

# Coordination agreement relating to DTT in the band 470 – 694 MHz between Hungary and Poland

Warsaw 11 of December 2017

## 1. Background

In light of the Decision of the European Parliament and of the Council (EU) 2017/899 of 17 May 2017 on the use of the 470-790 MHz frequency band in the Union (Official Journal of the European Union L138/131 of 25 May 2017), by 30 June 2020, Hungary and Poland shall allow the use of the 694-790 MHz (700 MHz) frequency band for terrestrial systems capable of providing wireless broadband electronic communications services.

Negotiations have been launched in order to find a common final planning solution enabling use of up to six layers in each country.

## 2. 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 GE06 Plan.

Administration of Hungary coordinates only additional assignments in order to complete 6 DTT layer in the 470 – 694 MHz band and does not coordinate additional allotments. The Hungarian plan entries of the original GE06 plan and the later coordinated additional or modified assignments in the 470 – 694 MHz band remain unchanged and they are still valid.

The frequency plan established with this agreement by Administrations of Hungary are visualised in the following table.

LAYER	SOP	GYO	VES	VAS	FEJ	KOM	BARTOL	ZALSOM	KISCSA	CSO	BEK	HAI	SZ	C	HEV	NOG	PES	AGG	TOK	SZA	
1	33	35	35	33	35	35	27	24	27	31	38	38	36	36	36	36	36	36	35	35	38
2	25	25	29	29	29	29	45	29	45	23	23	46	46	23	46	46	29	31	31	31	
3	32	42	32	32	43	26	32	32	28	22	22	32	24	24	24	24	24	48	26	24	
4	46	46	46	46	30	41	37	31	25	26	41	29	30	39	39	41	41	45	29	29	
5	40	38	40	41	40	38	33	41	33	33	37	40	33	44	44	38	38	28	43	41	
6	22	22	22	22	34	22	47	22	42	42	34	34	34	34	34	34	34	34	34	34	

The list of new frequency assignments not stemming from the GE 06 Plan of Administration of Hungary successfully coordinated by Administration of Poland is presented in the **Annex 2**.

In the following section all the Polish entries having a channel number and section ADD after may be implemented from the day of entry into force of the present agreement. Status of the channels with section GE06 remains unchanged, they are in GE06 plan and they are still valid.

### Poland

Allotment	L1	L2	L3 REG	L4	L5	L6
Czestochowa	39 (GE06)	38 (ADD)	26 (GE06)	32 (GE06)	29 (GE06)	27 (ADD)
Zakopane	28 (ADD)	36 (GE06)	34 (GE06)	31 (GE06)	43 (GE06)	48 (ADD)

Gorlice	45 (GE06)	36 (GE06)	34 (GE06)	31 (GE06)	43 (ADD)	48 (ADD)
Kalisz	40 (GE06)	38 (GE06)	31 (GE06)	32 (ADD)	44 (GE06)	37 (GE06)
Katowice	24 (GE06)	23 (ADD)	41 (GE06)	21 (GE06)	43 (ADD)	40 (ADD)
Wisla	24 (GE06)	23 (ADD)	41 (GE06)	21 (GE06)	43 (ADD)	40 (ADD)
Kielce	30 (GE06)	37 (GE06)	47 (GE06)	28 (GE06)	44 (ADD)	42 (ADD)
Opoczno	30 (GE06)	37 (GE06)	40 (GE06)	28 (GE06)	44 (ADD)	42 (ADD)
Wroclaw	46 (ADD)	47 (ADD)	25 (GE06)	22 (ADD)	33 (GE06)	35 (ADD)
Klodzko	46 (ADD)	47 (ADD)	25 (GE06)	22 (ADD)	33 (ADD)	35 (ADD)
Krakow	25 (GE06)	23 (GE06)	22 (GE06)	21 (ADD)	43 (ADD)	33 (GE06)
Tarnow	45 (GE06)	23 (GE06)	22 (GE06)	21 (ADD)	43 (ADD)	33 (GE06)
Opole	42 (ADD)	23 (GE06)	34 (GE06)	21 (ADD)	29 (ADD)	35 (ADD)
Rzeszow	35 (GE06)	32 (GE06)	29 (GE06)	31 (ADD)	43 (ADD)	48 (GE06)
Lezajsk	24 (GE06)	41 (GE06)	26 (GE06)	31 (GE06)	43 (GE06)	48 (ADD)
Zamosc	34 (GE06)	32 (GE06)	36 (GE06)	39 (ADD)	35 (ADD)	38 (GE06)
Lublin	25 (GE06)	21 (GE06)	23 (GE06)	39 (GE06)	35 (GE06)	38 (ADD)

Polish assignments with characteristics according to **Annex 3** of this agreement are successfully coordinated by Administration of Hungary.

