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Mototrbo-national

[Versionsgeschichte interaktiv durchsuchen](#)
[VisuellWikitext](#)

Version vom 15. November 2014, 22:52

Uhr (Quelltext anzeigen)

Oe6jwd ([Diskussion](#) | [Beiträge](#))

K (→HYTERA-Umsetzer)

[← Zum vorherigen Versionsunterschied](#)

Aktuelle Version vom 27. April 2021, 14:

48 Uhr (Quelltext anzeigen)

HB9EVT ([Diskussion](#) | [Beiträge](#))

Markierung: **Visuelle Bearbeitung**

(8 dazwischenliegende Versionen von 3 Benutzern werden nicht angezeigt)

Zeile 1:		Zeile 1:	
–	[[Kategorie:DMR]]	+	{{Länderspezifisch AT}}
–	== Allgemeine Info ==	+	==Allgemeine Info==
	Für DMR-Funkgespräche stehen pro Umsetzer zwei Zeitschlitz (TS = TimeSlot) zur Verfügung. Durch diese zwei Zeitschlitz ist es möglich 2 Funkgespräche unabhängig von einander am gleichen Umsetzer zuführen. Innerhalb der Zeitschlitz kann mit Hilfe von Sprechgruppen (TG = TalkGroups) die "Reichweite" des Funkgesprächs gesteuert werden.		Für DMR-Funkgespräche stehen pro Umsetzer zwei Zeitschlitz (TS = TimeSlot) zur Verfügung. Durch diese zwei Zeitschlitz ist es möglich 2 Funkgespräche unabhängig von einander am gleichen Umsetzer zuführen. Innerhalb der Zeitschlitz kann mit Hilfe von Sprechgruppen (TG = TalkGroups) die "Reichweite" des Funkgesprächs gesteuert werden.
Zeile 8:		Zeile 8:	
	{		{
	-		-
–	 ■ TG 232 = für österreichweite Funkgespräche	+	 ■ TG 232 = für österreichweite Funkgespräche
	-		-
–	 ■ TG 8 = für regionale Funkgespräche	+	 ■ TG 8 = für regionale Funkgespräche
	-		-
–	 ■ TG 9 = für lokale bzw. regionale Funkgespräche	+	 ■ TG 9 = für lokale bzw. regionale Funkgespräche

}	
Zeile 21:	Zeile 21:
-	+ ==Sprechgruppen / Talkgroups in Österreich==
- == Sprechgruppen / Talkgroups in Österreich ==	
Stand: 28. August 2014 	Stand: 28. August 2014
Zeile 29:	Zeile 28:
- == Sprechgruppen (TGs) in Österreich ==	+ ==Sprechgruppen (TGs) in Österreich==
Diese Sprechgruppen-Liste gilt in Österreich auf den Relais laut Umsetzerliste (siehe [[Frequenzen-OE]] mit Standortkarte) und sollte somit in allen österreichischen Geräte-Codeplugs (siehe [[Mototrbo-Programmierung]]) abgebildet sein. Wobei die genaue Verbreitung der TG1x in OE aus der weiter unten stehenden Matrix [http://wiki.oevsv.at/index.php?title=Mototrbo-national#DMR_Talkgroup-Matrix_in_.C3.96sterreich] entnommen werden kann.	Diese Sprechgruppen-Liste gilt in Österreich auf den Relais laut Umsetzerliste (siehe [[Frequenzen-OE]] mit Standortkarte) und sollte somit in allen österreichischen Geräte-Codeplugs (siehe [[Mototrbo-Programmierung]]) abgebildet sein. Wobei die genaue Verbreitung der TG1x in OE aus der weiter unten stehenden Matrix [http://wiki.oevsv.at/index.php?title=Mototrbo-national#DMR_Talkgroup-Matrix_in_.C3.96sterreich] entnommen werden kann.
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- !style="text-align:center" Sprechgruppe Talkgroup !!style="text-align:center" Sprechgruppen- bezeichnung !! style="text-align:left" Verbreitungsgebiet !!style="text-align:center" Zeitschlitz Timeslot !! Bemerkungen	+ ! style="text-align:center;" Sprechgruppe Talkgroup!! style="text-align:center;" Sprechgruppen- bezeichnung!! style="text-align:left;" Verbreitungsgebiet!! style="text-align:center;" Zeitschlitz Timeslot!! Bemerkungen

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-	<code> style="text-align:center" TG 10 10 WW DEU in alle weltweiten Netze style="text-align:center" TS 1 für weltweite QSOs in deutsch</code>	+	<code> style="text-align:center;" TG 10 10 WW DEU in alle weltweiten Netze style="text-align:center;" TS 1 für weltweite QSOs in deutsch</code>
-	<code> -style="background-color:#7ecd8e"</code>	+	<code> - style="background-color:#7ecd8e"</code>
-	<code> style="text-align:center" TG 11 11 WW FRA in alle weltweiten Netze style="text-align:center" TS 1 für weltweite QSOs in französisch <small>(nicht auf allen OE-Umsetzern verfügbar!)</small></code>	+	<code> style="text-align:center;" TG 11 11 WW FRA in alle weltweiten Netze style="text-align:center;" TS 1 für weltweite QSOs in französisch <small>(nicht auf allen OE- Umsetzern verfügbar!)</small></code>
-	<code> -style="background-color:#7ecd8e"</code>	+	<code> - style="background-color:#7ecd8e"</code>
-	<code> style="text-align:center" TG 12 12 WW NLD in alle weltweiten Netze style="text-align:center" TS 1 für weltweite QSOs in niederländisch <small>(nicht auf allen OE-Umsetzern verfügbar!)</small></code>	+	<code> style="text-align:center;" TG 12 12 WW NLD in alle weltweiten Netze style="text-align:center;" TS 1 für weltweite QSOs in niederländisch <small>(nicht auf allen OE- Umsetzern verfügbar!)</small></code>
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-	<code>== Österreichweite DMR-Abdeckung ==</code>	+	<code>==Österreichweite DMR-Abdeckung==</code>
	Detailliertere Informationen/Darstellungen zu den Abdeckungen der einzelnen Umsetzer und der DMR-Regionen (TG 8 & 9) in Österreich sind bei [[Mototrbo- Umsetzer-Footprints]] zu finden		Detailliertere Informationen/Darstellungen zu den Abdeckungen der einzelnen Umsetzer und der DMR-Regionen (TG 8 & 9) in Österreich sind bei [[Mototrbo- Umsetzer-Footprints]] zu finden
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- |style="font-size:14pt" align="center"
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  | x
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- |}
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- ```
| width="40" align="center" | DEU
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| – | width="40" align="center"   OE<br />1/3/6                                       |  |
| – | width="40" align="center"   OE8                                                 |  |
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| – | width="40" align="center"   AUT                                                 |  |
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- | width="40" align="center" | 2
- | width="40" align="center" | 10
- | width="40" align="center" | 11
- | width="40" align="center" | 12
- | width="40" align="center" | 13
- | width="40" align="center" | 14
- | width="40" align="center" | 20
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- | width="40" align="center" | 262
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- 
- |- style="background-color:#C6E0B4"
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- `|`
- `|}`
- `&nbsp;"'1"' &nbsp;=&nbsp;"'2m-`  
`Umsetzer"`
- `<br />`
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- `Sprachencodes nach [http://de.`  
`wikipedia.org/wiki/ISO_639#ISO_639-`  
`3 ISO 639-3]`
- `<br />`
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- `<br />`

---

**Aktuelle Version vom 27. April 2021, 14:48 Uhr**

---

 **Österreich** - Die folgenden Angaben betreffen Österreich (und haben ggf. nur dort Gültigkeit).

---

## Inhaltsverzeichnis

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## Allgemeine Info

Für DMR-Funkgespräche stehen pro Umsetzer zwei Zeitschlitz (TS = TimeSlot) zur Verfügung. Durch diese zwei Zeitschlitz ist es möglich 2 Funkgespräche unabhängig von einander am gleichen Umsetzer zuzuführen. Innerhalb der Zeitschlitz kann mit Hilfe von Sprechgruppen (TG = TalkGroups) die "Reichweite" des Funkgesprächs gesteuert werden. Für Funkgespräche innerhalb Österreichs sind drei TalkGroups definiert worden:

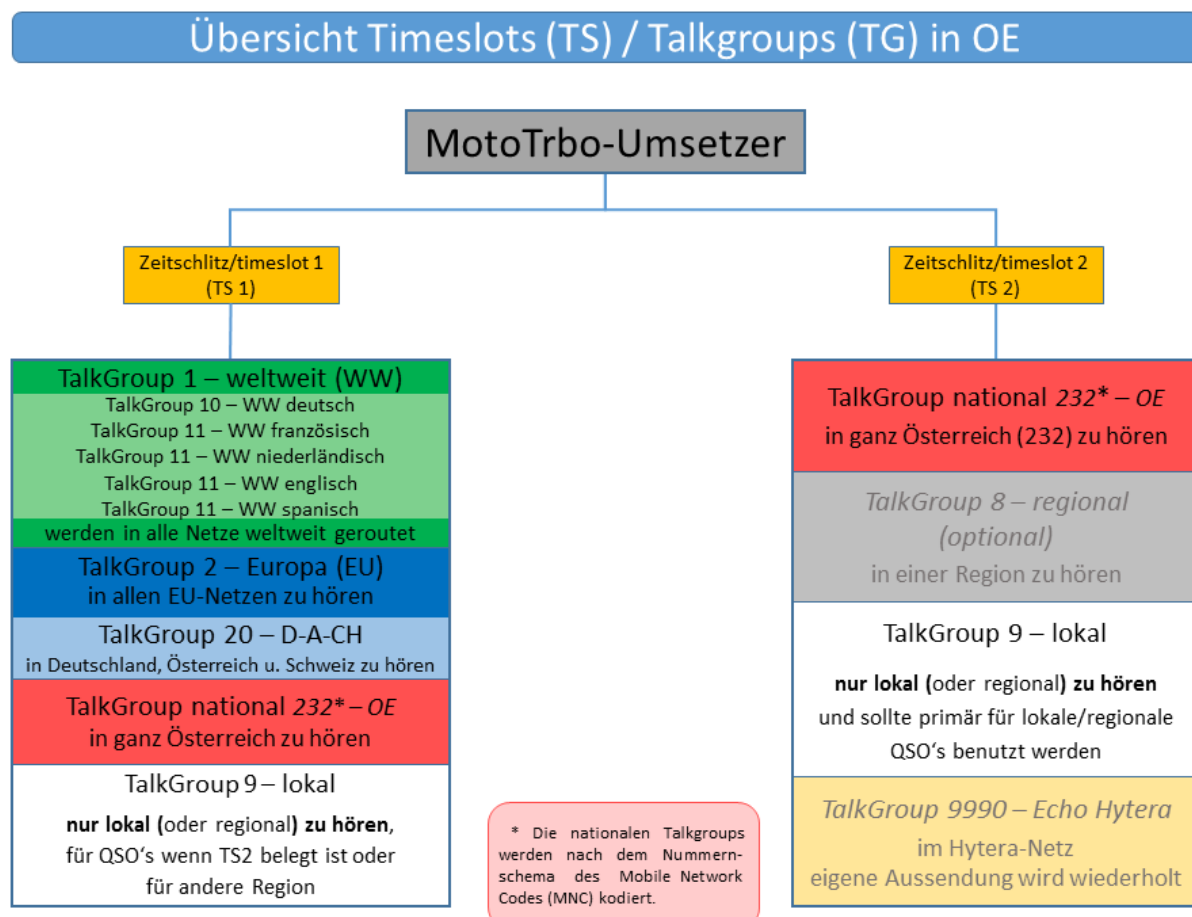
- TG 232 = für österreichweite Funkgespräche
- TG 8 = für regionale Funkgespräche
- TG 9 = für lokale bzw. regionale Funkgespräche

Für österreichweite und lokale Verbindungen sollte primär der Zeitschlitz 2 (TS 2) verwendet werden, da der Zeitschlitz 1 auch für internationale Verbindungen vorgesehen ist.

