

# **Russound VM1** Video Matrix Hex Codes

**Document V1.00.02** 

## **RUSSOUND VM1 RS-232 HEX CODE LISTING**

## Zone 1 Source F0 00 00 77 00 00 70 00 04 01 04 00 00 02 04 00 00 00 01 00 01 00 00 7F F7 2 F0 00 00 77 00 00 70 00 04 01 04 00 00 02 04 00 00 00 01 00 01 00 01 00 F7 F0 00 00 77 00 00 70 00 04 01 04 00 00 02 04 00 00 00 01 00 01 00 02 01 F7 3 F0 00 00 77 00 00 70 00 04 01 04 00 00 02 04 00 00 00 01 00 01 00 03 02 F7 5 F0 00 00 77 00 00 70 00 04 01 04 00 00 02 04 00 00 00 01 00 01 00 04 03 F7 F0 00 00 77 00 00 70 00 04 01 04 00 00 02 04 00 00 00 01 00 01 00 05 04 F7 6 F0 00 00 77 00 00 70 00 04 01 04 00 00 02 04 00 00 00 01 00 01 00 06 05 F7 7 F0 00 00 77 00 00 70 00 04 01 04 00 00 02 04 00 00 00 01 00 01 00 07 06 F7 Zone 2

# Source

1	$F0\ 00\ 01\ 77\ 00\ 00\ 70\ 00\ 04\ 01\ 04\ 00\ 01\ 02\ 04\ 00\ 00\ 00\ 01\ 00\ 01\ 00\ 01\ 00\ 01\ F7$	
2	$F0\ 00\ 01\ 77\ 00\ 00\ 70\ 00\ 04\ 01\ 04\ 00\ 01\ 02\ 04\ 00\ 00\ 00\ 01\ 00\ 01\ 00\ 01\ 00\ 10$	
3	$F0\ 00\ 01\ 77\ 00\ 00\ 70\ 00\ 04\ 01\ 04\ 00\ 01\ 02\ 04\ 00\ 00\ 00\ 01\ 00\ 01\ 00\ 01\ 00\ 02\ 03\ F7$	
4	$F0\ 00\ 01\ 77\ 00\ 00\ 70\ 00\ 04\ 01\ 04\ 00\ 01\ 02\ 04\ 00\ 00\ 00\ 01\ 00\ 01\ 00\ 03\ 04\ F7$	
5	$F0\ 00\ 01\ 77\ 00\ 00\ 70\ 00\ 04\ 01\ 04\ 00\ 01\ 02\ 04\ 00\ 00\ 00\ 01\ 00\ 01\ 00\ 04\ 05\ F7$	
6	$F0\ 00\ 01\ 77\ 00\ 00\ 70\ 00\ 04\ 01\ 04\ 00\ 01\ 02\ 04\ 00\ 00\ 00\ 01\ 00\ 01\ 00\ 05\ 06\ F7$	
7	$F0\ 00\ 01\ 77\ 00\ 00\ 70\ 00\ 04\ 01\ 04\ 00\ 01\ 02\ 04\ 00\ 00\ 00\ 01\ 00\ 01\ 00\ 06\ 07\ F7$	
8	F0 00 01 77 00 00 70 00 04 01 04 00 01 02 04 00 00 00 01 00 01 00 07 08 F7	

# Zone 3 Source

#### F0 00 02 77 00 00 70 00 04 01 04 00 02 02 04 00 00 00 01 00 01 00 00 03 F7 2 F0 00 02 77 00 00 70 00 04 01 04 00 02 02 04 00 00 00 01 00 01 00 01 04 F7 3 F0 00 02 77 00 00 70 00 04 01 04 00 02 02 04 00 00 00 01 00 01 00 02 05 F7 F0 00 02 77 00 00 70 00 04 01 04 00 02 02 04 00 00 00 01 00 01 00 03 06 F7 5 F0 00 02 77 00 00 70 00 04 01 04 00 02 02 04 00 00 00 01 00 01 00 04 07 F7 6 F0 00 02 77 00 00 70 00 04 01 04 00 02 02 04 00 00 00 01 00 01 00 05 08 F7 F0 00 02 77 00 00 70 00 04 01 04 00 02 02 04 00 00 00 01 00 01 00 06 09 F7 F0 00 02 77 00 00 70 00 04 01 04 00 02 02 04 00 00 00 01 00 01 00 07 0A F7

