

Meteor-Scatter – Geminids

2015

Voici un bref résumé des QSO's réalisés sur 144 MHz durant la "pluie" de météorites Géminides de décembre 2015. Les indicatifs **en orange** montrent les QSO's planifiés ("skeds"), tandis que les autres ont été réalisés selon un modus operandi "full random".

Comme la plupart des QSO's ont été effectués durant le BCC Contest, les rapports ne sont intentionnellement pas montrés ici. Les Géminides ne sont pas favorables aux longs DX ; étant donné que cet essaim est relativement "lent", l'ionisation de la couche E se produit plus bas en altitude que pour des essaims plus rapides tels que les Quadrantides ou les Perséides.

Here is a brief summary of the QSO's made on 144 MHz during the Geminids meteor shower of December 2015. The callsigns **in orange** indicate scheduled ("skeds") QSO's, while others have been made in a full random modus operandi.

Since most of the QSO's have been made during the BCC Contest, the reports are intentionally not shown hereby. Geminids are not prone to sustain long DX ; since this shower is relatively "slow", the ionization of the E layer occurs lower in altitude than for the faster Quadrantids or Perseids showers.

DATE	CALLSIGN	LOCATOR	REMARKS	QRB
11/12/2015	OH8K	KP13FA	Best 9s	1768
12/12/2015	EI2KK	I065CA	Best 3s	928
12/12/2015	YU70N	KN05FG	Best 2s	1360
12/12/2015	OH8ETB	KP35EG	Best 1s – 2x9el	2076
13/12/2015	9A4V	JN95KI	Best 5s	1251
13/12/2015	LZ1JH	KN12PQ	Best 6s	1710
13/12/2015	OE6IWG	JN77PK	Best 1,3s	897

13/12/2015	UR5WCE	KN29BT	Best 0,9s	1433
13/12/2015	RM1A	K059BU	Best 0,24s	1932
13/12/2015	YL2A0	K016DK	Best 0,6s	1368
13/12/2015	UX2SB	KN28IX	Best 0,7s	1495
13/12/2015	OH6KTL	KP020J	Best 0,4s	1674
13/12/2015	S54AC	JN86FN	Best 0,28s	1021
13/12/2015	E77AR	JN94AS	Best 1s	1234
13/12/2015	Y02BBT	KN05UK	Best 1,5s	1435
13/12/2015	YU7GM	KN05EI	Best 4s	1350
14/12/2015	LZ2F0/2	KN14KA	Best 6s	1596
14/12/2015	9H1GB	JM75FU	Best 2s	1843
14/12/2015	F6FDR	JN24MA	Best 0,62s	736
14/12/2015	LY5G	K0050Q	Best 1s	1277
14/12/2015	SM5TSP	JP90BD	Best 3s	1382
14/12/2015	TM7G	JN03KN	Best 6s – Tr. S3	817
14/12/2015	YL3HA	K026DW	Best 15s	1502
14/12/2015	UR7DWW	KN18E0	Best 16s	1342
14/12/2015	S03Z	J082LJ	Best 1,5s	920
14/12/2015	YL2GC	K026AW	Best 5s	1488
14/12/2015	IK5YJY	JN53PG	Best 0,44s	986
14/12/2015	ES3RF	K029IF	Best 0,6s	1625
14/12/2015	LY2BUU	K015XH	Best 0,32s	1432
14/12/2015	OH1MN	KP10F0	Best 2s	1597
14/12/2015	Y02BCT	KN05PS	Best 2s	1388
14/12/2015	I3MEK	JN55SJ	Best 1s	808
14/12/2015	HA500	JN970M	Best 3s	1160
14/12/2015	LZ1ZP	KN22ID	Best 1s	1839
14/12/2015	Y060BK	KN26TR	Best 0,52s	1641
14/12/2015	EA3AXV	JN01TJ	Best 6s	1039



144 MHz – Aurora borealis –

20 Dec. 2015

Belle ouverture par aurore boréale ce soir. Nombreux QSO's sur 144 MHz, ODX EU6AF (1615 km). Pays contactés : DL, G, GI, GM, OZ, SM, LA, LY, EU. Ci-dessous 2 enregistrements vidéo qui mettent bien en évidence la distorsion de la note CW ou de la SSB introduite par l'aurore !

Le log des QSO's réalisés et la carte y relative se trouvent plus bas.

Nice opening via aurora borealis this evening. Many QSO's on 144 MHz, ODX EU6AF (1615 km). Worked countries : DL, G, GI, GM, OZ, SM, LA, LY, EU. Hereunder 2 video recordings that highlight very well the CW tone or SSB distortion introduced by the aurora !

