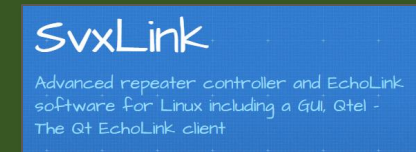


# Bridged Traffic

DMR D-Star YSF SvxFink



# Bridged traffic

Namn	DMR	D-star	YSF@XLX010	YSF	Wires-X
SM X-link	240240	DCS010B	XLX010B		
Sweden Link	24024	DCS010E	XLX010E	YSF18045	28635
Sweden Hub	240216	DCS010J	XLX010J	YSF89207	27781
SSA-bulletin	2410	DCS010D	XLX010D		
SM0	2400	DCS010K	XLX010K		
SM2	2402	DCS010Q	XLX010Q		
SM3	2403	DCS010S	XLX010S		
SM Norr	24033	DCS010F	XLX010F		
SM4	2404	DCS010T	XLX010T		
SM5	2405	DCS010U	XLX010U		
SM6	2406	DCS010V	XLX010V		
SM7	2407	DCS010W	XLX010W		
SE SM5GXQ	2405174			YSF57839	



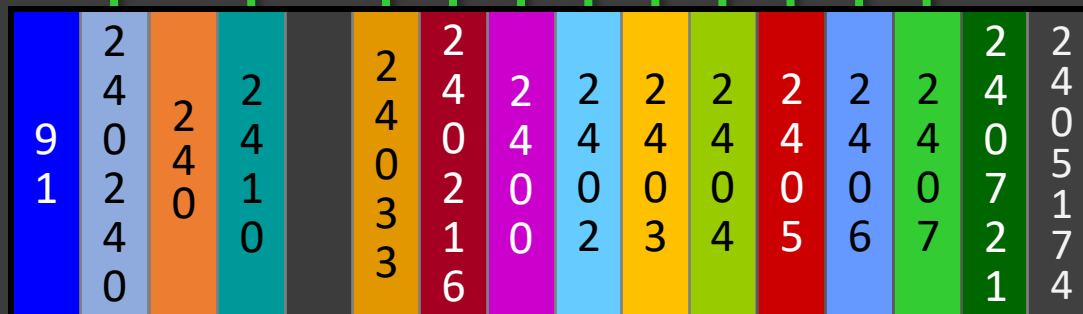
## XRF699 Modules



## DCS010 Modules



## DMR Talk groups



## YSF Reflectors



## Wires-X Rooms



## SvxLink Talk groups

# SM5GXQ

Simplex node

BM TGIF YSF SvxLink



## DCS010

Modules

A	B	C	D	E	F	J	K	Q	S	T	U	V	W						
---	---	---	---	---	---	---	---	---	---	---	---	---	---	--	--	--	--	--	--

Brandmeister

91	240240	240	2410	24024	24033	240216	2400	2402	2403	2404	2405	2406	2407	240717	240721	2405174	2405174
----	--------	-----	------	-------	-------	--------	------	------	------	------	------	------	------	--------	--------	---------	---------

## DMR

TGIF

## YSF

Reflektors

XLX010 B		XLX010 D	18045	XLX010 F	89207	XLX010 K	XLX010 Q	XLX010 S	XLX010 T	XLX010 U	XLX010 V	XLX010 W						57839
-------------	--	-------------	-------	-------------	-------	-------------	-------------	-------------	-------------	-------------	-------------	-------------	--	--	--	--	--	-------

## Wires-X

Rooms

## SvxLink

Talk groups

91	92	240	924	927			2400	24002	24003	24004	24005	24006	24007					24078	2405174
----	----	-----	-----	-----	--	--	------	-------	-------	-------	-------	-------	-------	--	--	--	--	-------	---------