Weitere Details zu TS bzw. TG sind bei *Mototrbo-international* zu finden

## Sprechgruppen / Talkgroups in Österreich

Stand: 28. August 2014



## Sprechgruppen (TGs) in Österreich

Diese Sprechgruppen-Liste gilt in Österreich auf den Relais laut Umsetzerliste (siehe **Frequenzen-OE** mit Standortkarte) und sollte somit in allen österreichischen Geräte-Codeplugs (siehe **Mototrbo-Programmierung**) abgebildet sein. Wobei die genaue Verbreitung der TG1x in OE aus der weiter unten stehenden Matrix [\[1\]](#) entnommen werden kann.

| Sprechgruppe<br>Talkgroup | Sprechgruppen-<br>bezeichnung | Verbreitungsgebiet                   | Zeitschlitz<br>Timeslot | Bemerkungen                                                                    |
|---------------------------|-------------------------------|--------------------------------------|-------------------------|--------------------------------------------------------------------------------|
| TG 1                      | 1 WELTWEIT WW                 | in alle weltweiten Netze             | TS 1                    | für weltweite <b>Anrufe</b> und <b>KURZE</b> QSOs                              |
| TG 10                     | 10 WW DEU                     | in alle weltweiten Netze             | TS 1                    | für weltweite QSOs in deutsch                                                  |
| TG 11                     | 11 WW FRA                     | in alle weltweiten Netze             | TS 1                    | für weltweite QSOs in französisch (nicht auf allen OE-Umsetzern verfügbar!)    |
| TG 12                     | 12 WW NLD                     | in alle weltweiten Netze             | TS 1                    | für weltweite QSOs in niederländisch (nicht auf allen OE-Umsetzern verfügbar!) |
| TG 13                     | 13 WW ENG                     | in alle weltweiten Netze             | TS 1                    | für weltweite QSOs in englisch (nicht auf allen OE-Umsetzern verfügbar!)       |
| TG 14                     | 14 WW SPA                     | in alle weltweiten Netze             | TS 1                    | für weltweite QSOs in spanisch (nicht auf allen OE-Umsetzern verfügbar!)       |
| TG 2                      | 2 EUROPA                      | in alle europäischen Netze           | TS 1                    | für europaweite Anrufe und QSOs                                                |
| TG 20                     | 20 D-A-CH                     | Deutschland, Österreich & Schweiz    | TS 1                    | für deutschsprachige Anrufe und QSOs                                           |
| TG 232                    | 232 ÖSTERREICH                | alle österreichischen Regionalnetze  | TS 1                    | für Anrufe und kurze nationale Gespräche in OE                                 |
| TG 9                      | 9 LOKAL                       | keine Weiterleitung, regionales Netz | TS 1                    | Lokalbetrieb, wenn TS2 besetzt ist, gilt für alle Regionalnetze                |
| TG 232                    | 232 ÖSTERREICH                | alle österreichischen Regionalnetze  | TS 2                    | für längere, österreichweite Gespräche                                         |
|                           |                               | regionales Netz (OE1)                |                         |                                                                                |

| Sprechgruppe<br>Talkgroup | Sprechgruppen-<br>bezeichnung | Verbreitungsgebiet                      | Zeitschlitz<br>Timeslot | Bemerkungen                                                    |
|---------------------------|-------------------------------|-----------------------------------------|-------------------------|----------------------------------------------------------------|
| TG 8                      | 8 REGIONAL                    | & OE3)                                  | TS 2                    | für regionale QSOs                                             |
| TG 9                      | 9 LOKAL                       | keine Weiterleitung,<br>regionales Netz | TS 2                    | für längere, lokale<br>QSOs, gilt für alle<br>Regionalnetze    |
| TG 9990                   | 9990 ECHO                     | keine Weiterleitung                     | TS 2                    | Hytera Netz - eigene<br>Ausendung wird<br>wiederholt (Papagei) |

Österreichweite DMR-Abdeckung

Detailliertere Informationen/Darstellungen zu den Abdeckungen der einzelnen Umsetzer und der DMR-Regionen (TG 8 & 9) in Österreich sind bei [Mototrbo-Umsetzer-Footprints](#) zu finden

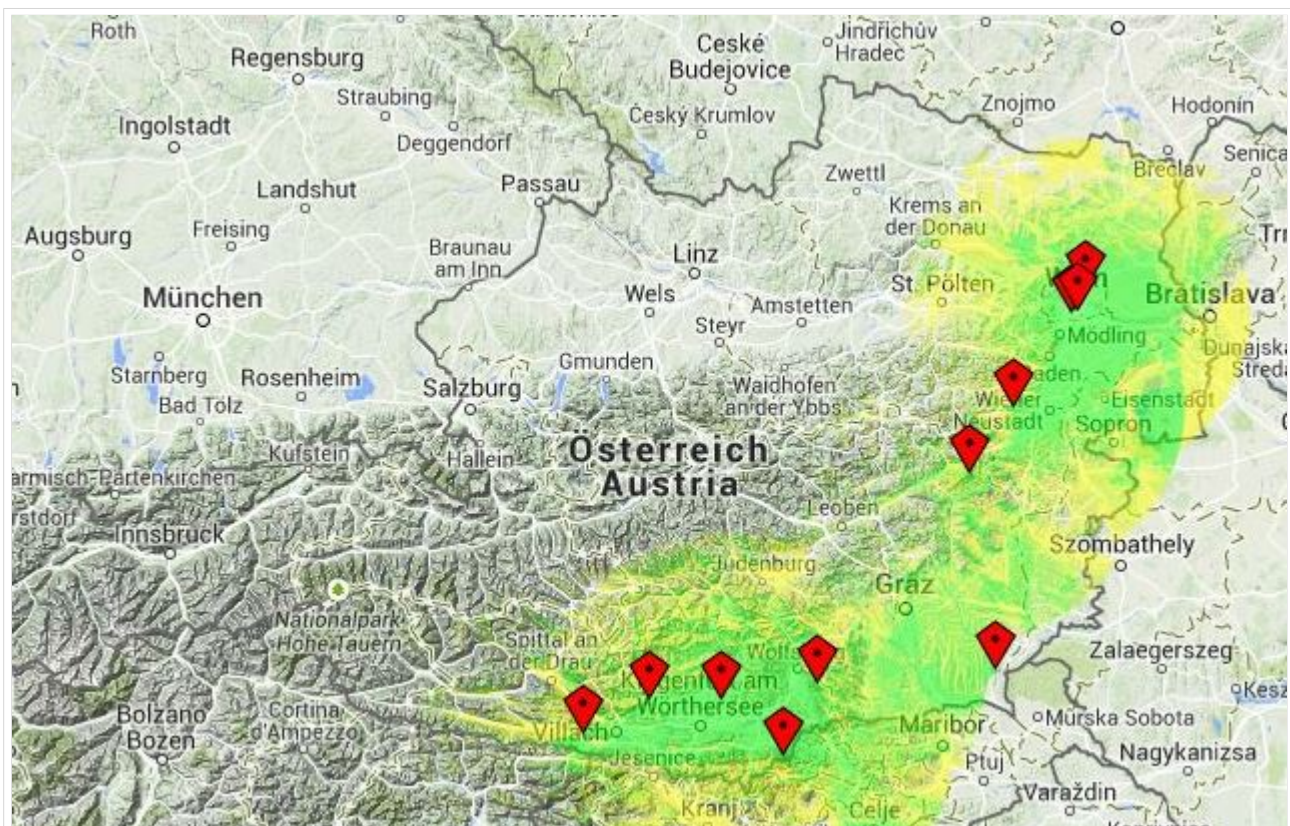
Motorola



Darstellung der Motorola DMR Abdeckung in Österreich auf TG232



## Hytera



Darstellung der Hytera DMR Abdeckung in Österreich auf TG232



## Mototrbo-national und Benutzer Diskussion:HB9EVT: Unterschied zwischen den Seiten

VisuellWikitext

Version vom 15. November 2014, 22:52

**Uhr (Quelltext anzeigen)**

Oe6jwd ([Diskussion](#) | [Beiträge](#))

K ([→HYTERA-Umsetzer](#))

Aktuelle Version vom 22. April 2021, 03:

**17 Uhr (Quelltext anzeigen)**

HB9EVT ([Diskussion](#) | [Beiträge](#))

(Intro-Text zu meiner Diskussionseite)

Markierung: 2017-Quelltext-Bearbeitung

|                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Zeile 1:                                                                                                                                                                                                                                                                                                                                                | Zeile 1:                                                                                                                                                                                                                                                         |
| – <b>[[Kategorie:DMR]]</b>                                                                                                                                                                                                                                                                                                                              | + <b>Hallo</b>                                                                                                                                                                                                                                                   |
|                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                  |
| – <b>== Allgemeine Info ==</b>                                                                                                                                                                                                                                                                                                                          | + <b>Hast du eine Anregung zu einem Wiki-Artikel von mir oder zu einer von mir verfassten Ergänzung oder Korrektur eines bestehenden Wiki-Artikels, dann bitte hinterlass mir hier eine Nachricht oder kontaktier mich per eMail: &lt;rufzeichen&gt;@uska.ch</b> |
|                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                  |
| – <b>Für DMR-Funkgespräche stehen pro Umsetzer zwei Zeitschlitz (TS = TimeSlot) zur Verfügung. Durch diese zwei Zeitschlitz ist es möglich 2 Funkgespräche unabhängig von einander am gleichen Umsetzer zuführen. Innerhalb der Zeitschlitz kann mit Hilfe von Sprechgruppen (TG = TalkGroups) die "Reichweite" des Funkgesprächs gesteuert werden.</b> | + <b>[[Benutzer:HB9EVT HB9EVT]] ([[Benutzer Diskussion:HB9EVT Diskussion]]) 03:17, 22. Apr. 2021 (CEST)</b>                                                                                                                                                      |
| – <b>Für Funkgespräche innerhalb Österreichs sind drei TalkGroups definiert worden:</b>                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                  |
| –                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                  |
| – <b>{ </b>                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                  |
| – <b> -</b>                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                  |
| – <b>  &amp;nbsp;■ TG 232    = für österreichweite Funkgespräche</b>                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                  |
| – <b> -</b>                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                  |



| &nbsp;■ TG 8 ||= für regionale  
Funkgespräche

|-

| &nbsp;■ TG 9 ||= für lokale bzw.  
regionale Funkgespräche

|}

Für österreichweite und lokale  
Verbindungen sollte primär der  
Zeitschlitz 2 (TS 2) verwendet  
werden, da der Zeitschlitz 1 auch für  
internationale Verbindungen  
vorgesehen ist.