The detailed technical parameters for assignments by the **Annex 2** and **Annex 3** are recorded on the CD/DVD (**Annex 4**), one for each Administration, in electronic format (Terrasys notices) contained in the files:

- " HNG\_NEW\_ASSIGNMENTS\_6\_LAYER\_POL\_09112017.txt" for Administration of Hungary
- " GT1\_POL\_\_HNG\_29-08-2017.txt" for Administration of Poland

The GE06 allotments and associated assignments in the band above the 694 MHz are treated withdrawn mutually between signatories from the date from 06.09.2020.

The current GE06 frequency Plan will be updated by both Administrations according to the GE06 Article 4 ITU notification procedure based on this Agreement.

Administration of Hungary and Administration of Poland agree that they will not object the submitted new assignments subject of **Annex 2** and **Annex 3** of this Agreement with the technical parameters recorded on the CD/DVD (**Annex 4**).

The new assignments by the Agreement can be implemented from the date of signature.

### **3. The principles concerning the use of the broadcast band**

Both Parties have agreed to the future modification of the GE06 Plan in the coordination zone of Hungary and Poland with regard to the DTT frequency assignments in the 470-694 MHz frequency band. The appropriate coordination zone is described in **Annex 1**.

All future further national developments and refinements of the DTT networks in the 470 - 694 MHz frequency band in the coordination zone of Hungary and Poland shall be done by both Administrations according to Articles 4 of the GE06 Agreement.

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

DTT assignments of Administrations of Poland and Hungary above 694 MHz will not be used after 06.09.2020 in the coordination zone of Hungary and Poland.

The GE06 allotments and associated assignments above the 694 MHz band are treated withdrawn mutually between signatories from the date 06.09.2020.

The withdrawal of the GE06 allotments and associated assignments from the GE06 Plan as it is on the date of signature in the 470-862 MHz band will be done according to Article 4 of the GE06 Agreement later considering the agreements with third administrations as well.

### **4. Enter into force**

This agreement will enter into force upon the signature of two Administrations.

## 5. Language of the Agreement

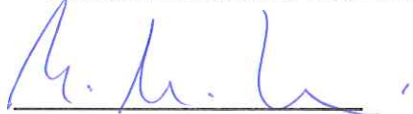
This Agreement is prepared in English in two originals. Each Administration holds one original.