# SM5GXQ

## SvxLink

Sweden – UK – Germany



SvxReflector  
Funknetz.de

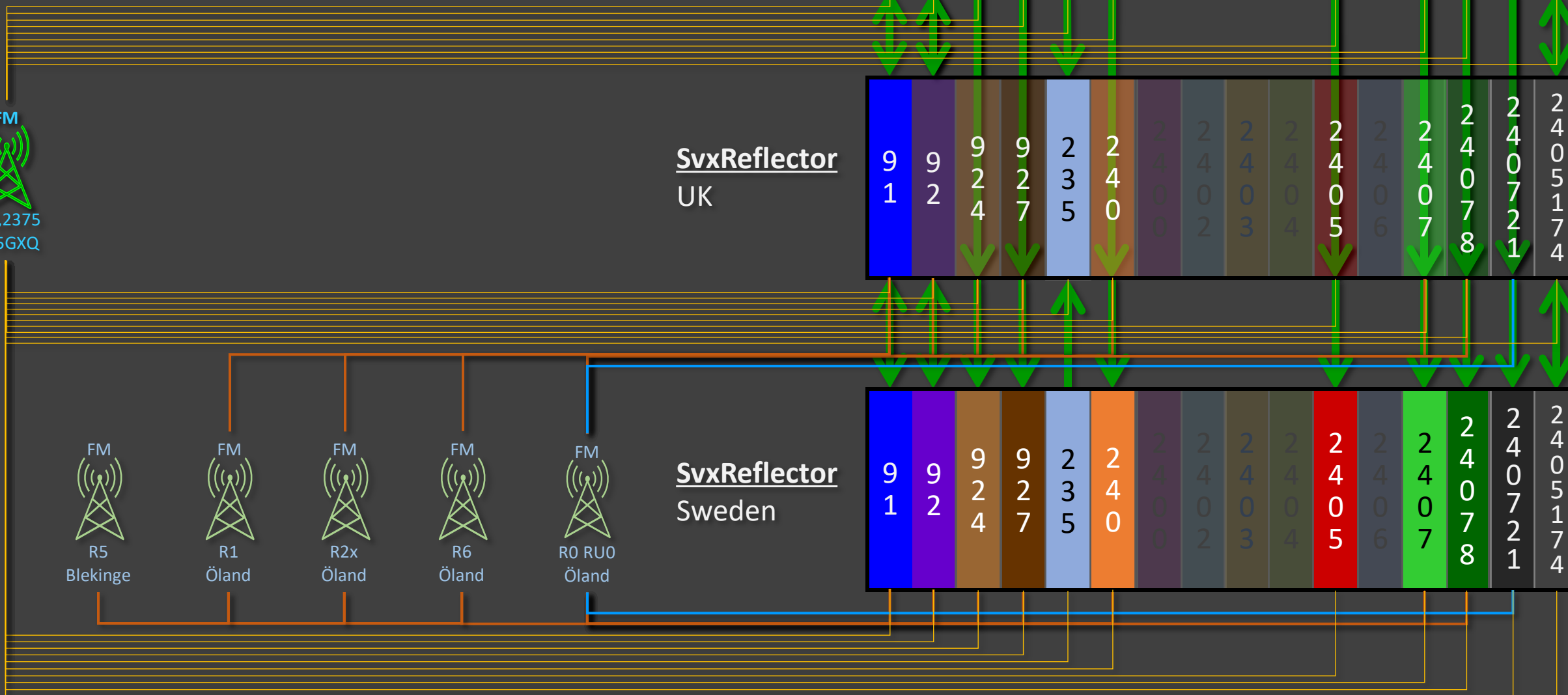
9 1	9 2	9 2 4	9 2 7	2 3 5	2 4 0	2 4 0 0	2 4 0 2	2 4 0 3	2 4 0 4	2 4 0 5	2 4 0 6	2 4 0 7	2 4 0 7 8	2 4 0 7 2 1	2 4 0 5 1 7 4
--------	--------	-------------	-------------	-------------	-------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	-----------------------	----------------------------	---------------------------------

SvxReflector  
UK

9 1	9 2	9 2 4	9 2 7	2 3 5	2 4 0	2 4 0 0	2 4 0 2	2 4 0 3	2 4 0 4	2 4 0 5	2 4 0 6	2 4 0 7	2 4 0 7 8	2 4 0 7 2 1	2 4 0 5 1 7 4
--------	--------	-------------	-------------	-------------	-------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	-----------------------	----------------------------	---------------------------------