"Weitere Details zu TS bzw. TG sind  
bei [[Mototrbo-international]] zu  
finden"

== Sprechgruppen / Talkgroups in  
Österreich ==

<br>

Stand: 28. August 2014<br>

[[Datei:TG neu OEversion color.png|800x600px]]

<br>

== Sprechgruppen (TGs) in  
Österreich ==

Diese Sprechgruppen-Liste gilt in Österreich auf den Relais laut Umsetzerliste (siehe [[Frequenzen-OE]] mit Standortkarte) und sollte somit in allen österreichischen Geräte-Codeplugs (siehe [[Mototrbo-Programmierung]]) abgebildet sein. Wobei die genaue Verbreitung der TG1x in OE aus der weiter unten stehenden Matrix [[http://wiki.oevsv.at/index.php?title=Mototrbo-national#DMR Talkgroup-Matrix](http://wiki.oevsv.at/index.php?title=Mototrbo-national#DMR_Talkgroup-Matrix)] in .C3.96sterreich] entnommen werden kann.<br><br>

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|-
```

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 Talkgroup !!style="text-align:center"| Sprechgruppen-
bezeichnung !!style="text-align:left"|Verbreitungsgebiet !!style="text-align:center"| Zeitschlitz
Timeslot !! Bemerkungen
```

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```

```
!style="text-align:center"|TG 1 ||1
WELTWEIT WW || in alle weltweiten
Netze ||style="text-align:center"|TS 1
|| für weltweite ""Anrufe"" und
<u>""KURZE""</u> QSOs
```

```
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```

```
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WW DEU || in alle weltweiten Netze
||style="text-align:center"|TS 1 || für
weltweite QSOs in deutsch
```

```
|-style="background-color:#7ecd8e"
```

```
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WW FRA || in alle weltweiten Netze
||style="text-align:center"|TS 1 || für
weltweite QSOs in französisch
<small>(nicht auf allen OE-Umsetzern
verfügbar!)</small>
```

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**WW NLD || in alle weltweiten Netze**
- `|style="text-align:center"|TS 1 || für`  
**weltweite QSOs in niederländisch**  
`<small>(nicht auf allen OE-Umsetzern`  
**verfügbar!)</small>**
- `|style="background-color:#7ecd8e"`
- `|style="text-align:center"|TG 13 ||13`  
**WW ENG || in alle weltweiten Netze**
- `|style="text-align:center"|TS 1 || für`  
**weltweite QSOs in englisch <small>**  
**(nicht auf allen OE-Umsetzern**  
**verfügbar!)</small>**
- `|style="background-color:#7ecd8e"`
- `|style="text-align:center"|TG 14 ||14`  
**WW SPA || in alle weltweiten Netze**
- `|style="text-align:center"|TS 1 || für`  
**weltweite QSOs in spanisch <small>**  
**(nicht auf allen OE-Umsetzern**  
**verfügbar!)</small>**
- `|style="background-color:#0070c0"`
- `|style="text-align:center"|TG 2 ||2`  
**EUROPA || in alle europäischen Netze**
- `|style="text-align:center"|TS 1 || für`  
**europaweite Anrufe und QSOs**
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- `|style="text-align:center"|TG 20 ||20`  
**D-A-CH || Deutschland, Österreich &**
- `|style="text-align:center"|TS 1 || für deutschsprachige Anrufe und`  
**QSOs**
- `|style="background-color:#ff5050"`
- `|style="text-align:center"|TG 232`  
**||232 ÖSTERREICH || alle**
- `|style="text-align:center"|TS 1 || für`  
**Anrufe und kurze nationale**  
**Gespräche in OE**
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- |style="text-align:center"|TG 9 ||9  
LOKAL || keine Weiterleitung,  
regionales Netz ||style="text-align:center"|TS 1 || Lokalbetrieb, wenn  
TS2 besetzt ist, gilt für alle  
Regionalnetze
- |-style="background-color:#f3f3f3"
- |||||||
- |-style="background-color:#ff5050"
- |style="text-align:center"|TG 232  
||232 ÖSTERREICH || alle  
österreichischen Regionalnetze  
||style="text-align:center"|TS "'2'" ||  
für längere, österreichweite  
Gespräche
- |-style="background-color:#bfbfbf"
- |style="text-align:center"|TG 8 ||8  
REGIONAL || regionales Netz (OE1 &  
OE3)||style="text-align:center"|TS  
"'2'" || für regionale QSOs
- |-style="background-color:#dedede"
- |style="text-align:center"|TG 9 ||9  
LOKAL || keine Weiterleitung,  
regionales Netz ||style="text-align:center"|TS "'2'" || für längere, lokale  
QSOs, gilt für alle Regionalnetze
- |-style="background-color:#ffe699"
- |style="text-align:center"|TG 9990  
||9990 ECHO || keine Weiterleitung  
||style="text-align:center"|TS "'2'" ||  
Hytera Netz - eigene Aussendung  
wird wiederholt (Papagei)
- |}
- <br><br>
- 
- == Österreichweite DMR-Abdeckung  
==
-

- Detaillierte Informationen  
/Darstellungen zu den Abdeckungen  
der einzelnen Umsetzer und der DMR-  
Regionen (TG 8 & 9) in Österreich  
sind bei **[[Mototrbo-Umsetzer-  
Footprints]]** zu finden
- <br /><br />**
- === Motorola ===**
- [[Datei:DMR TG232-OEsterreich klein.  
jpg|left|gerahmt|Darstellung der  
Motorola DMR Abdeckung in  
Österreich auf TG232]]**
- <br/><br/><br/><br/><br/><br/><br  
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- === Hytera ===**
- [[Datei:DMR HYT-TG232-OEsterreich  
klein.jpg|left|gerahmt|Darstellung der  
Hytera DMR Abdeckung in Österreich  
auf TG232]]**
- <br/><br/><br/><br/><br/><br/><br  
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><br/><br/><br/><br/><br/><br  
><br/><br/><br/><br/>**
- == DMR Talkgroup-Vernetzungs-  
Matrix in Österreich ==**
- Über die Sprechgruppen wird die  
"Reichweite" der Aussendung in  
einem Netz (Motorola oder Hytera)  
'gesteuert'.
- Die Aussendungen auf den  
überregionalen Sprechgruppen (TG1, T  
G2, TG20, TG232) werden auf alle  
Umsetzer des Netzes geroutet.

Mit den Sprechgruppen (TG8 & TG9) können/werden die Umsetzer in unterschiedliche Regionen zusammengefasst, wodurch das Funkgespräch auf diesen Sprechgruppen und Zeitschlitz (TS) nur in dieser "Region" bleibt. Diese zusammenhängenden Umsetzer sind an Hand der "x" in den jeweiligen Spalten zu erkennen.

=== MOTOROLA-Umsetzer ===

Vernetzungs-Matrix  
Welche Umsetzer sind auf welcher Sprechgruppe (TG) und auf welchem Zeitschlitz (TS) miteinander verbunden

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`OE1XQA`

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`wikipedia.org/wiki/ISO_639#ISO_639-`  
`3 ISO 639-3]`
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## Aktuelle Version vom 22. April 2021, 03:17 Uhr

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Hallo

Hast du eine Anregung zu einem Wiki-Artikel von mir oder zu einer von mir verfassten Ergänzung oder Korrektur eines bestehenden Wiki-Artikels, dann bitte hinterlass mir hier eine Nachricht oder kontaktier mich per eMail: `<rufzeichen>@uska.ch`

[Pepe, HB9EVT \(Diskussion\)](#) 03:17, 22. Apr. 2021 (CEST)



## Mototrbo-national und Benutzer:HB9EVT: Unterschied zwischen den Seiten

VisuellWikitext

Version vom 15. November 2014, 22:52

**Uhr (Quelltext anzeigen)**

Oe6jwd ([Diskussion](#) | [Beiträge](#))

K ([→HYTERA-Umsetzer](#))

Aktuelle Version vom 7. Mai 2021, 19:25

**Uhr (Quelltext anzeigen)**

HB9EVT ([Diskussion](#) | [Beiträge](#))

K ([Link repariert](#))

Markierung: 2017-Quelltext-Bearbeitung

Zeile 1:

– **[[Kategorie:DMR]]**

– **== Allgemeine Info ==**

– **Für DMR-Funkgespräche stehen pro Umsetzer zwei Zeitschlitz (TS = TimeSlot) zur Verfügung. Durch diese zwei Zeitschlitz ist es möglich 2 Funkgespräche unabhängig von einander am gleichen Umsetzer zuführen. Innerhalb der Zeitschlitz kann mit Hilfe von Sprechgruppen (TG = TalkGroups) die "Reichweite" des Funkgesprächs gesteuert werden.**

– **Für Funkgespräche innerhalb Österreichs sind drei TalkGroups definiert worden:**

– **{|**

– **|-**

– **| &nbsp;■ TG 232 || = für österreichweite Funkgespräche**

Zeile 1:

+ **'''eMail: <rufzeichen>@uska.ch'''<br /><br />**

+ **==Vorstellung von Pepe HB9EVT==**

+ **wohnhaft im Berner Oberland (Schweiz)**

+ **[[Radio Scouting|Radio Scout]] (zu deutsch: ein funkender Pfadfinder)**

+ **Besonderen Spass habe ich an DX-Sprechfunkverbindungen, die mit kleiner Leistung und schlichten Antennen zustande gekommen sind.**

|   |                                                                                                                                                                                |   |                                                                                                                                                                                                                                                                                                                                         |
|---|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| - | -                                                                                                                                                                              |   |                                                                                                                                                                                                                                                                                                                                         |
| - | &nbsp; ■ TG 8    = für regionale Funkgespräche                                                                                                                                 |   |                                                                                                                                                                                                                                                                                                                                         |
| - | -                                                                                                                                                                              | + | Wenig begeistern können mich Betriebsarten, die nur aus Rapportaustausch bestehen und durch Rumklicken im [ <a href="https://de.wikipedia.org/wiki/GUI_GUI">https://de.wikipedia.org/wiki/GUI_GUI</a> ] einer Software zustande kommen.                                                                                                 |
| - | &nbsp; ■ TG 9    = für lokale bzw. regionale Funkgespräche                                                                                                                     |   |                                                                                                                                                                                                                                                                                                                                         |
| - | }                                                                                                                                                                              |   |                                                                                                                                                                                                                                                                                                                                         |
| - | Für österreichweite und lokale Verbindungen sollte primär der Zeitschlitz 2 (TS 2) verwendet werden, da der Zeitschlitz 1 auch für internationale Verbindungen vorgesehen ist. | + | Seit vielen Jahren bin ich ein regelmässiger und begeisterter Teilnehmer beim [[OTA-Aktivitäten#JOTA - Jamboree On The Air JOTA]] ([[OTA-Aktivitäten#JOTA - Jamboree On The Air Jamboree on the air]]), ein jährlich, weltweit stattfindender Pfadfinderanlass, bei dem u.a. mittels Amateurfunk weltweite Kontakte hergestellt werden. |
| - | "Weitere Details zu TS bzw. TG sind bei i [[Mototrbo-international]] zu finden"                                                                                                | + | Mitglied bei:                                                                                                                                                                                                                                                                                                                           |
|   |                                                                                                                                                                                | + | *Verband "Union Schweizerischer Kurzwellen-Amateure" ( <a href="https://uska.ch">https://uska.ch</a> USKA)                                                                                                                                                                                                                              |
|   |                                                                                                                                                                                | + | *HB9JAM - Fachgruppe ( <a href="https://risc.pbs.ch/">https://risc.pbs.ch/</a> "Radio-" und Internet-"Scouting"] des Verbands [ <a href="https://pfadi.swiss/">https://pfadi.swiss/</a> "Pfadibewegung Schweiz"]                                                                                                                        |
|   |                                                                                                                                                                                | + | *HB9BIPI - Verein ( <a href="http://scoutnet.swiss/">http://scoutnet.swiss/</a> "Scoutnet Schweiz")                                                                                                                                                                                                                                     |

|   |   |                                                                                                                                                                                                       |
|---|---|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|   | + | <b>*HB9NFB - Verein [http://hb9nfb.ch/ "Notfunk Birs"]</b>                                                                                                                                            |
|   |   |                                                                                                                                                                                                       |
|   | + | <b>==Nützliche Links==</b>                                                                                                                                                                            |
|   |   |                                                                                                                                                                                                       |
| - | + | <b>*[[Letzte Aktivitäten]]</b>                                                                                                                                                                        |
| - | + | <b>*[[Hilfe:Hauptseite]]</b>                                                                                                                                                                          |
| - | + | <b>*[[Spezial:Spezialseiten]]</b>                                                                                                                                                                     |
| - | + | <b>**[[Spezial:Neue Seiten]]</b>                                                                                                                                                                      |
|   | + | <b>****[[Spezial:Letzte Änderungen]]'' (Darstellung gemäss Einstellungen im eigenen Benutzer-Profil)</b>                                                                                              |
|   | + | <b>**[[Spezial:Kategorien]] - [[:Kategorie: Vorlagen]]</b>                                                                                                                                            |
|   | + | <b>**[[Spezial&gt;Weiterleitungen]]</b>                                                                                                                                                               |
|   | + | <b>**[[Spezial:Beliebteste Seiten]] (zugleich eine Übersicht aller Artikel ;- )</b>                                                                                                                   |
|   | + | <b>**[[Spezial:Verwaiste Seiten]]</b>                                                                                                                                                                 |
|   | + | <b>**[[Spezial:Aktive Benutzer]]</b>                                                                                                                                                                  |
|   |   |                                                                                                                                                                                                       |
| - | + | <b>==Seiten, die dringend überarbeitet werden sollte==</b>                                                                                                                                            |
|   | + | <b>Sollte '''dir''' (oder mir) mal langweilig werden, dann wäre es sinnvoll, sich diesen veralteten Seiten mal anzunehmen:</b>                                                                        |
|   |   |                                                                                                                                                                                                       |
| - | + | <b>*Seite "[[QTH-Locator]]": Die Seite ist ein Plagiat (Abschrift) von Wikipedia. Sinnvoll wäre ein Artikel, der gezielter auf die Wissensbedürfnisse angehender oder frischgebackene OM eingeht.</b> |

+

**\*Seite "[[Wiki Anleitung]]": Seit Umstellung des ÖVSV-Wiki im Jahr 2021 auf ein Bluespice-Wikiformat sind verschiedene Angaben nicht mehr korrekt.**

-

Diese Sprechgruppen-Liste gilt in Österreich auf den Relais laut Umsetzerliste (siehe [[Frequenzen-OE]] mit Standortkarte) und sollte somit in allen österreichischen Geräte-Codeplugs (siehe [[Mototrbo-Programmierung]]) abgebildet sein. Wobei die genaue Verbreitung der TG1x in OE aus der weiter unten stehenden Matrix [[http://wiki.oevsv.at/index.php?title=Mototrbo-national#DMR\\_Talkgroup-Matrix](http://wiki.oevsv.at/index.php?title=Mototrbo-national#DMR_Talkgroup-Matrix) in C3.96sterreich] entnommen werden kann.<br><br>

+

**==Von HB9EVT initiierte Beiträge in diesem Wiki==**

-

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+

**[[Bandplan]], [[HAREC]], [[IARU]], [[OTA-Aktivitäten]]**

-

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|Sprechgruppe
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Timeslot !! Bemerkungen
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```
!style="text-align:center"|TG 1 ||1
WELTWEIT WW || in alle weltweiten
Netze ||style="text-align:center"|TS 1
|| für weltweite "'Anrufe"' und
<u>"'KURZE"'</u> QSOs
```