Place: Warsaw

Date: 11 December 2017

For the Hungarian National Media and

Infocommunications Authority



Maria KISSNE-AKLI PhD

Head of Frequency Planning and Coordination Unit

NMHH

For the Polish Office of Electronic

Communication

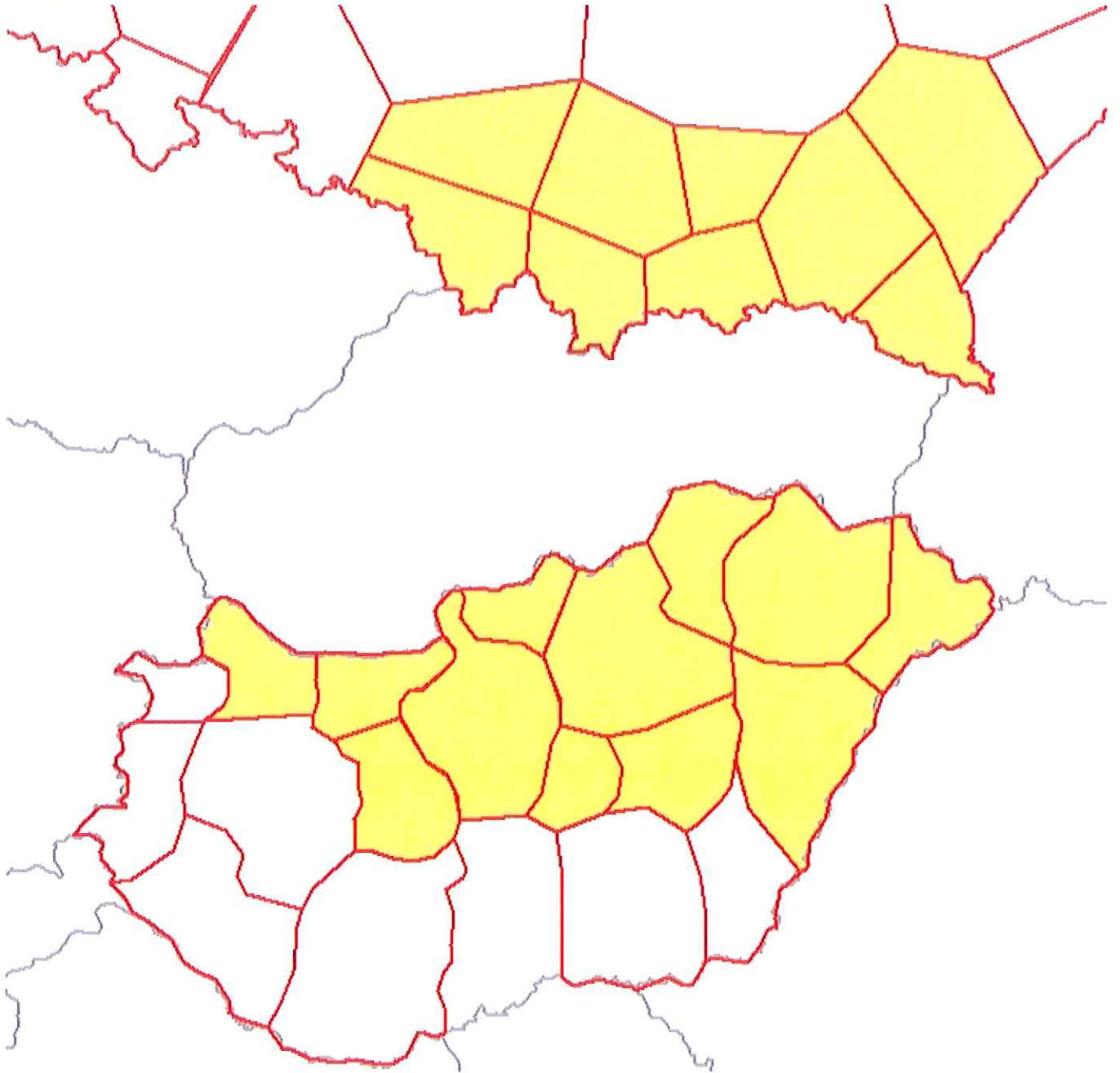


Wiktor SEGA PhD Eng.

