



DMR これってなに？



JN4TBI

DMR無線機を設定していくと Color Code Time Slot

▶ CC(color code)ってなに？

アナログ無線機で例えるならトーンスケルッチ・デジタルスケルッチみたいなものです

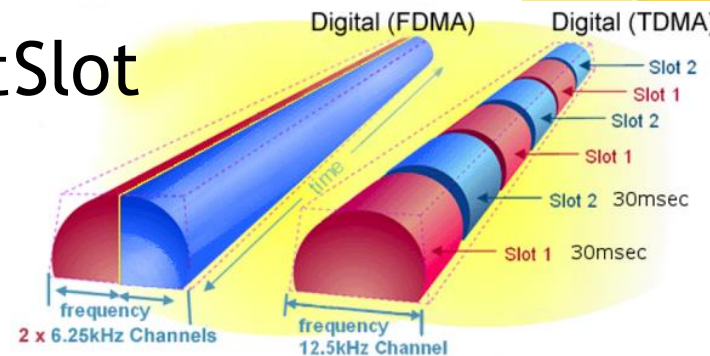
0~15まで16種類あります。

▶ Time Slot TS1・TS2

TDMA方式により切り分けたSlot

レピーターはCC1・TS1

#FFFFFF	#DDDDDD	#AAAAAA
#FFB7DD	#FF8C2	#FF44AA
#FFCCCC	#FF8888	#FF3333
#FFC8B4	#FFA488	#FF7744
#FFDDAA	#FFB666	#FFAA33
5	#FFCC22	



TG (Talk Groups)

▶ Talk Groupe 直訳すると おしゃべりグループ(笑)

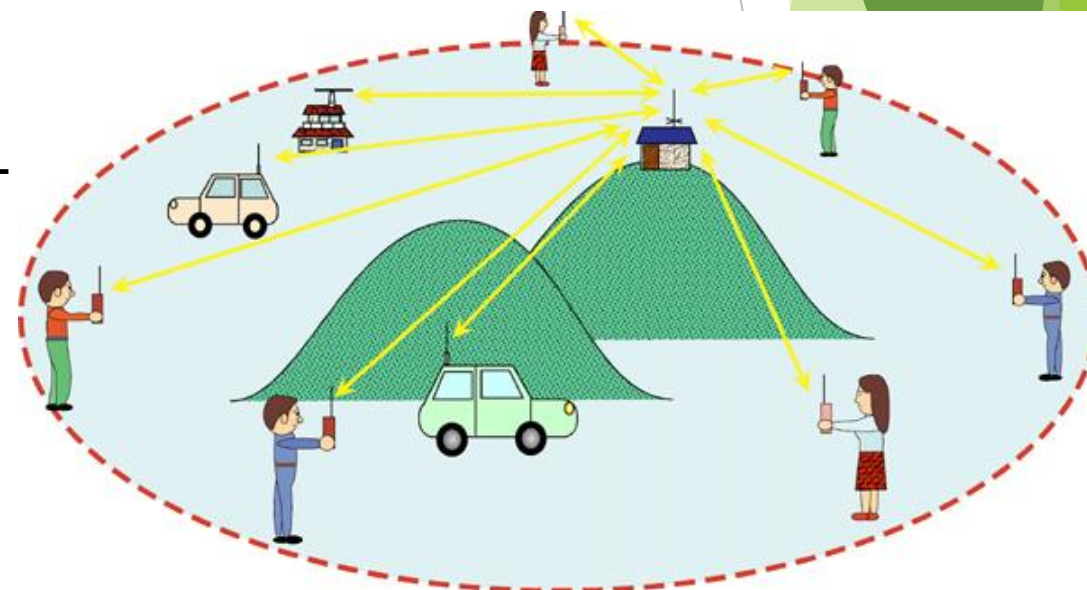
DMR TGを同じにしないと交信できない

グループ呼び出し番号になります

D-STARで言う 山掛けと同じです

レピーターはTG1/TS1を受信する

送信はTG/TS2から



TG (Talk Groups)