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!style="text-align:center"|TG 10 ||10
WW DEU || in alle weltweiten Netze
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weltweite QSOs in deutsch
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- |-style="background-color:#7ecd8e"

|style="text-align:center"|TG 11 ||11  
WW FRA || in alle weltweiten Netze  
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weltweite QSOs in französisch <small>(nicht auf allen OE-Umsetzern  
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|style="text-align:center"|TG 12 ||12  
WW NLD || in alle weltweiten Netze  
||style="text-align:center"|TS 1 || für  
weltweite QSOs in niederländisch <small>(nicht auf allen OE-Umsetzern  
verfügbar!)</small>
- |-style="background-color:#7ecd8e"

|style="text-align:center"|TG 13 ||13  
WW ENG || in alle weltweiten Netze  
||style="text-align:center"|TS 1 || für  
weltweite QSOs in englisch <small>(nicht auf allen OE-Umsetzern  
verfügbar!)</small>
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WW SPA || in alle weltweiten Netze  
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weltweite QSOs in spanisch <small>(nicht auf allen OE-Umsetzern  
verfügbar!)</small>
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|style="text-align:center"|TG 2 ||2  
EUROPA || in alle europäische Netze  
||style="text-align:center"|TS 1 || für  
europaweite Anrufe und QSOs
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|style="text-align:center"|TG 20 ||20  
D-A-CH || Deutschland, Österreich &  
Schweiz ||style="text-align:center"|TS  
1 || für deutschsprachige Anrufe und  
QSOs
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- **||style="text-align:center"|TG 232 ||232 ÖSTERREICH || alle österreichischen Regionalnetze ||style="text-align:center"|TS 1 || für Anrufe und kurze nationale Gespräche in OE**
  - **|-style="background-color:#dedede"**
  - **||style="text-align:center"|TG 9 ||9 LOKAL || keine Weiterleitung, regionales Netz ||style="text-align:center"|TS 1 || Lokalbetrieb, wenn TS2 besetzt ist, gilt für alle Regionalnetze**
  - **|-style="background-color:#f3f3f3"**
  - **|||||||**
  - **|-style="background-color:#ff5050"**
  - **||style="text-align:center"|TG 232 ||232 ÖSTERREICH || alle österreichischen Regionalnetze ||style="text-align:center"|TS "'2'" || für längere, österreichweite Gespräche**
  - **|-style="background-color:#bfbfbf"**
  - **||style="text-align:center"|TG 8 ||8 REGIONAL || regionales Netz (OE1 & OE3)||style="text-align:center"|TS "'2'" || für regionale QSOs**
  - **|-style="background-color:#dedede"**
  - **||style="text-align:center"|TG 9 ||9 LOKAL || keine Weiterleitung, regionales Netz ||style="text-align:center"|TS "'2'" || für längere, lokale QSOs, gilt für alle Regionalnetze**
  - **|-style="background-color:#ffe699"**
  - **||style="text-align:center"|TG 9990 ||9990 ECHO || keine Weiterleitung ||style="text-align:center"|TS "'2'" || Hytera Netz - eigene Aussendung wird wiederholt (Papagei)**

13

**<br><br>**

== Österreichweite DMR-Abdeckung ==

## ==Best Practice==

**Tipps, die in der Hilfe (noch) nicht nachlesbar sind:**

**Detailliertere Informationen  
/Darstellungen zu den Abdeckungen  
der einzelnen Umsetzer und der DMR-  
Regionen (TG 8 & 9) in Österreich  
sind bei [[Mototrbo-Umsetzer-  
Footprints]] zu finden**

=====Anzeige einer Seitenvorschau  
beim Bearbeiten=====

**<br /><br />**

**Bearbeitet man eine Seite und möchte vor dem Speichern sich die Seite als Vorschau anzeigen lassen (zur Kontrolle, ob alles so dargestellt wird, wie man sich das vorstellt), geht man wie folgt vor:**

=== Motorola ===

[[Datei:DMR TG232-OEsterreich klein.  
jpg|left|gerahmt|Darstellung der  
Motorola DMR Abdeckung in  
Österreich auf TG232]]

**<br><br><br><br><br><br><br>**  
**/><br><br><br><br><br><br>**  
**/><br><br><br><br><br><br>**  
**/><br><br><br><br><br>**

### === Hytera ===

[[Datei:DMR HYT-TG232-OEsterreich  
klein.jpg|left|gerahmt|Darstellung der  
Hytera DMR Abdeckung in Österreich  
auf TG232]]

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|                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                        |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>== DMR Talkgroup-Vernetzungs-Matrix in Österreich ==</p>                                                                                                                                                                                                                                                              | <p>#Oben im Formatierungsbalken auf das Bleistift-Symbol klicken und von "Visuelle Bearbeitung" auf "Quellentextbearbeitung" umstellen. &lt;br /&gt; ""→"" Die Darstellung der Seite ändert sich. Das kann bis zu einer Sekunde dauern. Sich dadurch nicht beirren lassen.</p>                                         |
|                                                                                                                                                                                                                                                                                                                          | <p>#Rechts daneben aufs blaue Feld "Änderungen speichern..." klicken. Im erscheinenden Pulldown-Menü gibt es unten ein Feld "Vorschau zeigen". Dort draufklicken. &lt;br /&gt; ""→"" Die Vorschau wird angezeigt. Oben auf der Seite gibt es die zwei Felder "Bearbeitung fortsetzen" oder "Änderungen speichern".</p> |
| <p>Über die Sprechgruppen wird die "Reichweite" der Aussendung in einem Netz (Motorola oder Hytera) 'gesteuert'.</p>                                                                                                                                                                                                     | <p>#Falls du die Bearbeitung fortsetzen möchtest: Auf "Bearbeitung fortsetzen" klicken und dann beim Bleistift-Symbol wieder die Darstellung auf "Visuelle Bearbeitung" zurückstellen (vgl. 1).</p>                                                                                                                    |
| <p>Die Aussendungen auf den überregionalen Sprechgruppen (TG1, TG2, TG20, TG232) werden auf alle Umsetzer des Netzes geroutet.</p>                                                                                                                                                                                       | <p>#Falls du Speichern möchtest, trotzdem erst auf "Bearbeitung fortsetzen" klicken und dann erneut das blaue Feld "Änderungen speichern..." wählen, damit du dort im Feld "Zusammenfassung" noch deklarieren kannst, was du geändert hast und erst dann speichern.</p>                                                |
| <p>Mit den Sprechgruppen (TG8 &amp; TG9) können/werden die Umsetzer in unterschiedliche Regionen zusammengefasst, wodurch das Funkgespräch auf diesen Sprechgruppen und Zeitschlitz (TS) nur in dieser "Region" bleibt. Diese zusammenhängenden Umsetzer sind an Hand der "x" in den jeweiligen Spalten zu erkennen.</p> |                                                                                                                                                                                                                                                                                                                        |
|                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                        |
|                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                        |
| <p>=== MOTOROLA-Umsetzer ===</p>                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                        |



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| – |                                                                                                                  |
| – | <b>Vernetzungs-Matrix</b>                                                                                        |
| – | <b>Welche Umsetzer sind auf welcher Sprechgruppe (TG) und auf welchem Zeitschlitz (TS) miteinander verbunden</b> |
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- **=== HYTERA-Umsetzer ===**

**Vernetzungs-Matrix**

Welche Umsetzer sind auf welcher Sprechgruppe (TG) und auf welchem Zeitschlitz (TS) miteinander verbunden

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Aktuelle Version vom 7. Mai 2021, 19:25 Uhr

eMail: <rufzeichen>@uska.ch

Inhaltsverzeichnis

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| 5.1 Anzeige einer Seitenvorschau beim Bearbeiten .....  | 157 |

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## Vorstellung von Pepe HB9EVT

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wohnhaft im Berner Oberland (Schweiz)

**Radio Scout** (zu deutsch: ein funkender Pfadfinder)

Besonderen Spass habe ich an DX-Sprechfunkverbindungen, die mit kleiner Leistung und schlichten Antennen zustande gekommen sind.