Director of the Department of Frequency  
Resources Management

UKE

Annex 1



*John Rolt*

## Annex 2

### Assignments of Administration of Hungary agreed by Administration of Poland

No.	Name of station	channel	ERP (dBW)	LONG	LATT	Site height (ASL)	Eff. Height max	Ant. Diagr.	Polarization	Ant. Height (AGL)
1	AGGTELEK	34	44	020E44 01	48N28 49	515	474	D	H	105
2	BEKESCSABA	34	40	021E02 25	46N41 18	87	119	ND	H	117
3	BUDAPEST OMK	36	47	018E58 44	47N29 31	457	533	D	H	182
4	BUDAPEST OMK	29	47	018E58 44	47N29 31	457	533	D	H	182
5	BUDAPEST_HHH	36	40	019E00 05	47N33 00	439	432	D	H	95
6	BUDAPEST_HHH	29	40	019E00 05	47N33 00	439	432	D	H	95
7	BUDAPEST_SZAVA	36	38	019E07 33	47N28 07	115	119	D	H	107
8	BUDAPEST_SZAVA	29	38	019E07 33	47N28 07	115	119	D	H	107
9	CEGLED	44	22	019E47 43	47N10 19	105	106	D	H	95
10	CEGLED	24	22	019E47 43	47N10 19	105	106	D	H	95
11	CEGLED	23	22	019E47 43	47N10 19	105	106	D	H	95
12	DEBRECEN	38	42	021E38 05	47N34 39	129	118	D	H	99
13	DEBRECEN	34	42	021E38 05	47N34 39	129	118	D	H	99
14	FEHERGYARMAT	29	47	022E35 13	47N59 55	111	211	D	H	210
15	FEHERGYARMAT	31	47	022E35 13	47N59 55	111	211	D	H	210
16	GERECSE	35	47	018E29 38	47N40 34	620	593	D	H	125
17	GERECSE	22	47	018E29 38	47N40 34	620	593	D	H	125
18	GERECSE	38	47	018E29 38	47N40 34	620	593	D	H	125
19	GYOR	38	44	017E40 07	47N39 39	134	125	ND	H	102
20	KABHEGY	29	47	017E39 13	47N02 56	574	563	D	H	228
21	KABHEGY	32	47	017E39 13	47N02 56	574	563	D	H	228
22	KABHEGY	40	47	017E39 13	47N02 56	574	563	D	H	228
23	KARANCS	34	42	019E47 21	48N09 27	710	526	D	H	28
24	KARANCS	41	42	019E47 21	48N09 27	710	526	D	H	28
25	KARCAG-PUSPOKLADANY	46	39	020E56 31	47N18 20	85	64	D	H	64
26	KARCAG-PUSPOKLADANY	24	39	020E56 31	47N18 20	85	64	D	H	64
27	KARCAG-PUSPOKLADANY	33	38	020E56 31	47N18 19	85	64	D	H	64
28	KARCAG-PUSPOKLADANY	34	38	020E56 31	47N18 19	85	64	D	H	64
29	KECSKEMET	24	34	019E41 04	46N53 47	117	83	D	H	73
30	KECSKEMET	44	34	019E41 04	46N53 47	117	83	D	H	73
31	KECSKEMET	23	34	019E41 04	46N53 47	117	83	D	H	73
32	KEKES	46	47	020E00 33	47N52 22	1012	934	D	H	146
33	KEKES	24	47	020E00 33	47N52 22	1012	934	D	H	146
34	KEKES	34	47	020E00 33	47N52 22	1012	934	D	H	146
35	KOMADI	38	47	021E29 37	47N01 07	90	174	D	H	171

*Tom salt*

36	KOMADI	34	47	021E29 37	47N01 07	90	174	D	H	171
37	NAGY HIDEG-HEGY	29	36	018E55 18	47N56 11	852	650	D	H	15
38	NAGY HIDEG-HEGY	36	36	018E55 18	47N56 11	852	650	D	H	15
39	NAGYKANIZSA	29	47	017E01 08	46N33 46	308	365	D	H	198
40	NAGYKANIZSA	32	47	017E01 08	46N33 46	308	365	D	H	198
41	NAGYKANIZSA	22	47	017E01 08	46N33 46	308	365	D	H	198
42	NYIREGYHAZA	29	32	021E42 58	47N56 52	110	64	D	H	55
43	NYIREGYHAZA	34	32	021E42 58	47N56 52	110	64	D	H	55
44	PECS	27	47	018E13 12	46N05 57	534	588	D	H	182
45	PECS	45	47	018E13 12	46N05 57	534	588	D	H	182
46	PECS	33	47	018E13 12	46N05 57	534	588	D	H	182
47	SOPRON	22	47	016E34 06	47N39 44	390	386	D	H	128
48	SOPRON	46	47	016E34 06	47N39 44	390	386	D	H	128
49	SZEGED	33	44	020E09 05	46N13 57	80	80	D	H	80
50	SZEGED	42	44	020E09 05	46N13 57	80	80	D	H	80
51	SZEKESFEHERVAR	35	39	018E23 42	47N09 10	117	110	D	H	97
52	SZEKESFEHERVAR	34	39	018E23 42	47N09 10	117	110	D	H	97
53	SZENTES	42	47	020E16 57	46N37 26	83	233	D	H	230
54	SZENTES	33	46.8	020E16 57	46N37 26	83	233	D	H	230
55	SZOLNOK	33	43	020E13 33	47N11 31	87	67	D	H	65
56	SZOLNOK	34	43	020E13 33	47N11 31	87	67	D	H	65
57	SZOLNOK	46	43	020E13 33	47N11 31	87	67	D	H	65
58	SZOLNOK	24	43	020E13 33	47N11 31	87	67	D	H	65
59	SZOMBATHELY	22	42	016E32 17	47N13 43	301	164	D	H	66
60	SZOMBATHELY	29	42	016E32 17	47N13 43	301	164	D	H	66
61	SZOMBATHELY	41	42	016E32 17	47N13 43	301	164	D	H	66
62	SZOMBATHELY	46	42	016E32 17	47N13 43	301	164	D	H	66
63	TOKAJ	29	48	021E22 54	48N07 13	512	525	D	H	106
64	TOKAJ	34	48	021E22 54	48N07 13	512	525	D	H	106
65	UZD	27	47	018E34 44	46N35 28	204	204	D	H	99
66	UZD	45	47	018E34 44	46N35 28	204	204	D	H	99
67	UZD	33	47	018E34 44	46N35 28	204	204	D	H	99
68	VASVAR	29	47	016E39 08	46N57 21	249	185	D	H	125
69	VASVAR	41	47	016E39 08	46N57 21	249	185	D	H	125
70	VASVAR	22	47	016E39 08	46N57 21	249	185	D	H	125
71	VASVAR	46	47	016E39 08	46N57 21	249	185	D	H	125
72	ZALAEGRSZEG	29	32	016E48 46	46N48 49	293	219	D	H	76
73	ZALAEGRSZEG	22	32	016E48 46	46N48 49	293	219	D	H	76
74	ZALAEGRSZEG	46	32	016E48 46	46N48 49	293	219	D	H	76