DMR
DIGITAL MOBILE RADIO ASSOCIATION

▶ Talk Groupe 直訳すると おしゃべりグループ(笑)

DMR TGを同じにしないと交信できない
グループ呼び出し番号になります

D-STARで言う 山掛けと同じです。

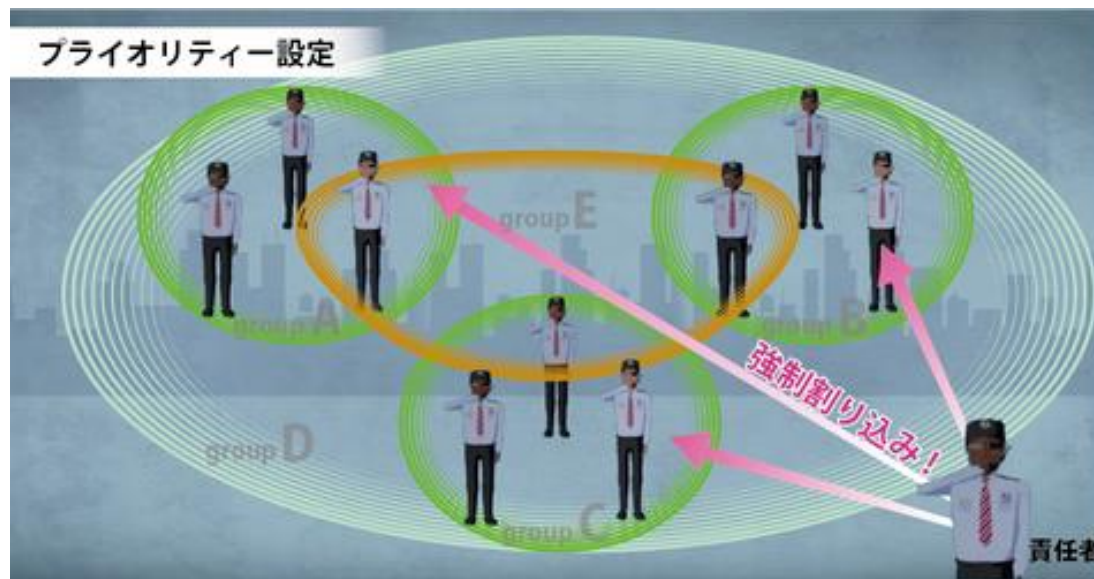
レピーターはTG1を設定されています

レピーターに合わせたTG番号CC/TSで交信



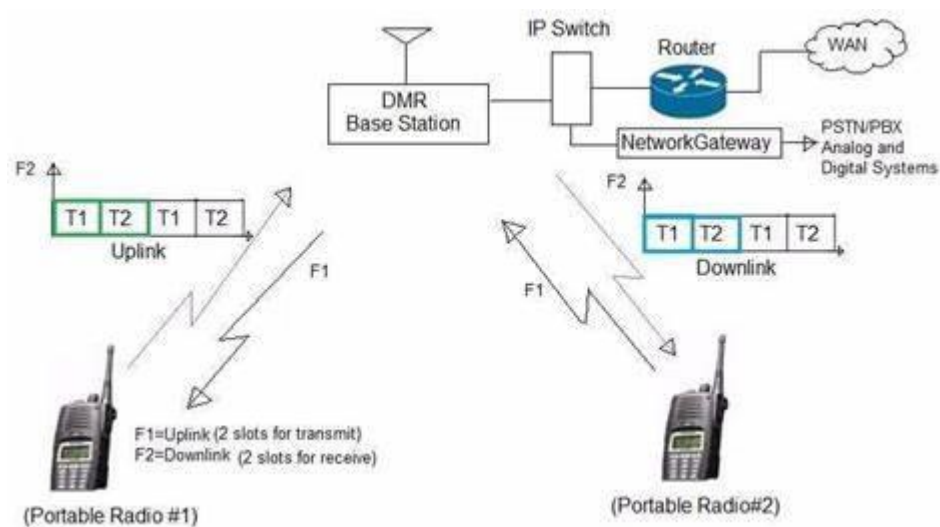
TG (Talk Groups)