SvxReflector  
Sweden

9 1	9 2	9 2 4	9 2 7	2 3 5	2 4 0	2 4 0 0	2 4 0 2	2 4 0 3	2 4 0 4	2 4 0 5	2 4 0 6	2 4 0 7	2 4 0 7 8	2 4 0 7 2 1	2 4 0 5 1 7 4
--------	--------	-------------	-------------	-------------	-------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	-----------------------	----------------------------	---------------------------------



# DMR Bridge @SM5GXQ

- SvxLink Talk group 2405174 is SM5GXQ's individual Talk Group. It's automatically activated on SM5GXQ's SvxLink Node.
- This talk group may also be activated from elsewhere on SvxLink.
- Now, the DMR bridge is activated, to bridge the traffic to DMR talk group 2405174.
- DMR nodes monitoring 2405174 can now hear local FM traffic from SM5GXQ and SvxLink talk group 2405174.
- The bridge may also be activated from DMR, just by transmitting on talk group 2405174.

## Brandmeister Master 2402

2	2	2	2	2	2	2	2
4	4	4	4	4	4	4	4
0	0	0	0	0	0	0	0
5	5	5	5	5	5	5	5
1	1	1	1	1	1	1	1
7	7	7	7	7	7	7	7
4	4	4	4	4	4	4	4

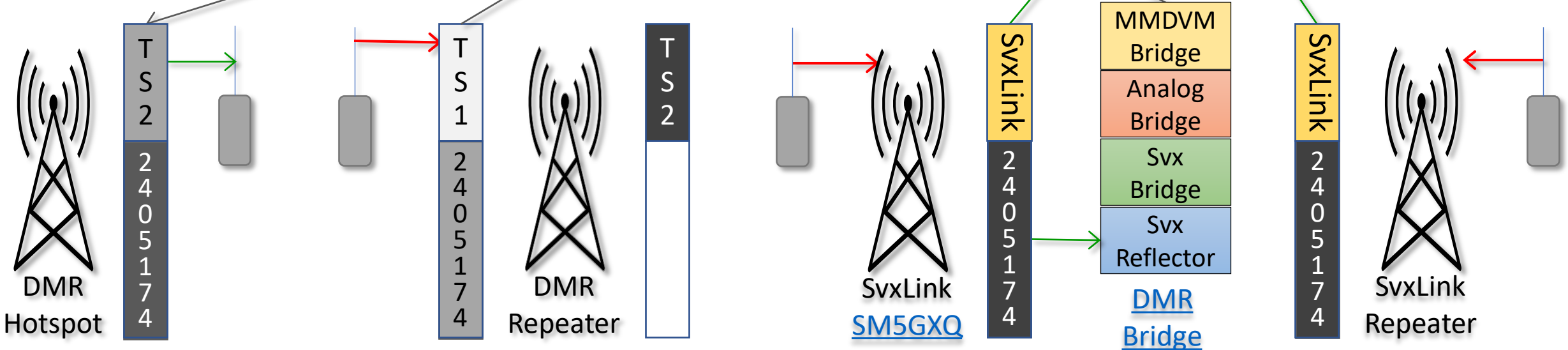
## SvxReflector

2	2	2	2	2	2	Q	Q
4	4	4	4	4	4	S	S
0	0	0	0	0	0	Y	Y
5	5	5	5	5	5	0	0
1	1	1	1	1	1	1	1
7	7	7	7	7	7	2	2
4	4	4	4	4	4		

Talk Group  
2405174

Talk Group  
2405174

Talk Group  
2405174



# DMR Bridge @SK7RFL

- SvxLink Talk group 24078 is used to bridge SK7RFL and SK7RN repeaters together.
- Now, the DMR bridge is activated, to bridge the traffic to DMR talk group 240721.
- DMR nodes monitoring 24071 can now hear local FM traffic from Öland.
- The bridge may also be activated from DMR, just by transmitting on talk group 240721.
- From SK7RFL DMR Repeater, the bridge may be activated from talk group 6.