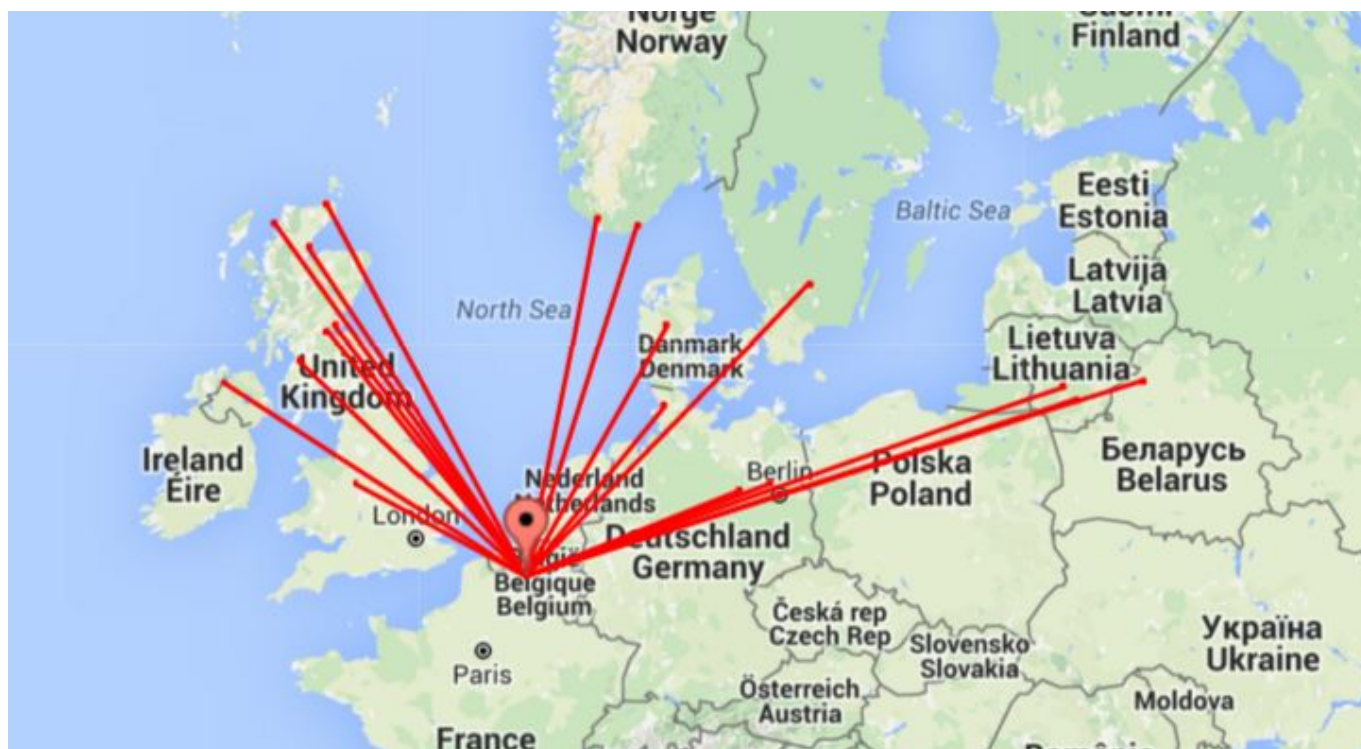
The log of the worked QSO's and the related map are further down this page.

<https://www.youtube.com/watch?v=0VcyM6p6DCM>

https://www.youtube.com/watch?v=6Ba-pxs_ZQI

UTC	Callsign	Locator	TX	RX	Mode	QTF
16:07	OZ1BEF	J0460E	59A	59A	CW	35°
16:15	GM4ZJI	I086KE	59A	59A	CW	30°
16:30	LA4YGA	J048BE	59A	59A	CW	40°
16:33	LA60J	J038HH	57A	59A	CW	40°
16:35	DL3BQV	J052W0	57A	57A	CW	40°
16:37	DL7ULM	J062MS	56A	57A	CW	40°
16:45	LY2FN	K014XV	53A	55A	CW	30°
16:53	EU6AF	K035LA	54A	59A	CW	30°
16:55	GI40WA	I064IX	56A	55A	CW	30°
16:58	DL5LBQ	J044NL	59A	59A	CW	30°
17:06	LY2WR	K024F0	57A	57A	CW	20°
17:15	M0PNN	I082TS	53A	55A	CW	25°
17:26	GM4PPT	I075SK	59A	57A	CW	0°

17:32	GM4JJJ	I086GB	58A	57A	CW	20°
17:39	GM3W0J	I077WS	59A	59A	CW	20°
18:10	GM8IEM	I078HF	59A	59A	SSB	15°
19:42	SM7GVF	J077GA	54A	54A	CW	0°
19:51	MM0CYR	I088G0	52A	57A	CW	0°



EME 144 MHz : FH/DL1RPL, DXCC #125

En novembre 2015, Peter DL1RPL a activé l'île de Mayotte, une dépendance française dans l'océan indien. QSO facile avec **FH/DL1RPL** (toujours en total "random", c'est-à-dire sans notification de mon appel sur un logger/chat), reçu -23 dBJT chez moi et moi -19 dBJT à Mayotte. La station utilisée de mon côté est toujours la même, à

savoir [2x9](#) él. [DK7ZB](#) et [600W](#).