# Zone 4

# Source

- 1 F0 00 03 77 00 00 70 00 04 01 04 00 03 02 04 00 00 01 00 01 00 00 05 F7
- 2 F0 00 03 77 00 00 70 00 04 01 04 00 03 02 04 00 00 00 01 00 01 00 01 06 F7
- 3 F0 00 03 77 00 00 70 00 04 01 04 00 03 02 04 00 00 00 01 00 01 00 02 07 F7
- 4 F0 00 03 77 00 00 70 00 04 01 04 00 03 02 04 00 00 00 01 00 01 00 03 08 F7 F0 00 03 77 00 00 70 00 04 01 04 00 03 02 04 00 00 00 01 00 01 00 04 09 F7
- 6 F0 00 03 77 00 00 70 00 04 01 04 00 03 02 04 00 00 01 00 01 00 05 0A F7
- 6 F0 00 03 77 00 00 70 00 04 01 04 00 03 02 04 00 00 01 00 01 00 03 0A F7
- 7 F0 00 03 77 00 00 70 00 04 01 04 00 03 02 04 00 00 00 01 00 01 00 06 0B F7
- 8 F0 00 03 77 00 00 70 00 04 01 04 00 03 02 04 00 00 00 01 00 01 00 07 0C F7

# Zone 5

# Source

- 1 F0 00 04 77 00 00 70 00 04 01 04 00 04 02 04 00 00 00 01 00 01 00 00 07 F7
- 2 F0 00 04 77 00 00 70 00 04 01 04 00 04 02 04 00 00 00 01 00 01 00 01 08 F7
- 3 F0 00 04 77 00 00 70 00 04 01 04 00 04 02 04 00 00 00 01 00 01 00 02 09 F7
- 4 F0 00 04 77 00 00 70 00 04 01 04 00 04 02 04 00 00 00 01 00 01 00 03 0A F7
- 5 F0 00 04 77 00 00 70 00 04 01 04 00 04 02 04 00 00 00 01 00 01 00 04 0B F7
- 6 F0 00 04 77 00 00 70 00 04 01 04 00 04 02 04 00 00 00 01 00 01 00 05 0C F7
- 7 F0 00 04 77 00 00 70 00 04 01 04 00 04 02 04 00 00 00 01 00 01 00 06 0D F7
- 8 F0 00 04 77 00 00 70 00 04 01 04 00 04 02 04 00 00 00 01 00 01 00 07 0E F7

## Zone 6

# Source

- 1 F0 00 05 77 00 00 70 00 04 01 04 00 05 02 04 00 00 00 01 00 01 00 00 09 F7
- 2 F0 00 05 77 00 00 70 00 04 01 04 00 05 02 04 00 00 00 01 00 01 00 01 0A F7
- 3 F0 00 05 77 00 00 70 00 04 01 04 00 05 02 04 00 00 00 01 00 01 00 02 0B F7
- 4 F0 00 05 77 00 00 70 00 04 01 04 00 05 02 04 00 00 00 01 00 01 00 03 0C F7
- 5 F0 00 05 77 00 00 70 00 04 01 04 00 05 02 04 00 00 00 01 00 01 00 04 0D F7
- 6 F0 00 05 77 00 00 70 00 04 01 04 00 05 02 04 00 00 00 01 00 01 00 05 0E F7
- 7 F0 00 05 77 00 00 70 00 04 01 04 00 05 02 04 00 00 00 01 00 01 00 06 0F F7
- 8 F0 00 05 77 00 00 70 00 04 01 04 00 05 02 04 00 00 00 01 00 01 00 07 10 F7

# Zone 7

- 1 F0 00 06 77 00 00 70 00 04 01 04 00 06 02 04 00 00 00 01 00 01 00 00 0B F7
- 2 F0 00 06 77 00 00 70 00 04 01 04 00 06 02 04 00 00 00 01 00 01 00 01 0C F7
- 3 F0 00 06 77 00 00 70 00 04 01 04 00 06 02 04 00 00 00 01 00 01 00 02 0D F7
- 4 F0 00 06 77 00 00 70 00 04 01 04 00 06 02 04 00 00 00 01 00 01 00 03 0E F7
- 5 F0 00 06 77 00 00 70 00 04 01 04 00 06 02 04 00 00 00 01 00 01 00 04 0F F7
- 6 F0 00 06 77 00 00 70 00 04 01 04 00 06 02 04 00 00 00 01 00 01 00 05 10 F7
- 7 F0 00 06 77 00 00 70 00 04 01 04 00 06 02 04 00 00 00 01 00 01 00 06 11 F7
- 8 F0 00 06 77 00 00 70 00 04 01 04 00 06 02 04 00 00 00 01 00 01 00 07 12 F7