## Brandmeister Master 2402

2	2	2	2	2	2	2	2
4	4	4	4	4	4	4	4
0	0	0	0	0	0	0	0
5	7	4	2	4	2	7	7
		0	4	2	1	2	1
		0	0	2	6	1	7

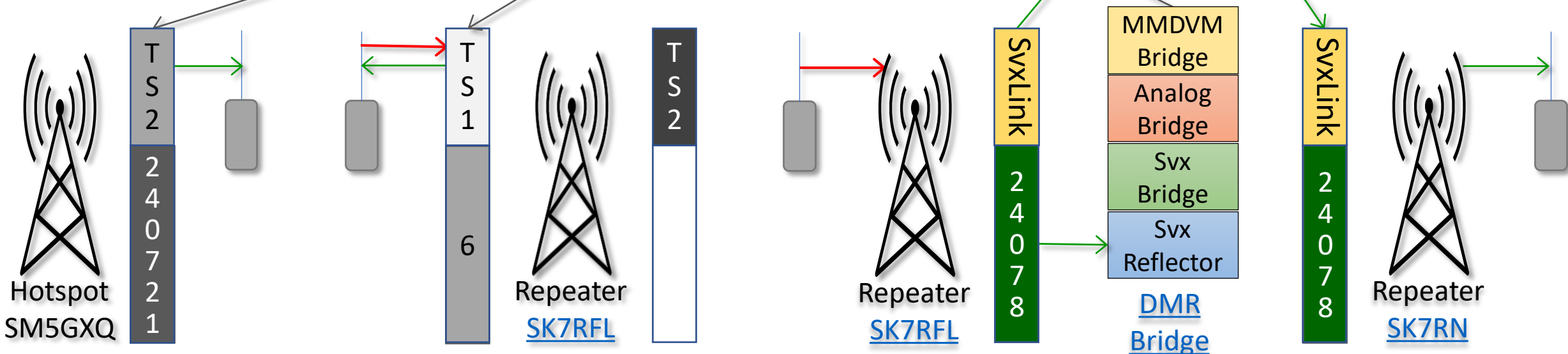
## SvxReflector

2	2	2	2	2	2	Q	Q
4	4	4	4	4	4	S	S
0	0	0	0	0	0	Y	Y
2	2	3	5	7	8	0	0
						1	2

Talk Group  
24078

Talk Group  
240721

Talk Group  
6





## SvxFink

Advanced repeater controller and EchoLink software for Linux including a GUI, Qtel - The Qt EchoLink client

# International Traffic

Reflectors

Talk groups

Topology

SvxF Portals

- Reflector **"SE"** [Swedish](#) National Reflector.
- Reflector **"UK"** ["International"](#) reflector in England (G4NAB).
- Reflektor **"DE"** ["Funknetz.de"](#) reflector in Germany.
- Reflector **"SK7RFL"** Local Reflector at the Repeater.
  - Used for incoming EchoLink and DMR connections.
  - May be used for emergency traffic, when the repeaters are not connected to the networks.
- SK7RFL, SK7RN, SK5BN, SM5GXQ are connected to **SE**, **UK** and **DE** reflector networks.
  - They do not monitor any international talk groups with heavy traffic load.
  - There is no direct bridging between the reflectors.
  - SM5GXQ Simplex node monitors (more) international talk groups.
- Normally only one reflector is active at the same time.
  - No "leakage" between the networks.
  - Same talk group numbers in use in both networks. They are not necessarily bridged.
- All talk groups can be activated as usual with DTMF.
  - The repeater "knows" which reflector to use.
- Talk group numbers are announced with:
  - **"Talk group"** for the Swedish Reflector.
  - **"UK"** for the English (international) Reflector.
  - **"DE"** for Funknetz.de.