Wenig begeistern können mich Betriebsarten, die nur aus Rapportaustausch bestehen und durch Rumklicken im **GUI** einer Software zustande kommen.

Seit vielen Jahren bin ich ein regelmässiger und begeisterter Teilnehmer beim **JOTA** (**Jamboree on the air**), ein jährlich, weltweit stattfindender Pfadfinderanlass, bei dem u.a. mittels Amateurfunk weltweite Kontakte hergestellt werden.

Mitglied bei:

- Verband "Union Schweizerischer Kurzwellen-Amateure" (**USKA**)
- HB9JAM - Fachgruppe "**Radio- und Internet-Scouting**" des Verbands "**Pfadibewegung Schweiz**"
- HB9BIPI - Verein "**Scoutnet Schweiz**"
- HB9NFB - Verein "**Notfunk Birs**"

---

## Nützliche Links

---

- [Letzte Aktivitäten](#)
- [Hilfe:Hauptseite](#)
- [Spezial:Spezialseiten](#)
  - [Spezial:Neue Seiten](#)
  - [Spezial:Letzte Änderungen](#) (Darstellung gemäss Einstellungen im eigenen Benutzer-Profil)
  - [Spezial:Kategorien - Kategorie:Vorlagen](#)
  - [Spezial>Weiterleitungen](#)
  - [Spezial:Beliebteste Seiten](#) (zugleich eine Übersicht aller Artikel)
  - [Spezial:Verwaiste Seiten](#)
  - [Spezial:Aktive Benutzer](#)

---

## Seiten, die dringend überarbeitet werden sollte

---

Sollte **dir** (oder mir) mal langweilig werden, dann wäre es sinnvoll, sich diesen veralteten Seiten mal anzunehmen:

- Seite "**QTH-Locator**": Die Seite ist ein Plagiat (Abschrift) von Wikipedia. Sinnvoll wäre ein Artikel, der gezielter auf die Wissensbedürfnisse angehender oder frischgebackene OM eingeht.
- Seite "**Wiki Anleitung**": Seit Umstellung des ÖVSV-Wiki im Jahr 2021 auf ein Bluespice-Wikiformat sind verschiedene Angaben nicht mehr korrekt.

---

## Von HB9EVT initiierte Beiträge in diesem Wiki

---

[Bandplan](#), [HAREC](#), [IARU](#), [OTA-Aktivitäten](#)

## Best Practice

---

Tipps, die in der Hilfe (noch) nicht nachlesbar sind:

### Anzeige einer Seitenvorschau beim Bearbeiten

Bearbeitet man eine Seite und möchte vor dem Speichern sich die Seite als Vorschau anzeigen lassen (zur Kontrolle, ob alles so dargestellt wird, wie man sich das vorstellt), geht man wie folgt vor:

1. Oben im Formatierungsbalken auf das Bleistift-Symbol klicken und von "Visuelle Bearbeitung" auf "Quellentextbearbeitung" umstellen.  
→ Die Darstellung der Seite ändert sich. Das kann bis zu einer Sekunde dauern. Sich dadurch nicht beirren lassen.
2. Rechts daneben aufs blaue Feld "Änderungen speichern..." klicken. Im erscheinenden Pulldown-Menü gibt es unten ein Feld "Vorschau zeigen". Dort draufklicken.  
→ Die Vorschau wird angezeigt. Oben auf der Seite gibt es die zwei Felder "Bearbeitung fortsetzen" oder "Änderungen speichern".
3. Falls du die Bearbeitung fortsetzen möchtest: Auf "Bearbeitung fortsetzen" klicken und dann beim Bleistift-Symbol wieder die Darstellung auf "Visuelle Bearbeitung" zurückstellen (vgl. 1).
4. Falls du Speichern möchtest, trotzdem erst auf "Bearbeitung fortsetzen" klicken und dann erneut das blaue Feld "Änderungen speichern..." wählen, damit du dort im Feld "Zusammenfassung" noch deklarieren kannst, was du geändert hast und erst dann speichern.

VisuellWikitext

**Aktuelle Version vom 23. Januar 2022,**  
**19:44 Uhr (Quelltext anzeigen)**  
 Oe6jwd (**Diskussion** | **Beiträge**)  
 (Aktualisierung)  
 Markierung: **Visuelle Bearbeitung**

[illegible]

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| - | &nbsp; ■ TG 9   = für lokale bzw. regionale Funkgespräche                                                                                                                      |   |                                                                                                                                             |
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| - | Für österreichweite und lokale Verbindungen sollte primär der Zeitschlitz 2 (TS 2) verwendet werden, da der Zeitschlitz 1 auch für internationale Verbindungen vorgesehen ist. |   |                                                                                                                                             |
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| - | "Weitere Details zu TS bzw. TG sind bei [[Mototrbo-international]] zu finden"                                                                                                  |   |                                                                                                                                             |
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| - | == Sprechgruppen / Talkgroups in Österreich ==                                                                                                                                 |   |                                                                                                                                             |
|   | <br>                                                                                                                                                                           |   | <br>                                                                                                                                        |
| - | Stand: 28. August 2014<br>                                                                                                                                                     | + | Lizenziert seit 1993<br>                                                                                                                    |
| - | [[Datei:TG neu OEversion color.png 800x600px]]                                                                                                                                 | + | ADL: [ <a href="http://www.adl623.oevsv.at/opencms/623-Graz/Vulkanland">http://www.adl623.oevsv.at/opencms/ 623 - Graz/Vulkanland</a> ]<br> |
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| - |                                                                                                                                                                                | + | e-mail: "rufzeichen" @oevsv.at<br>                                                                                                          |
| - | == Sprechgruppen (TGs) in Österreich ==                                                                                                                                        | + | <br>                                                                                                                                        |
| - |                                                                                                                                                                                | + | Interessen: D-Star, DMR, Tetra (IDs: 23 26232, 2326233 & 2326532), C4FM; KW<br>                                                             |
|   | Diese Sprechgruppen-Liste gilt in Österreich auf den Relais laut Umsetzerliste (siehe [[Frequenzen-                                                                            |   |                                                                                                                                             |

OE]] mit Standortkarte) und sollte somit in allen österreichischen Geräte-Codeplugs (siehe [[Mototrbo-Programmierung]]) abgebildet sein. Wobei die genaue Verbreitung der TG1x in OE aus der weiter unten stehenden Matrix [[http://wiki.oevsv.at/index.php?title=Mototrbo-national#DMR Talkgroup-Matrix in C3.96sterreich](http://wiki.oevsv.at/index.php?title=Mototrbo-national#DMR_Talkgroup-Matrix_in_C3.96sterreich)] entnommen werden kann.<br><br>

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|Sprechgruppe <br/> Talkgroup !!  
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!style="text-align:center"|TG 1 ||1  
WELTWEIT WW || in alle weltweiten  
Netze ||style="text-align:center"|TS 1  
|| für weltweite "'Anrufe"' und  
<u>"'KURZE"'</u> QSOs

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WW DEU || in alle weltweiten Netze  
||style="text-align:center"|TS 1 || für  
weltweite QSOs in deutsch

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WW FRA || in alle weltweiten Netze  
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weltweite QSOs in französisch  
<small>(nicht auf allen OE-Umsetzern  
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WW NLD || in alle weltweiten Netze

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weltweite QSOs in niederländisch

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WW ENG || in alle weltweiten Netze

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WW SPA || in alle weltweiten Netze

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EUROPA || in alle europäischen Netze

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1 || für deutschsprachige Anrufe und

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||232 ÖSTERREICH || alle

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|style="text-align:center"|TS 1 || für

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- |style="text-align:center"|TG 9 ||9  
LOKAL || keine Weiterleitung,  
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TS2 besetzt ist, gilt für alle  
Regionalnetze
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- |style="text-align:center"|TG 232  
||232 ÖSTERREICH || alle  
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||style="text-align:center"|TS "'2'" ||  
für längere, österreichweite  
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- |style="text-align:center"|TG 8 ||8  
REGIONAL || regionales Netz (OE1 &  
OE3)||style="text-align:center"|TS  
"'2'" || für regionale QSOs
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LOKAL || keine Weiterleitung,  
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||9990 ECHO || keine Weiterleitung  
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Hytera Netz - eigene Aussendung  
wird wiederholt (Papagei)
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- == Österreichweite DMR-Abdeckung  
==
-

- Detailliertere Informationen  
/Darstellungen zu den Abdeckungen  
der einzelnen Umsetzer und der DMR-  
Regionen (TG 8 & 9) in Österreich sind  
bei **[[Mototrbo-Umsetzer-Footprints]]**  
zu finden
- <br /><br />**
- === Motorola ===**
- [[Datei:DMR TG232-OEsterreich klein.  
jpg|left|gerahmt|Darstellung der  
Motorola DMR Abdeckung in  
Österreich auf TG232]]**
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><br/><br/><br/><br/>**
- == DMR Talkgroup-Vernetzungs-  
Matrix in Österreich ==**
- Über die Sprechgruppen wird die  
"Reichweite" der Aussendung in  
einem Netz (Motorola oder Hytera)  
'gesteuert'.**
- Die Aussendungen auf den  
überregionalen Sprechgruppen (TG1,  
TG2, TG20, TG232) werden auf alle  
Umsetzer des Netzes geroutet.**

Mit den Sprechgruppen (TG8 & TG9) können/werden die Umsetzer in unterschiedliche Regionen zusammengefasst, wodurch das Funkgespräch auf diesen Sprechgruppen und Zeitschlitz (TS) nur in dieser "Region" bleibt. Diese zusammenhängenden Umsetzer sind an Hand der "x" in den jeweiligen Spalten zu erkennen.