- ▶ All Call
- ▶ Groups Call
- ▶ Private Call



TG (Talk Groups) Reflector Inter NET

- ▶ すこし、ややこしくなります☹
- ▶ Reflcterに接続するにはHOT SPOT Pi-starで



TG (Talk Groups) Reflector Inter NET



▶ DMRのReflectorはBM・DMR+・TGIF・FreeDMR他にも

BrandMeister User Dashboard

- REPEATERS: 6519 (Full report)
- HOTSPOTS: 18000 (Full report)
- MASTERS: 46 (Full report)
- VOICE CALLS: 17 (Full report)
- Repeater in RX: 11
- Repeater in TX: 320
- External ca: [Progress indicator]

IPSC2-Japan
REGISTERED (D.08.13) 2024-09-16 08:00:00
NET TSI

NR	REFLECTOR	CALL TSI	NET TSI

MW-CQ active talkgroups: <

NR	REPEATER	INFO	ID	TS1	CQ	LINK-STATUS
			TS1-INFO			
1	BM4AIK	PL02dp ... Kaohsiung (30)	466119401			
2	BM4AIK	Kaohsiung, PL02dp (22)	466119402			
3	JA5PKU	JA5PKU (27)	440134202			
4	JA9DJJ	JA9DJJ (24)	440020722			
5	JE3NRO	Shisou (30)	4403165			
6	JG3EBB	JG3EBB (29)	440312602			
7	JG6YLB	Oita (21)	440012503		CQ	
8	JG7IMF	Sendai (30)	4407004			
9	JH4GQC	Kure Hiroshima (26)	4400071			
10	JM1YUC	Minamiboso-city CHIB (22)	440076601			
11	JM4TBI	Kure (29)	4400066			
12	JR2POZ	Susono-City (24)	440208401			
13	XLX634G	XLXLink (26)	440101			

TGIF Network Monitoring Help

Search...

Talkgroup	Active Callsigns
TG 3023 Ontario Bridge to DMR+ and BM	VE3XID - Jim
TG 51598 Freedom	4F8X - Rollydel
TG 30277 R.A.T.S. Digital Network Group	KN6SF - Kapihan
TG 51547 KAPIHAN Network KN6SF	KN6SF - Kapihan
TG 51525 DX2KPH KAPIHAN Ilocos PH	DX2KPH - Kapihan
TG 51590 DX9BC BRAVE INC.	DX9BC - Butuan
TG 51509 KAPIHAN Network Organization Philippines	DX1KPH - Kapihan

TG (Talk Groups) Reflector Inter NET



▶ Reflectorに接続するのにTGを使用する

Pi-Star Digital Voice S

BrandMeister Talkgroup List

The below table is generated by connecting to the BrandMeister API, this data is live as of the time this page was loaded.

There are **1671** available TalkGroups on the BrandMeister network.

Listen live at the [BrandMeister Hose Line](#).

BM TG Number	BM TG Name
TG 1	Local
TG 2	Cluster
TG 8	Regional
TG 9	Local
TG 91	World-wide
TG 92	Europe
TG 93	North America
TG 94	Asia, Middle East
TG 95	Australia, New Zealand
TG 98	Radio Test
TG 202	Διεθνές Ελλάδα

Pi-Star Digital Voice Software

DMR+ TalkGroup List

The below table is generated by connecting to the DMR+ IPSC2 network, this data is live as of the time this page was loaded.

There are **270** TalkGroups available on DMR+.