# SvxLink – International Traffic



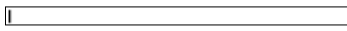





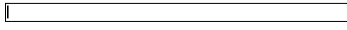
Anropssignal	TG#	Aktiv	Övervakade TGs	Start tid	Aktiv tid
SA0CAM	0	Nej	240 2400 24020 24070		
SA3AUX	0	Nej	240 2402 2403 2404 2406 24020 24033 24063 24070 24098		
SA5BJM	0	Nej	240 2405 24020 240582		
SA6GDS	0	Nej	240 2406 24061 24063 24070 24098		
SK0RMT	0	Nej	240 2400 2405 24070		
SK2AZ	0	Nej	240 2402 24020 24021 24022 240211		
SK2AZ-L	0	Nej	24020 240211		
SK2RIU	0	Nej	240 2402 24020 24021 24022 24033 240210		
SK2RWJ	0	Nej	240 2402 24020 24021 24022 240211		
SK3BG	0	Nej	91 92 235 240 242 244 2402 2403 24033 24070 240306 2403042		
SK3GK-2	0	Nej	240 2403 24020 24031 24070 240305		
SK3GK-70	0	Nej	240 2403 24020 24031 24070 240305		
SK3GW	0	Nej	240 2403 24020 24031 24070		
SK3LH	0	Nej	240 2402 2403 24020 24021 24022 24033		
SK3RFG	0	Nej	91 240 2403 24021 24022 24033 24070 240301		
SK3RIN	0	Nej	240 2402 2403 24021 24033 24070 240306		
SK3RQE	0	Nej	240 2403 24020 24033 24062 24070 240541		
SK4RGL	0	Nej	240 2404 24041 24070		
SK5AS	0	Nej	240 2405 24055 24070		
SK5LW-2	0	Nej	240515		
SK5LW-70	0	Nej	240 2402 2405 24020 24022 24070 240515		
SK5RHQ-2	0	Nej	240541		
SK5RHQ-70	0	Nej	240 2405 240541		
SK5RHT-6	0	Nej	240 2405 24055 24070		
SK6IF	0	Nej	240 2406 24062 24070		
SK6JX	0	Nej	240 2406 2407 24061 24070		
SK6QA	0	Nej	240 2406 24062 24070		
SK6RFQ-2	0	Nej	240 2406 24062 24070 240602 240603		
SK7JL	0	Nej	91 92 240 2407 24074 24078 2407151 24071519		
SK7RFL	0	Nej	91 92 240 924 927 2407 24078 240721 2407151		
SK7RN	0	Nej	91 92 240 924 927 2407 24078 2407151 2407364		
SM0SVX	0	Nej	240 2400 24020 24070 24099 2400238		
SM0SVX-L	0	Nej	2400238		
SM4FBD	0	Nej	240 2404 2406 24063 24098		
SM5GXQ	0	Nej	91 92 235 240 924 927 2405 2407 24078 24098 240501 2405174 2407151		
SM6LNU	0	Nej	240 2405 2406 24062 24064 24070		
SM6SXJ	0	Nej	91 92 240 2400 2401 2402 2403 2404 2405 2406 2407 24061 24062 24063 24070 24088 24098		
SM6TZL	0	Nej	240 2400 2402 2403 2404 2405 2406 2407 24061 24062 24063 24070 24098		
SM6UDU	0	Nej	2406 2407 24061 24062 24063 24064 24070 24078 24098		
SM6UNC	0	Nej	91 92 240 927 2402 2403 2406 2407 24061 24062 24063 24070 24098		
SM6XGP	0	Nej	91 240 2400 2402 2403 2404 2405 2406 2407 240602		
SM6ZDO	0	Nej	240 2400 2402 2403 2404 2405 2406 2407 24061 24062 24063 24070 24098		

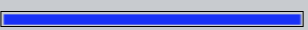
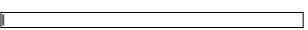

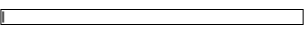
Callsign	TG#	Is talker	Monitored TGs
G4NAB	0	NO	9 235 2350 2351 23520 23561 23590
G4NAB-4	0	NO	235 2350 2351 23520 23561 23590
GB3EV	0	NO	235 2350 23520
GB3WK	0	NO	235 2350 23590
MOXHN	23526	YES	23526
SK5BN	0	NO	91 92 240 924 927 2405 240501
SK7RFL	0	NO	91 92 240 924 927 2407 24078 240721
SK7RN	0	NO	91 92 240 924 927 2407 24078 2407364
SM5GXQ	0	NO	91 92 235 240 924 927 2405 2407 24078 2405174