=== MOTOROLA-Umsetzer ===

Vernetzungs-Matrix  
Welche Umsetzer sind auf welcher Sprechgruppe (TG) und auf welchem Zeitschlitz (TS) miteinander verbunden

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`OE6XAG`

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- `|style="font-size:14pt" align="right" align="center" | &nbsp;|`
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- === HYTERA-Umsetzer ===
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- 
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| – | <code> style="font-size:14pt" align="right"</code><br><code>align="center"   &amp;nbsp;</code>                                                                                                          |
| – | <code> style="font-size:14pt" align="right"</code><br><code>align="center"   &amp;nbsp;</code>                                                                                                          |
| – | <code> style="font-size:14pt" align="right"</code><br><code>align="center"   &amp;nbsp;</code>                                                                                                          |
| – | <code> style="font-size:14pt" align="center"</code><br><code>  x</code>                                                                                                                                 |
| – | <code> style="font-size:14pt" align="center"</code><br><code>  x</code>                                                                                                                                 |
| – |                                                                                                                                                                                                         |
| – | <code>  - style="background-color:#ACB9CA"</code>                                                                                                                                                       |
| – | <code> style="font-size:11pt" height="</code><br><code>15" valign="bottom"   HYT&amp;nbsp;</code><br><code>Petzen&amp;nbsp;</code> <code>;<sup>1</sup>&lt;br /&gt;&amp;nbsp;</code> <code>OE8XPK</code> |
| – | <code> style="font-size:14pt" align="center"</code><br><code>  x</code>                                                                                                                                 |
| – | <code> style="font-size:14pt" align="center"</code><br><code>  x</code>                                                                                                                                 |
| – | <code> style="font-size:14pt" align="center"</code><br><code>  x</code>                                                                                                                                 |
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| – | <code> style="font-size:14pt" align="right"</code><br><code>align="center"   &amp;nbsp;</code>                                                                                                          |
| – | <code> style="font-size:14pt" align="right"</code><br><code>align="center"   &amp;nbsp;</code>                                                                                                          |
| – | <code> style="font-size:14pt" align="right"</code><br><code>align="center"   &amp;nbsp;</code>                                                                                                          |
| – | <code> style="font-size:14pt" align="center"</code><br><code>  x</code>                                                                                                                                 |
| – | <code> style="font-size:14pt" align="center"</code><br><code>  x</code>                                                                                                                                 |
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- `|}`
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- `&nbsp;"'1" &nbsp;=&nbsp;"2m-`  
`Umsetzer"`
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- `Sprachencodes nach [http://de.`  
`wikipedia.org/wiki/ISO_639#ISO_639-`  
`3 ISO 639-3]`
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## Aktuelle Version vom 23. Januar 2022, 19:44 Uhr

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Datei:oe6jwd.jpg

100px

OM: Klaus-Dieter Wolf **vulgo** "KD"

Lizenziert seit 1993

ADL: [623 - Graz/Vulkanland](#)

e-mail: *rufzeichen* @oevsv.at

Interessen: D-Star, DMR, Tetra (IDs: 2326232, 2326233 & 2326532), C4FM; KW

## Mototrbo-national: Unterschied zwischen den Versionen

[Versionsgeschichte interaktiv durchsuchen](#)

[Visuell Wikitext](#)

**Version vom 15. November 2014, 22:52**

**Uhr (Quelltext anzeigen)**

Oe6jwd ([Diskussion](#) | [Beiträge](#))

K (→HYTERA-Umsetzer)

[← Zum vorherigen Versionsunterschied](#)

**Aktuelle Version vom 27. April 2021, 14:**

**48 Uhr (Quelltext anzeigen)**

HB9EVT ([Diskussion](#) | [Beiträge](#))

Markierung: **Visuelle Bearbeitung**

(8 dazwischenliegende Versionen von 3 Benutzern werden nicht angezeigt)

|                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                           |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Zeile 1:</b>                                                                                                                                                                                                                                                                                                                                           | <b>Zeile 1:</b>                                                                                                                                                                                                                                                                                                                                           |
| – <b>[[Kategorie:DMR]]</b>                                                                                                                                                                                                                                                                                                                                | + <b>{{Länderspezifisch AT}}</b>                                                                                                                                                                                                                                                                                                                          |
|                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                           |
| – <b>== Allgemeine Info ==</b>                                                                                                                                                                                                                                                                                                                            | + <b>==Allgemeine Info==</b>                                                                                                                                                                                                                                                                                                                              |
|                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                           |
| <div>Für DMR-Funkgespräche stehen pro Umsetzer zwei Zeitschlitz (TS = TimeSlot) zur Verfügung. Durch diese zwei Zeitschlitz ist es möglich 2 Funkgespräche unabhängig von einander am gleichen Umsetzer zuführen. Innerhalb der Zeitschlitz kann mit Hilfe von Sprechgruppen (TG = TalkGroups) die "Reichweite" des Funkgesprächs gesteuert werden.</div> | <div>Für DMR-Funkgespräche stehen pro Umsetzer zwei Zeitschlitz (TS = TimeSlot) zur Verfügung. Durch diese zwei Zeitschlitz ist es möglich 2 Funkgespräche unabhängig von einander am gleichen Umsetzer zuführen. Innerhalb der Zeitschlitz kann mit Hilfe von Sprechgruppen (TG = TalkGroups) die "Reichweite" des Funkgesprächs gesteuert werden.</div> |
| <b>Zeile 8:</b>                                                                                                                                                                                                                                                                                                                                           | <b>Zeile 8:</b>                                                                                                                                                                                                                                                                                                                                           |
| {                                                                                                                                                                                                                                                                                                                                                         | {                                                                                                                                                                                                                                                                                                                                                         |
| -                                                                                                                                                                                                                                                                                                                                                         | -                                                                                                                                                                                                                                                                                                                                                         |
| –   &nbsp;■ TG 232    = für österreichweite Funkgespräche                                                                                                                                                                                                                                                                                                 | +  &nbsp;■ TG 232  = für österreichweite Funkgespräche                                                                                                                                                                                                                                                                                                    |
| -                                                                                                                                                                                                                                                                                                                                                         | -                                                                                                                                                                                                                                                                                                                                                         |
| –   &nbsp;■ TG 8    = für regionale Funkgespräche                                                                                                                                                                                                                                                                                                         | +  &nbsp;■ TG 8  = für regionale Funkgespräche                                                                                                                                                                                                                                                                                                            |
|                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                           |
| -                                                                                                                                                                                                                                                                                                                                                         | -                                                                                                                                                                                                                                                                                                                                                         |
| –   &nbsp;■ TG 9    = für lokale bzw. regionale Funkgespräche                                                                                                                                                                                                                                                                                             | +  &nbsp;■ TG 9  = für lokale bzw. regionale Funkgespräche                                                                                                                                                                                                                                                                                                |

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
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| }                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Zeile 21:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <b>Zeile 21:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | ++Sprechgruppen / Talkgroups in Österreich==                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| == Sprechgruppen / Talkgroups in Österreich ==                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <br>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <br>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Stand: 28. August 2014<br>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Stand: 28. August 2014<br>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Zeile 29:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <b>Zeile 28:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <br>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <br>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | ++Sprechgruppen (TGs) in Österreich ==                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Diese Sprechgruppen-Liste gilt in Österreich auf den Relais laut Umsetzerliste (siehe [[Frequenzen-OE]] mit Standortkarte) und sollte somit in allen österreichischen Geräte-Codeplugs (siehe [[Mototrbo-Programmierung]]) abgebildet sein. Wobei die genaue Verbreitung der TG1x in OE aus der weiter unten stehenden Matrix [ <a href="http://wiki.oevsv.at/index.php?title=Mototrbo-national#DMR_Talkgroup-Matrix_in_.C3.96sterreich">http://wiki.oevsv.at/index.php?title=Mototrbo-national#DMR_Talkgroup-Matrix_in_.C3.96sterreich</a> ] entnommen werden kann. | Diese Sprechgruppen-Liste gilt in Österreich auf den Relais laut Umsetzerliste (siehe [[Frequenzen-OE]] mit Standortkarte) und sollte somit in allen österreichischen Geräte-Codeplugs (siehe [[Mototrbo-Programmierung]]) abgebildet sein. Wobei die genaue Verbreitung der TG1x in OE aus der weiter unten stehenden Matrix [ <a href="http://wiki.oevsv.at/index.php?title=Mototrbo-national#DMR_Talkgroup-Matrix_in_.C3.96sterreich">http://wiki.oevsv.at/index.php?title=Mototrbo-national#DMR_Talkgroup-Matrix_in_.C3.96sterreich</a> ] entnommen werden kann. |
| <br><br>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <br><br>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| {  class="wikitable"                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | {  class="wikitable"                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| !style="text-align:center" Sprechgruppe<br><br/> Talkgroup !!style="text-align:center"  Sprechgruppen- <br/> bezeichnung !!<br>style="text-align:left" Verbreitungsgebiet<br>!!style="text-align:center"  Zeitschlitz <br /> Timeslot !! Bemerkungen                                                                                                                                                                                                                                                                                                                 | ! style="text-align:center;"  Sprechgruppe<br><br /> Talkgroup!! style="text-align:center;"  Sprechgruppen- <br /> bezeichnung!!<br>style="text-align:left;"<br> Verbreitungsgebiet!! style="text-align:center;"  Zeitschlitz <br /> Timeslot!!<br>Bemerkungen                                                                                                                                                                                                                                                                                                       |