In November 2015, Peter DL1RPL has been activating the Island of Mayotte, a French dependancy in the Indian Ocean. Easy QSO with **FH/DL1RPL** (always in total “random”, i.e. without notification of my call on a logger/chat), received -23 dBJT at home and me -19 dBJT in Mayotte. The station used my side is always the same, [2x9](#) él. [DK7ZB](#) and [600W](#).

The screenshot shows the MAP65 v2.5 software interface. The main window displays a log of QSOs with columns for Freq, DF, Pol, UTC, DT, dB, KV, DS, and TxPol. The selected entry is at 164000 kHz with a signal strength of -23 dBJT and a call sign of ON4KHG FH/DL1RPL. Below the log, there are several control panels: a 'Log QSO' button, a 'Monitor' button (highlighted in green), and a 'Decode' button (highlighted in cyan). To the left, there are two vertical scales for signal strength (13 dB to 50 dB) and a digital display showing '16:52:00'. In the center, there are fields for 'DX Call' (FH/DL1RPL) and 'Grid' (LH27gg), along with 'Lookup' and 'Add' buttons. To the right, there are several radio buttons for 'Tx1' through 'Tx6', with 'Tx5' selected. Below these, there are fields for 'RO', 'RRR', and '73'. At the bottom, there is a status bar showing 'Receiving S1', 'OSO Freq: 134', 'OSO DF: 319', 'Rx noise: 13.5 0.0 %', 'JT65B', and 'Ava: 0'.

Freq	DF	Pol	UTC	DT	dB	KV	DS	TxPol
134			163400					
134			163600					
134			163800					
134	324	0	164000	1.6	-23	ON4KHG FH/DL1RPL	OOO	1 75 0
134	321	0	164200	1.7	-25	ON4KHG FH/DL1RPL	OOO	0 53 0
134	315	0	164400	2.9	-19	RRR		0 0 0
134	312	0	164600	1.6	-22	OE6IWG FH/DL1RPL	OOO	1 0 0
134			164700					
134			164800					
134			164900					
134	301	0	165000	1.7	-23	S57M FH/DL1RPL	OOO	1 0 0
134			165100					

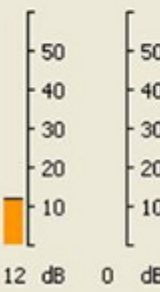
EME 144 MHz : T02EME, DXCC #123 – PJ7/PE1L, DXCC #124

En octobre 2015, Marshall K5QE, Johan PA3FPQ, Jurgen PE1LWT et Rene PE1L ont activé l'île de Saint-Martin, une île des Caraïbes dont la moitié nord est une dépendance française (DXCC FS), tandis que la moitié sud est un territoire Néerlandais, Sint-Maarten (DXCC PJ7). Depuis Saint-Martin, l'indicatif utilisé était **T02EME** et **PJ7/PE1L** depuis Sint-Maarten. Les deux entités ont été contactées relativement facilement, dont PJ7 avec ma seule antenne 12 él. DK7ZB sans élévation, juste à la toute fin de mon 2ème lobe de gain de sol.

In October 2015, Marshall K5QE, Johan PA3FPQ, Jurgen PE1LWT and Rene PE1L have been activating the island of Saint-Martin, an island of the West Indies which the North part is a French dependency (DXCC FS), while the South part is a Dutch territory, Sint-Maarten (DXCC PJ7). From Saint-Martin, the callsign used was **T02EME** and **PJ7/PE1L** from Sint-Maarten. Both entities have been worked fairly easily, of which PJ7 with my single 12 el. DK7ZB antenna without elevation, just at the very end of my 2nd ground gain lobe.

Freq	DF	Pol	UTC	DT	dB		KV	DS	TxPol
134			012200						
134	87	0	012400	1.4	-23	RRR	0	0	0
134			012600						
134			012800						
134			013000						
134	72	0	013200	3.0	-27	ON4KHG TO2EME FK88 OOO	0	18	0
134	57	0	013400	1.4	-23	RRR			
134			013600						
134			013700						
134			013800						
134			013900						
134	57	0	014000	1.6	-20	RRR	0	0	0