## Annex 3

### Assignments of Administration of Poland agreed by Administration of Hungary

Name of station	Layer	Ch	P	Coordinates	A.s.l.	A.g.l.	Heff	dBW	Dir	Assignment	Allotment
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
CIESZANOW	3	26	H	23e0818 50n1510	224	45	65	34	ND	480003245	480002165
CIESZYN / Mickiewicza	3	41	H	18e3819 49n4419	349	61	164	16,9	D	480003096	480002112
CZESTOCHOWA / Bleszno	3	41	H	19e0845 50n4623	298	70	118	34,8	ND	480002839	480002112
CZESTOCHOWA / Wreczyca	1	39	H	18e5148 50n5049	270	313	344	50	D	480002372	480002046
CZESTOCHOWA / Wreczyca	2	38	H	18e5148 50n5049	270	313	344	50	D	480004285	480002105
CZESTOCHOWA / Wreczyca*	3	26	H	18e5148 50n5049	270	313	344	50	D	480002373	480002042
CZESTOCHOWA / Wreczyca	3	41	H	18e5148 50n5049	270	196	227	49	D	480003099	480002112
CZESTOCHOWA / Wreczyca	4	32	H	18e5148 50n5049	270	313	344	50	D	480002374	480002044
CZESTOCHOWA / Wreczyca	5	29	H	18e5148 50n5049	270	313	344	50	D	480002370	480002043
CZESTOCHOWA / Wreczyca	6	27	H	18e5148 50n5049	270	313	344	50	D	480004284	480004160
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
KALISZ / Chelmce	3	31	H	18e1002	180	72	143	37	ND	480003122	480002100

*Jan Galt*



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KALISZ / Mikstat	1	40	H	17e5939 51n3156	219	263	357	50	ND	480002651	480002650
KALISZ / Mikstat	2	38	H	17e5939 51n3156	219	263	357	50	ND	480001623	480002105
KALISZ / Mikstat	3	26	H	17e5939 51n3156	219	263	357	45,4	ND	480003123	480002042
KALISZ / Mikstat	3	31	H	17e5939 51n3156	219	263	357	50	ND	480002427	480002100
KALISZ / Mikstat	4	32	H	17e5939 51n3156	219	263	357	50	ND	480004314	480002044
KALISZ / Mikstat	5	44	H	17e5939 51n3156	219	263	357	50	ND	480002428	480002101
KALISZ / Mikstat	6	37	H	17e5939 51n3156	219	263	357	50	ND	480002423	480002102
KATOWICE / Bytkow	3	41	V	19e0020 50n1744	315	85	142	40	ND	480003433	480002112
KATOWICE / Kosztowy	1	24	H	19e0700 50n1117	306	345	405	50	ND	480002434	480002111
KATOWICE / Kosztowy	2	23	H	19e0700 50n1117	306	345	405	50	ND	480004316	480002209
KATOWICE / Kosztowy*	3	34	H	19e0700 50n1117	306	251	311	37	D	480003430	480002210
KATOWICE / Kosztowy	3	41	H	19e0700 50n1117	306	328	388	50	D	480002432	480002112
KATOWICE / Kosztowy	4	21	H	19e0700 50n1117	306	345	405	50	ND	480004315	480002110
KATOWICE / Kosztowy	5	43	H	19e0700 50n1117	306	345	405	50	ND	480004318	480002167
KATOWICE / Kosztowy	6	40	H	19e0700 50n1117	306	345	405	50	ND	480004317	480004165
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
KLODZKO / Czarna Gora	1	46	H	16e4807 50n1519	1133	52	756	47	D	480004324	480004176
KLODZKO / Czarna Gora	2	47	H	16e4807 50n1519	1133	52	756	47	D	480004325	480002096
KLODZKO / Czarna Gora	3	25	H	16e4807 50n1519	1133	52	756	47	D	480002442	480002304
KLODZKO / Czarna Gora	4	22	H	16e4807 50n1519	1133	52	756	47	D	480004321	480002314
KLODZKO / Czarna Gora	5	33	H	16e4807 50n1519	1133	52	756	47	D	480004322	480002305
KLODZKO / Czarna Gora	6	35	H	16e4807 50n1519	1133	52	756	47	D	480004323	480002094
KRAKOW / Choragwica	1	25	H	20e0455 49n5731	421	275	484	50	ND	480002460	480002152