|   |                                                                                                                                                                                                                                                 |   |                                                                                                                                                                                                                                                  |
|---|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| - | <code>  -style="background-color:#00b050"</code>                                                                                                                                                                                                | + | <code>  - style="background-color:#00b050"</code>                                                                                                                                                                                                |
| - | <code> style="text-align:center" TG 1   1<br/>WELTWEIT WW    in alle weltweiten Netze<br/>  style="text-align:center" TS 1    für<br/>weltweite ""Anrufe"" und &lt;u&gt;""KURZE""&lt;<br/>/u&gt; QSOs</code>                                    | + | <code>  style="text-align:center;"  TG 1  1<br/>WELTWEIT WW  in alle weltweiten Netze  <br/>style="text-align:center;"  TS 1  für<br/>weltweite ""Anrufe"" und &lt;u&gt;""KURZE""&lt;<br/>/u&gt; QSOs</code>                                     |
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| - | <code> style="text-align:center" TG 10   10 WW<br/>DEU    in alle weltweiten Netze   style="text-align:center" TS 1    für weltweite<br/>QSOs in deutsch</code>                                                                                 | + | <code>  style="text-align:center;"  TG 10  10 WW<br/>DEU  in alle weltweiten Netze   style="text-align:center;"  TS 1  für weltweite QSOs in<br/>deutsch</code>                                                                                  |
| - | <code>  -style="background-color:#7ecd8e"</code>                                                                                                                                                                                                | + | <code>  - style="background-color:#7ecd8e"</code>                                                                                                                                                                                                |
| - | <code> style="text-align:center" TG 11   11 WW<br/>FRA    in alle weltweiten Netze   style="text-align:center" TS 1    für weltweite<br/>QSOs in französisch &lt;small&gt;(nicht auf<br/>allen OE-Umsetzern verfügbar!)&lt;/small&gt;</code>    | + | <code>  style="text-align:center;"  TG 11  11 WW<br/>FRA  in alle weltweiten Netze   style="text-align:center;"  TS 1  für weltweite QSOs in<br/>französisch &lt;small&gt;(nicht auf allen OE-<br/>Umsetzern verfügbar!)&lt;/small&gt;</code>    |
| - | <code>  -style="background-color:#7ecd8e"</code>                                                                                                                                                                                                | + | <code>  - style="background-color:#7ecd8e"</code>                                                                                                                                                                                                |
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| - | <code>  -style="background-color:#7ecd8e"</code>                                                                                                                                                                                                | + | <code>  - style="background-color:#7ecd8e"</code>                                                                                                                                                                                                |
| - | <code> style="text-align:center" TG 13   13 WW<br/>ENG    in alle weltweiten Netze   style="text-align:center" TS 1    für weltweite<br/>QSOs in englisch &lt;small&gt;(nicht auf allen<br/>OE-Umsetzern verfügbar!)&lt;/small&gt;</code>       | + | <code>  style="text-align:center;"  TG 13  13 WW<br/>ENG  in alle weltweiten Netze   style="text-align:center;"  TS 1  für weltweite QSOs in<br/>englisch &lt;small&gt;(nicht auf allen OE-<br/>Umsetzern verfügbar!)&lt;/small&gt;</code>       |
| - | <code>  -style="background-color:#7ecd8e"</code>                                                                                                                                                                                                | + | <code>  - style="background-color:#7ecd8e"</code>                                                                                                                                                                                                |
| - | <code> style="text-align:center" TG 14   14 WW<br/>SPA    in alle weltweiten Netze   style="text-align:center" TS 1    für weltweite<br/>QSOs in spanisch &lt;small&gt;(nicht auf allen<br/>OE-Umsetzern verfügbar!)&lt;/small&gt;</code>       | + | <code>  style="text-align:center;"  TG 14  14 WW<br/>SPA  in alle weltweiten Netze   style="text-align:center;"  TS 1  für weltweite QSOs in<br/>spanisch &lt;small&gt;(nicht auf allen OE-<br/>Umsetzern verfügbar!)&lt;/small&gt;</code>       |
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|---|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| - | style="text-align:center" TG 2   2 EUROPA<br>   in alle europäische Netze   style="text-align:center" TS 1    für europaweite Anrufe und QSOs                                              | + | style="text-align:center;"  TG 2  2 EUROPA  in alle europäische Netze   style="text-align:center;"  TS 1  für europaweite Anrufe und QSOs                                           |
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| - | style="text-align:center" TG 20   20 D-A-CH    Deutschland, Österreich & Schweiz<br>  style="text-align:center" TS 1    für deutschsprachige Anrufe und QSOs                               | + | style="text-align:center;"  TG 20  20 D-A-CH  Deutschland, Österreich & Schweiz   style="text-align:center;"  TS 1  für deutschsprachige Anrufe und QSOs                            |
| - | -style="background-color:#ff5050"                                                                                                                                                          | + | - style="background-color:#ff5050"                                                                                                                                                  |
| - | style="text-align:center" TG 232   232 ÖSTERREICH    alle österreichischen Regionalnetze   style="text-align:center" TS 1    für Anrufe und kurze nationale Gespräche in OE                | + | style="text-align:center;"  TG 232  232 ÖSTERREICH  alle österreichischen Regionalnetze   style="text-align:center;"  TS 1  für Anrufe und kurze nationale Gespräche in OE          |
| - | -style="background-color:#dedede"                                                                                                                                                          | + | - style="background-color:#dedede"                                                                                                                                                  |
| - | style="text-align:center" TG 9   9 LOKAL<br>   keine Weiterleitung, regionales Netz<br>  style="text-align:center" TS 1    Lokalbetrieb, wenn TS2 besetzt ist, gilt für alle Regionalnetze | + | style="text-align:center;"  TG 9  9 LOKAL  keine Weiterleitung, regionales Netz   style="text-align:center;"  TS 1  Lokalbetrieb, wenn TS2 besetzt ist, gilt für alle Regionalnetze |
| - | -style="background-color:#f3f3f3"                                                                                                                                                          | + | - style="background-color:#f3f3f3"                                                                                                                                                  |
| - |                                                                                                                                                                                            | + |                                                                                                                                                                                     |
| - | -style="background-color:#ff5050"                                                                                                                                                          | + | - style="background-color:#ff5050"                                                                                                                                                  |
| - | style="text-align:center" TG 232   232 ÖSTERREICH    alle österreichischen Regionalnetze   style="text-align:center" TS ""2""    für längere, österreichweite Gespräche                    | + | style="text-align:center;"  TG 232  232 ÖSTERREICH  alle österreichischen Regionalnetze   style="text-align:center;"  TS ""2""  für längere, österreichweite Gespräche              |
| - | -style="background-color:#bfbfbf"                                                                                                                                                          | + | - style="background-color:#bfbfbf"                                                                                                                                                  |
| - | style="text-align:center" TG 8   8 REGIONAL    regionales Netz (OE1 & OE3)<br>  style="text-align:center" TS ""2""    für regionale QSOs                                                   | + | style="text-align:center;"  TG 8  8 REGIONAL  regionales Netz (OE1 & OE3)   style="text-align:center;"  TS ""2""  für regionale QSOs                                                |
| - | -style="background-color:#dedede"                                                                                                                                                          | + | - style="background-color:#dedede"                                                                                                                                                  |

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| - | style="text-align:center" TG 9   9 LOKAL<br>   keine Weiterleitung, regionales Netz<br>  style="text-align:center" TS ""2""    für<br>längere, lokale QSOs, gilt für alle<br>Regionalnetze          | + | style="text-align:center;"  TG 9  9<br>LOKAL  keine Weiterleitung, regionales<br>Netz   style="text-align:center;"  TS<br>""2""  für längere, lokale QSOs, gilt für alle<br>Regionalnetze           |
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| - | style="text-align:center" TG 9990   9990<br>ECHO    keine Weiterleitung   style="text-align:center" TS ""2""    Hytera Netz -<br>eigene Aussendung wird wiederholt<br>(Papagei)                     | + | style="text-align:center;"  TG<br>9990  9990 ECHO  keine Weiterleitung  <br>style="text-align:center;"  TS ""2""  Hytera<br>Netz - eigene Aussendung wird wiederholt<br>(Papagei)                   |
|   | }                                                                                                                                                                                                   |   | }                                                                                                                                                                                                   |
|   | <br><br>                                                                                                                                                                                            |   | <br><br>                                                                                                                                                                                            |
|   |                                                                                                                                                                                                     |   |                                                                                                                                                                                                     |
| - | == Österreichweite DMR-Abdeckung ==                                                                                                                                                                 | + | ==Österreichweite DMR-Abdeckung==                                                                                                                                                                   |
|   |                                                                                                                                                                                                     |   |                                                                                                                                                                                                     |
|   | Detailliertere Informationen/Darstellungen<br>zu den Abdeckungen der einzelnen<br>Umsetzer und der DMR-Regionen (TG 8 &<br>9) in Österreich sind bei [[Mototrbo-<br>Umsetzer-Footprints]] zu finden |   | Detailliertere Informationen/Darstellungen<br>zu den Abdeckungen der einzelnen<br>Umsetzer und der DMR-Regionen (TG 8 &<br>9) in Österreich sind bei [[Mototrbo-<br>Umsetzer-Footprints]] zu finden |
|   | <br /><br />                                                                                                                                                                                        |   | <br /><br />                                                                                                                                                                                        |
| - | === Motorola ===                                                                                                                                                                                    | + | ===Motorola===                                                                                                                                                                                      |
|   | [[Datei:DMR TG232-OEsterreich klein.<br>jpg left gerahmt Darstellung der Motorola<br>DMR Abdeckung in Österreich auf TG232]]                                                                        |   | [[Datei:DMR TG232-OEsterreich klein.<br>jpg left gerahmt Darstellung der Motorola<br>DMR Abdeckung in Österreich auf TG232]]                                                                        |
| - | <br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br>                                                                        | + | <br /><br /><br /><br /><br /><br /><br /><br><br /><br /><br /><br /><br /><br /><br /><br><br /><br /><br /><br /><br /><br /><br /><br><br /><br /><br /><br /><br /><br /><br />                |
| - | === Hytera ===                                                                                                                                                                                      | + | ===Hytera===                                                                                                                                                                                        |
|   | [[Datei:DMR HYT-TG232-OEsterreich klein.<br>jpg left gerahmt Darstellung der Hytera<br>DMR Abdeckung in Österreich auf TG232]]                                                                      |   | [[Datei:DMR HYT-TG232-OEsterreich klein.<br>jpg left gerahmt Darstellung der Hytera<br>DMR Abdeckung in Österreich auf TG232]]                                                                      |
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| - | <b>== DMR Talkgroup-Vernetzungs-Matrix in Österreich ==</b>                                                                                                                                                                                                                                                   |
| - |                                                                                                                                                                                                                                                                                                               |
| - | Über die Sprechgruppen wird die "Reichweite" der Aussendung in einem Netz (Motorola oder Hytera) 'gesteuert'.                                                                                                                                                                                                 |
| - | Die Aussendungen auf den überregionalen Sprechgruppen (TG1, TG2, TG20, TG232) werden auf alle Umsetzer des Netzes geroutet.                                                                                                                                                                                   |
| - | Mit den Sprechgruppen (TG8 & TG9) können/werden die Umsetzer in unterschiedliche Regionen zusammengefasst, wodurch das Funkgespräch auf diesen Sprechgruppen und Zeitschlitz (TS) nur in dieser "Region" bleibt. Diese zusammenhängenden Umsetzer sind an Hand der "x" in den jeweiligen Spalten zu erkennen. |
| - |                                                                                                                                                                                                                                                                                                               |
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| - | <b>=== MOTOROLA-Umsetzer ===</b>                                                                                                                                                                                                                                                                              |
| - |                                                                                                                                                                                                                                                                                                               |
| - | Vernetzungs-Matrix<br>Welche Umsetzer sind auf welcher Sprechgruppe (TG) und auf welchem Zeitschlitz (TS) miteinander verbunden                                                                                                                                                                               |
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### === HYTERA-Umsetzer ===

**Vernetzungs-Matrix&nbsp;&nbsp;   
&nbsp;-&nbsp;&nbsp;&nbsp;&nbsp;&nbsp; Welche  
Umsetzer sind auf welcher <br>  
Sprechgruppe (TG) und auf welchem  
Zeitschlitz (TS) miteinander  
verbunden**

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**Aktuelle Version vom 27. April 2021, 14:48 Uhr**

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 **Österreich** - Die folgenden Angaben betreffen Österreich (und haben ggf. nur dort Gültigkeit).