Log QSO Stop Monitor Decode Erase Auto is OFF Stop Tx



DX Call Grid

TO2EME FK88hk

Lookup Add

GenStdMsgs

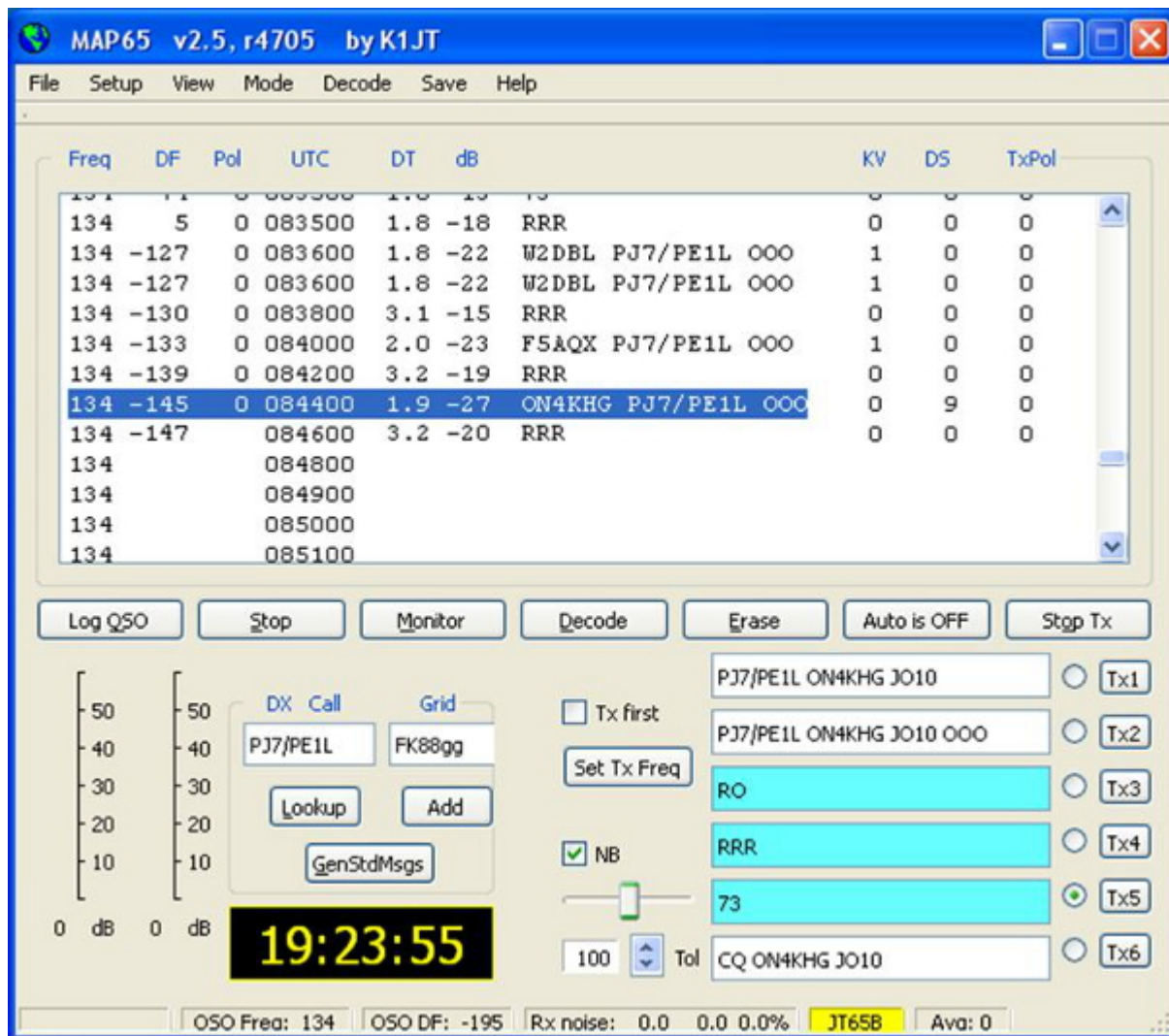
01:41:05

Tx first
Set Tx Freq

NB

50 Tol

- TO2EME ON4KHG JO10 Tx1
- TO2EME ON4KHG JO10 OOO Tx2
- RO Tx3
- RRR Tx4
- 73 Tx5
- CQ ON4KHG JO10 Tx6



144 MHz – Ouverture Tropo opening – Oct. 2015

Ouverture Tropo sur 144 MHz ces 23, 24 et 25 octobre 2015. Le 23 d'abord vers le sud (F1EYB près de Marseille reçu 57) et le sud-est, puis vers l'est et le nord-est le 24. Pas contacté OH6KTL ni LY5G car en déplacement de basket.

Tropo opening on 144 MHz on October 23rd, 24th and 25th, 2015. First on the 23th towards the South (F1EYB close to Marseille received 57) and the South-East, then to

the East and the North-East on the 24th. No contact with OH6KTL nor LY5G due to basket-ball game away.

