

Simplified DMR Gateway Talkgroup rewrites For duplex use of both time slots

[DMR Network 2]

Enabled=0
Address=161.97.181.32
Port=55555
TGRewrite1=1,8000001,1,1,999999
TGRewrite2=2,8000001,2,1,999999
SrcRewrite1=1,1,1,8000001,999999
SrcRewrite2=2,1,2,8000001,999999
Password="PASSWORD"
Debug=0
Id=1234567
Location=0
Name=DMR+_IPSC2-DVSPH-A

[DMR Network 3]

Enabled=0
Name=HBLink
Address=1.2.3.4
Port=5555
TGRewrite=2,11,2,11,1
Password="PASSWORD"
Location=0
Debug=0
TGRewrite0=2,11,2,11,1

[DMR Network 4]

Enabled=1
Address=tgif.network
Port=62031
Name=TGIF Network
Debug=0
Location=4
Id=1234567
Password="your TGIF passkey"
TGRewrite1=1,4000001,1,1,999999
TGRewrite2=2,4000001,2,1,999999
SrcRewrite1=1,1,1,4000001,999999
SrcRewrite2=2,1,2,4000001,999999

DMR Network 5]

Enabled=1
Address=
Port=62031
Password="passw0rd"
Id=1234567
Debug=0
Location=5
Name=
TGRewrite1=1,5000001,1,1,999999
TGRewrite2=2,5000001,2,1,999999
SrcRewrite1=1,1,1,5000001,999999
SrcRewrite2=2,1,2,5000001,999999
Options="PASS=Add Small Password"

Explanation for use of simplified DMR Gateway talkgroup rewrites **for Simplex use on time slot 2**

Net 2 DMR+IPSC2 Using TG-8

TGRewrite=2,8000001,2,1,999999

PCRewrite=2,8000001,2,1,999999 - send RF out to server

SrcRewrite=2,1,2,8000001,999999 - receive from server and send out RF

Net 3 QuadNet DMR Using TG-7

TGRewrite=2,7000001,2,1,999999

PCRewrite=2,7000001,2,1,999999 - send RF out to server

SrcRewrite=2,1,2,7000001,999999 - receive from server and send out RF

Net 4 TGIF Using TG1- for 7 digit talkgroups

TGRewrite=2,10000001,2,1,99999999

PCRewrite=2,10000001,2,1,99999999- send RF out to server

SrcRewrite=2,1,2,10000001,99999999- receive from server and send out RF

Net 4 TGIF Using TG-4 for regular 6 digit talkgroups no private call

TGRewrite=2,4000001,2,1,999999

SrcRewrite=2,1,2,4000001,999999 - receive from server and send out RF

Net 5 AmComm Using TG-5

TGRewrite=2,5000001,2,1,999999

PCRewrite=2,5000001,2,1,999999 - send RF out to server

SrcRewrite=2,1,2,5000001,999999 - receive from server and send out RF

TGIF rewrites to accommodate the new private call feature recently added to the server

Using 8 digit talkgroup rewrites

So for TGIF it would look like this **for simplex or duplex**

PCRewrite1=1,10000001,1,1,99999999 (TS-1) Private Call For 7 digit TG TGIF

PCRewrite2=2,10000001,2,1,99999999 (TS-2) Private Call For 7 digit TG TGIF

TypeRewrite1=1,10000001,1,99999999 (TS-1) Group Call For 7 digit TG TGIF

TypeRewrite2=2,10000001,2,99999999 (TS-2) Group Call For 7 digit TG TGIF

TGRewrite1=1,10000001,1,1,99999999 (TS-1) Group Call For 7 digit TG TGIF

TGRewrite2=2,10000001,2,1,99999999 (TS-2) Group Call For 7 digit TG TGIF

SrcRewrite1=1,1,1,10000001,99999999 (TS-1) Source from server

SrcRewrite2=2,1,2,10000001,99999999 (TS-2) Source from server

Explanation of talkgroup rewrites using as an example TGRewrite=2,5000001,2,1,999999

2 - RF Time Slot

5000001 - RF - First TG of a series

2 - Network Time Slot

1 - Network - First TG of a series

999999- quantity of tg's in the series

(ie RF 5000310 translates to 310 on Net5). The return on Net-5 310 translated back to radio 5000310)

The TGRewrite rule is bi-directional

The PCRewrite rule is not bi-directional so you need two rules for private call

PCRewrite=2,5000001,2,1,999999 - send RF out to server

SrcRewrite=2,1,2,5000001,999999 - receive from server and send out