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## Allgemeine Info

Für DMR-Funkgespräche stehen pro Umsetzer zwei Zeitschlitz (TS = TimeSlot) zur Verfügung. Durch diese zwei Zeitschlitz ist es möglich 2 Funkgespräche unabhängig von einander am gleichen Umsetzer zuzuführen. Innerhalb der Zeitschlitz kann mit Hilfe von Sprechgruppen (TG = TalkGroups) die "Reichweite" des Funkgesprächs gesteuert werden. Für Funkgespräche innerhalb Österreichs sind drei TalkGroups definiert worden:

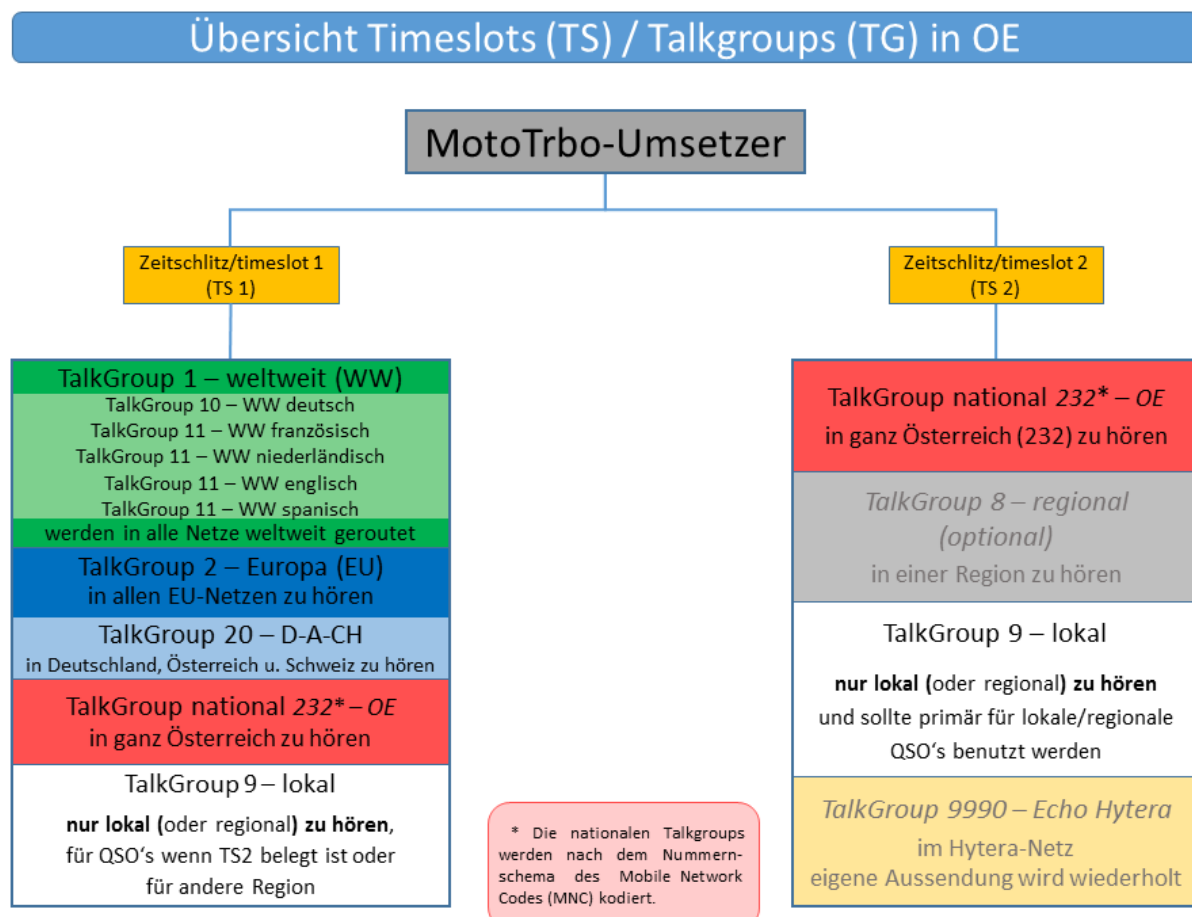
- TG 232 = für österreichweite Funkgespräche
- TG 8 = für regionale Funkgespräche
- TG 9 = für lokale bzw. regionale Funkgespräche

Für österreichweite und lokale Verbindungen sollte primär der Zeitschlitz 2 (TS 2) verwendet werden, da der Zeitschlitz 1 auch für internationale Verbindungen vorgesehen ist.

Weitere Details zu TS bzw. TG sind bei [Mototrbo-international](#) zu finden

## Sprechgruppen / Talkgroups in Österreich

Stand: 28. August 2014





## Sprechgruppen (TGs) in Österreich

Diese Sprechgruppen-Liste gilt in Österreich auf den Relais laut Umsetzerliste (siehe **Frequenzen-OE** mit Standortkarte) und sollte somit in allen österreichischen Geräte-Codeplugs (siehe **Mototrbo-Programmierung**) abgebildet sein. Wobei die genaue Verbreitung der TG1x in OE aus der weiter unten stehenden Matrix [\[1\]](#) entnommen werden kann.

| Sprechgruppe<br>Talkgroup | Sprechgruppen-<br>bezeichnung | Verbreitungsgebiet                   | Zeitschlitz<br>Timeslot | Bemerkungen                                                                    |
|---------------------------|-------------------------------|--------------------------------------|-------------------------|--------------------------------------------------------------------------------|
| TG 1                      | 1 WELTWEIT WW                 | in alle weltweiten Netze             | TS 1                    | für weltweite <b>Anrufe</b> und <b>KURZE</b> QSOs                              |
| TG 10                     | 10 WW DEU                     | in alle weltweiten Netze             | TS 1                    | für weltweite QSOs in deutsch                                                  |
| TG 11                     | 11 WW FRA                     | in alle weltweiten Netze             | TS 1                    | für weltweite QSOs in französisch (nicht auf allen OE-Umsetzern verfügbar!)    |
| TG 12                     | 12 WW NLD                     | in alle weltweiten Netze             | TS 1                    | für weltweite QSOs in niederländisch (nicht auf allen OE-Umsetzern verfügbar!) |
| TG 13                     | 13 WW ENG                     | in alle weltweiten Netze             | TS 1                    | für weltweite QSOs in englisch (nicht auf allen OE-Umsetzern verfügbar!)       |
| TG 14                     | 14 WW SPA                     | in alle weltweiten Netze             | TS 1                    | für weltweite QSOs in spanisch (nicht auf allen OE-Umsetzern verfügbar!)       |
| TG 2                      | 2 EUROPA                      | in alle europäischen Netze           | TS 1                    | für europaweite Anrufe und QSOs                                                |
| TG 20                     | 20 D-A-CH                     | Deutschland, Österreich & Schweiz    | TS 1                    | für deutschsprachige Anrufe und QSOs                                           |
| TG 232                    | 232 ÖSTERREICH                | alle österreichischen Regionalnetze  | TS 1                    | für Anrufe und kurze nationale Gespräche in OE                                 |
| TG 9                      | 9 LOKAL                       | keine Weiterleitung, regionales Netz | TS 1                    | Lokalbetrieb, wenn TS2 besetzt ist, gilt für alle Regionalnetze                |
| TG 232                    | 232 ÖSTERREICH                | alle österreichischen Regionalnetze  | TS 2                    | für längere, österreichweite Gespräche                                         |
|                           |                               | regionales Netz (OE1)                |                         |                                                                                |

| Sprechgruppe<br>Talkgroup | Sprechgruppen-<br>bezeichnung | Verbreitungsgebiet                      | Zeitschlitz<br>Timeslot | Bemerkungen                                                    |
|---------------------------|-------------------------------|-----------------------------------------|-------------------------|----------------------------------------------------------------|
| TG 8                      | 8 REGIONAL                    | & OE3)                                  | TS 2                    | für regionale QSOs                                             |
| TG 9                      | 9 LOKAL                       | keine Weiterleitung,<br>regionales Netz | TS 2                    | für längere, lokale<br>QSOs, gilt für alle<br>Regionalnetze    |
| TG 9990                   | 9990 ECHO                     | keine Weiterleitung                     | TS 2                    | Hytera Netz - eigene<br>Ausendung wird<br>wiederholt (Papagei) |

### Österreichweite DMR-Abdeckung

Detailliertere Informationen/Darstellungen zu den Abdeckungen der einzelnen Umsetzer und der DMR-Regionen (TG 8 & 9) in Österreich sind bei [Mototrbo-Umsetzer-Footprints](#) zu finden

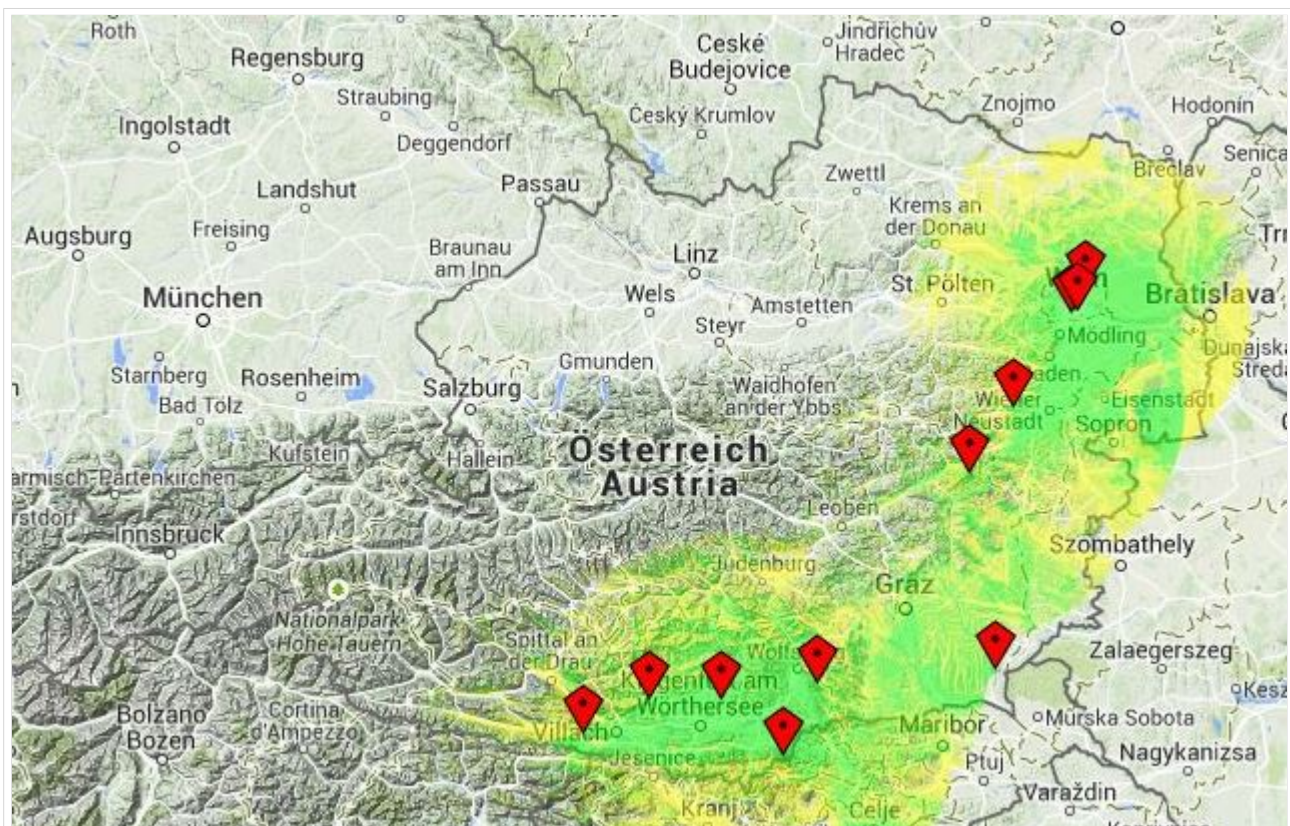
### Motorola



Darstellung der Motorola DMR Abdeckung in Österreich auf TG232



## Hytera



Darstellung der Hytera DMR Abdeckung in Österreich auf TG232