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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
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
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
MIEDZYBRODZIE	3	34	H	19e1329 49n4715	756	46	517	35,4	D	480003265	480002319
OLESNO	3	34	H	18e2611 50n5327	245	60	97	38,5	ND	480003266	480002210
OPOLE / Chrzelice	1	42	H	17e4341 50n2943	188	195	206	50	ND	480004351	480004209
OPOLE / Chrzelice	2	23	H	17e4341 50n2943	188	195	206	50	ND	480002501	480002209
OPOLE / Chrzelice	3	34	H	17e4341 50n2943	188	195	206	50	ND	480002502	480002210
OPOLE / Chrzelice	4	21	H	17e4341 50n2943	188	195	206	50	ND	480004348	480002110
OPOLE / Chrzelice	5	29	H	17e4341	188	195	206	50	ND	480004349	480002043

				50n2943							
OPOLE / Chrzelice	6	35	H	17e4341 50n2943	188	195	206	50	ND	480004350	480002094
OPOLE / Korfantego	3	34	H	17e5526 50n3944	158	75	84	36	D	480003387	480002210
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	26	H	20e3419 51n2131	309	195	327	40	ND	480003181	480002042
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
RYBNIK	3	41	H	18e3124 50n0804	236	262	289	37,8	D	480003444	480002112
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
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
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
SZYNDZIELNIA	3	41	H	19e0005 49n4538	950	23	653	30	D	480003438	480002112
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
WIERZBICA GORNA	3	34	H	18e0034 51n0157	174	78	91	40,8	ND	480003280	480002210
WISLA / Skrzyczne	1	24	H	19e0146 49n4106	1250	82	943	47	D	480002590	480002111
WISLA / Skrzyczne	2	23	H	19e0146 49n4106	1250	82	943	47	D	480004390	480002209
WISLA / Skrzyczne	3	41	H	19e0146 49n4106	1250	82	943	47	D	480002589	480002112
WISLA / Skrzyczne	4	21	H	19e0146 49n4106	1250	82	943	47	D	480002586	480002110
WISLA / Skrzyczne	5	43	H	19e0146 49n4106	1250	82	943	47	D	480004392	480002167
WISLA / Skrzyczne	6	40	H	19e0146 49n4106	1250	82	943	47	D	480004391	480004165
WROCLAW / Sleza	1	46	H	16e4235 50n5153	675	125	636	50	ND	480004404	480004176
WROCLAW / Sleza	2	47	H	16e4235 50n5153	675	125	636	50	ND	480004405	480002096
WROCLAW / Sleza	3	25	H	16e4235 50n5153	675	125	636	50	ND	480002591	480002304
WROCLAW / Sleza	4	22	H	16e4235 50n5153	675	125	636	50	ND	480004402	480002314
WROCLAW / Sleza	5	33	H	16e4235 50n5153	675	125	636	50	ND	480002595	480002305
WROCLAW / Sleza	6	35	H	16e4235	675	125	636	50	ND	480004403	480002094

				50n5153							
WROCLAW / Zorawina	3	25	H	17e0116 50n5859	130	200	205	44,8	D	480003409	480002304
ZABRZE	3	41	H	18e4843 50n1756	273	150	192	43	D	480003445	480002112
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	ND	480004397	480002186
ZAMOSC / Tarnawatka	6	38	H	23e2350 50n3124	317	143	225	47	ND	480002611	480002330

*Team Golf* 