DMR+ TG Number	DMR+ TG Name	Language
TG 1	World-wide	Eng
TG 2	Europe	Eng
TG 3	North-America	Eng
TG 4	Asia	Eng
TG 5	Oceania	Eng
TG 6	D-STAR Bridge	
TG 7	C4FM Bridge	
TG 8	Regional	
TG 9	Local/Reflector	
TG 10	WW German	Ger
TG 11	WW French	Fre
TG 12	WW Dutch/flemish	Dut
TG 13	WW English	Eng
TG 14	WW Spanish	Spa
TG 15	WW Portuguese	Por
TG 16	WW Italian	Ita
TG 17	WW Nordic	Nor
TG 18	WW Russian	Rus

Pi-Star Digital Voice Software

TGIF Talkgroup List

The below table is generated by connecting to the TGIF API, this data is live as of the time this page was loaded.

There are **2008** available TalkGroups on the TGIF network.

TGIF TG Number	TGIF TG Name
101	Tac-101
102	Tac-102
103	Tac-103
104	Tac-104
105	Tac-105
106	Tac-106
107	Tac-107
108	Tac-108
109	Tac-109
110	North America
111	Europe
112	Asia Pacific
113	World Wide English
114	World Wide



TG (Talk Groups) Reflector Inter NET

▶ 同じTG番号が！！ えーーーー！！どうなっているの？

Pi-Star Digital Voice Software Pi-Star Digital Voice Software Pi-Star Digital Voice Software

DMR TalkGroup List

This table is generated by connecting to the FreeDMR network, and is live as of the time this page is loaded.
There are 882 TalkGroups available on FreeDMR.

TG Number	TG Name	World
TG 91	Worldwide	World
TG 202	Greece DV - YSF 00202	Greece
TG 204	Nederlands-National	Netherlands
TG 206	Belgium-National	Belgium
TG 208	France DMR+	France
TG 212	Monaco	Monaco
TG 213	Andorra	Andorra
TG 214	National Spain (P)	Spain
TG 216	Hungary	Hungary
TG 218	Bosnia And Herzegovina	Bosnia
TG 219	Croatia	Croatia
TG 220	Serbia	Serbia
TG 222	Italy	Italy
TG 226	Romania National	Romania

P25 Reflector List

Note: This table of P25 reflectors is pulled from the Pi-Star P25 Database

P25 TG Number	Description
TG 6	6 XLX045E P25 <-> DMR/DSTAR/YSF/NXDN
TG 38	38 Thailand P25 Link XLX Nexus
TG 116	116 UK TGIF
TG 137	XLX137 Module A Link to YSF79655
TG 138	138 P25 PKT THAILAND
TG 148	P25 Link XLX148 Modules X
TG 149	149 P25 Link To XLX Nexus Module X
TG 164	164 K4FSG Reflector
TG 202	202 HELLAS Zone P25
TG 204	204 W8UFO P25 Reflector
TG 214	214 SPAIN P25 Reflector
TG 226	226 Romania P25 Reflector
TG 228	228 Switzerland - https://project25.ch
TG 235	235 DVSPH UK Wide
TG 260	260 HBLink Poland P25

YSF Reflector List

This table of YSF reflectors is pulled from the Pi-Star YSF Database (updated every 5 mins)

YSF Number	Description	YSF DTMF	DMR2YSF TG	DMR via D
62674	-----	#62674	TG 62674	TG
44513	-----NO	#44513	TG 44513	TG
21909	-----YES	#21909	TG 21909	TG
95569	-----GAYYY	#95569	TG 95569	TG
85527	-----PRIDE	#85527	TG 85527	TG
01701	-----STAR-TREK	#01701	TG 01701	TG
12920	---KP3AV-System	#12920	TG 12920	TG
96265	-00-HUBNet-00-	#96265	TG 96265	TG
88889	-NOTREAL-RADIO	#88889	TG 88889	TG
11111	-RAMSES-USA	#11111	TG 11111	TG
69159	00-Adelaide-10G	#69159	TG 69159	TG
64296	00-CQ-NW-UK	#64296	TG 64296	TG
54321	00-CQ-UK-C4FM	#54321	TG 54321	TG
41619	00-CQ-WORLD	#41619	TG 41619	TG
89134	00-CUMBRIACQ.COM	#89134	TG 89134	TG
23503	00-ChatterBox	#23503	TG 23503	TG