Anropssignal	TG#	Aktiv	Övervakade TGs
BV5DI-DJ	0	Nej	28 80 81 262 777 4711
DBOAM	0	Nej	8 88 262 882 26390
DB0EIN-DV	0	Nej	77 91 235 777 6213 26298 37574
DB0FHS	0	Nej	80 81 89 777 2622 19055
DB0FTS	0	Nej	28 80 81 84 88 89 262 777 882 985
DB0GSW	0	Nej	89 99 262
DB0KOE	0	Nej	80 81 84 88 89 262
DB0MGN	0	Nej	8 66 80 81 84 88 89 99 262 264 777 986 2327
DB0MVP	0	Nej	19055
DB0PER	0	Nej	81 262 19348
DB0RUG	0	Nej	28 80 262 777
DB0SRB	0	Nej	80 81 84 88 89 262 916 2629
DB0TDR	262	Nej	
DB0THM	0	Nej	8 88 262 882 986 26390
DB3MAX	0	Nej	77 80 262 777 7777 18311 19055
DB3MAX-DJ2	0	Nej	77 80 262 777 18311 19055
DB3MAX-DV	0	Nej	80 262 777 18311
DC1RME-DJ	0	Nej	8 88 262 882 26390
DC2PI-DJ	0	Nej	80 81 84 88 89 262 777
DF900	0	Nej	262 777 37574
DG0CCO	0	Nej	8 9 80 81 84 88 89 99 262 777
DG0TD	0	Nej	28 80 262 777 4711
DG1US-DJ	0	Nej	77 777 6213 37574
DG4MK-S	0	Nej	89 99 262 777
DG6IMF-DJ	0	Nej	20 80 81 84 89 99 262 777 2622
DHSVAP-DJ	0	Nej	8 9 80 81 88 89 99 262 777 4711 26390 37574
DI1JAY-D	0	Nej	66
DI1VK	0	Nej	56479
DI6WF-DJ	0	Nej	19348
DL1BH	0	Nej	777
DL1BH-DJ	0	Nej	89 262 264 888
DL1HQN-DJ	0	Nej	8 9 80 81 84 88 89 99 262 777
DL1HRC-DJ	0	Nej	8 9 80 81 84 88 89 99 262 777
DL2HXA-1	0	Nej	80 81 84 88 89 262 2629
DL4AW-DJ	0	Nej	80 81 84 88 89 262 2629
DM0GAP	0	Nej	80 81 88 262 880 882
DM0HR	0	Nej	80 81 84 88 89 262 777 981
DM3AL-DJ	0	Nej	8 9 80 81 84 88 89 99 262 777
DO0FWH	0	Nej	80 81 89 99 262 777 19055 26299
DO0HWI	0	Nej	27 80 81 84 88 89 262 777
DO0KGS	0	Nej	80 81 84 88 89 262 984 2629
DO0LF	0	Nej	262 777 34497
DO0RDG	0	Nej	80 262 777 18311
DO0RDG-DV	0	Nej	77 262 777 18311 19055 26298
DO0RM	0	Nej	70 80 81 84 88 89 262 2629
DO1NGH	0	Nej	88 262 882 986 26284 26390
DO1RHC	0	Nej	84 232 262 264 26298
DO2KTE-DJ	0	Nej	80 81 84 88 89 262 2629
DO4AA	0	Nej	777 4711 6213 37574
DO4BOS-DJ	0	Nej	8 9 77 80 81 84 88 89 99 262 777
Funknetz-nrw	0	Nej	84
MQTT	0	Nej	8 9 80 81 84 88 89 91 92 99 235 262 777 882 888 986 2622 19055 26298 26390
Neumarkt	0	Nej	26390
OE7SBH-DJ	0	Nej	80 81 89 99 232 262 777 2327
SM5GXQ	0	Nej	91 92 235 240 924 927 2405 2407 2405174

# New function in Receiver Monitor

**Repeater Flitiga Lisa - SK7RFL**  
JO86gq · SvxFlink · EchoLink SK7RFL-R 353167 · DMR 240717

+ SK7RFL		Öland	24070		Algutsrum	55 %	145.0000	00:48
'A'	R0	Algutsrum				55%	145.0000	
'A'	RU0	Algutsrum				2%	432.6000	
	SM7YPV					0%	EchoLink in	
	SM7BKZ					0%	EchoLink in	
	SM7PHS					0%	DMR	

+ SM5GXQ		Öland	0		G4NAB	100 %	GB Reflector	-
'A'	2m	Färjestaden				0%	145.2875	
'A'	G4NAB					100%	GB Reflector	
'A'	VK4TUX-T					0%	GB Reflector	