
WARSZAWA_OSTROLEKA	6	41	38, 27	_480002223
ZAKOPANE_GOR_BIE_RZE_LEZ	6	48	42, 20, 3, 31, 21	_480002028

GE06
GE06 with new contour
New or modify allotments

List with number of channels Ukrainian allotments near Poland and Slovakia border



Contours id	GE06 channels	New channels
1	22,26,28,31,48	41
2	25,36,38,39	22,26
3	22,26,43,45,47	36
14	27,29,40,46	22,26
15	23,32,33,37,44	24
16	21,24,30,31,41	32
25	30,42,47	22,27,33
26	25,26,35,38,39	23
27	22,28,36,45	27,29
39	21,28,44	33,36,39
40	23,31,34,37,41	29
41	27,32,40,44,48	22
51	27,33,36,39	40,42
52	22,40,42,48	27,36
53	24,29,33,36,47	27