TG (Talk Groups) Reflector Inter NET

- ▶ Reflector番号をつけられているため重複した番号がある。
- ▶ BrandMeisterサーバー直下ではTGでもOK
44120→44120 BM-JP に接続
- ▶ 他はBMGate越えていくのでサーバーの番号をつける 例えばDMR+は+80000
4900+80000→84900 D+IPSC2 JAPAN に接続



TG (Talk Groups) Reflector Inter NET

- ▶ TGIF はTG+500000で接続
- ▶ NXDNはTG+7000000 クロスモードでNXDNに接続
- ▶ YSF/FCSはTG+7000000クロスモードでYSF/FCS接続

DMR Master
BM 3102 United St..
DMR+ IPSC2-Japan
DMR2YSF Cross-over
Prime TGIF Network
YSF Network
JAPANLINK

YSF Reflector List

This table of YSF reflectors is pulled from the Pi-Star YSF Database (updated every 5 mins).

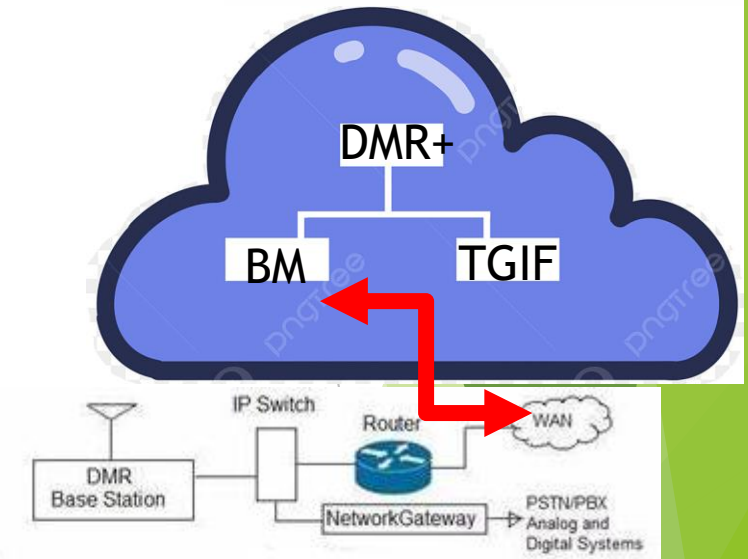
YSF Number	Description	YSF DTMF	DMR2YSF TG	DMR2YSF TG via DMRGateway
62674	-----	#62674	TG 62674	TG 7062674
44513	-----NO	#44513	TG 44513	TG 7044513
21909	-----YES	#21909	TG 21909	TG 7021909
95569	-----GAYYY	#95569	TG 95569	TG 7095569
85527	-----PRIDE	#85527	TG 85527	TG 7085527
01701	-----STAR-TREK	#01701	TG 01701	TG 7001701
12920	----KP3AV-System	#12920	TG 12920	TG 7012920
96265	-00-HUBNet-00-	#96265	TG 96265	TG 7096265
88889	-NOTREAL-RADIO	#88889	TG 88889	TG 7088889
11111	-RAMSES-USA	#11111	TG 11111	TG 7011111
69159	00-Adelaide-10G	#69159	TG 69159	TG 7069159
64296	00-CQ-NW-UK	#64296	TG 64296	TG 7064296
54321	00-CQ-UK-C4FM	#54321	TG 54321	TG 7054321

まとめ

- ▶ TGリストで検索すると同じTG No 1がある!!
- ▶ TGは呼び出し番号
NTTで例えるなら電話番号
- ▶ BMサーバーのTGはそのまま使える
NTTで例えるなら市内番番号
- ▶ DMR+・TGIF・NXDN・YSFに接続するなら
サーバーの番号+TG
NTTで例えるなら市外局番+市内番号

DMR皆さんと盛り上げていきましょう

※ Pi-STAR 欲張り仕様 なんでも 参考にしてください



JN4TBI