#### Zone 8 Source 1 F0 00 07 77 00 00 70 00 04 01 04 00 07 02 04 00 00 00 01 00 01 00 00 0D F7 2 F0 00 07 77 00 00 70 00 04 01 04 00 07 02 04 00 00 00 01 00 01 00 01 0E F7 3 F0 00 07 77 00 00 70 00 04 01 04 00 07 02 04 00 00 00 01 00 01 00 02 0F F7 4 F0 00 07 77 00 00 70 00 04 01 04 00 07 02 04 00 00 00 01 00 01 00 03 10 F7 5 F0 00 07 77 00 00 70 00 04 01 04 00 07 02 04 00 00 00 01 00 01 00 04 11 F7 6 F0 00 07 77 00 00 70 00 04 01 04 00 07 02 04 00 00 00 01 00 01 00 05 12 F7 7 F0 00 07 77 00 00 70 00 04 01 04 00 07 02 04 00 00 00 01 00 01 00 06 13 F7 F0 00 07 77 00 00 70 00 04 01 04 00 07 02 04 00 00 00 01 00 01 00 07 14 F7

# RUSSOUND VM1 Controller 2 RS-232 HEX CODE LISTING FOR VM1 that has been set as controller 2 via the VM1 Configuration Tool

#### VM1 Zone 1 Source F0 01 00 77 00 00 70 00 04 01 04 00 00 02 04 00 00 00 01 00 01 00 00 00 F7 1 2 F0 01 00 77 00 00 70 00 04 01 04 00 00 02 04 00 00 00 01 00 01 00 01 01 F7 3 F0 01 00 77 00 00 70 00 04 01 04 00 00 02 04 00 00 00 01 00 01 00 02 02 F7 4 F0 01 00 77 00 00 70 00 04 01 04 00 00 02 04 00 00 00 01 00 01 00 03 03 F7 5 F0 01 00 77 00 00 70 00 04 01 04 00 00 02 04 00 00 00 01 00 01 00 04 04 F7 F0 01 00 77 00 00 70 00 04 01 04 00 00 02 04 00 00 00 01 00 01 00 05 05 F7 7 F0 01 00 77 00 00 70 00 04 01 04 00 00 02 04 00 00 00 01 00 01 00 06 06 F7 8 F0 01 00 77 00 00 70 00 04 01 04 00 00 02 04 00 00 00 01 00 01 00 07 07 F7

# VM1 Zone 2

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1	F0 01 01 77 00 00 70 00 04 01 04 00 01 02 04 00 00 00 01 00 01 00 00 02 F7
2	F0 01 01 77 00 00 70 00 04 01 04 00 01 02 04 00 00 00 01 00 01 00 01 03 F7
3	F0 01 01 77 00 00 70 00 04 01 04 00 01 02 04 00 00 00 01 00 01 00 02 04 F7
4	F0 01 01 77 00 00 70 00 04 01 04 00 01 02 04 00 00 00 01 00 01 00 03 05 F7
5	F0 01 01 77 00 00 70 00 04 01 04 00 01 02 04 00 00 00 01 00 01 00 04 06 F7
6	F0 01 01 77 00 00 70 00 04 01 04 00 01 02 04 00 00 00 01 00 01 00 05 07 F7
7	F0 01 01 77 00 00 70 00 04 01 04 00 01 02 04 00 00 00 01 00 01 00 06 08 F7
8	F0 01 01 77 00 00 70 00 04 01 04 00 01 02 04 00 00 00 01 00 01 00 07 09 F7

### Source

- 1 F0 01 02 77 00 00 70 00 04 01 04 00 02 02 04 00 00 00 01 00 01 00 00 04 F7
- 2 F0 01 02 77 00 00 70 00 04 01 04 00 02 02 04 00 00 00 01 00 01 00 01 05 F7
- 3 F0 01 02 77 00 00 70 00 04 01 04 00 02 02 04 00 00 00 01 00 01 00 02 06 F7
- 4 F0 01 02 77 00 00 70 00 04 01 04 00 02 02 04 00 00 00 01 00 01 00 03 07 F7
- 5 F0 01 02 77 00 00 70 00 04 01 04 00 02 02 04 00 00 00 01 00 01 00 04 08 F7
- 6 F0 01 02 77 00 00 70 00 04 01 04 00 02 02 04 00 00 00 01 00 01 00 05 09 F7
- 7 F0 01 02 77 00 00 70 00 04 01 04 00 02 02 04 00 00 00 01 00 01 00 06 0A F7
- 8 F0 01 02 77 00 00 70 00 04 01 04 00 02 02 04 00 00 00 01 00 01 00 07 0B F7

## VM1 Zone 4

## Source

- 1 F0 01 03 77 00 00 70 00 04 01 04 00 03 02 04 00 00 00 01 00 01 00 00 06 F7
- 2 F0 01 03 77 00 00 70 00 04 01 04 00 03 02 04 00 00 00 01 00 01 00 01 07 F7
- 3 F0 01 03 77 00 00 70 00 04 01 04 00 03 02 04 00 00 00 01 00 01 00 02 08 F7
- 4 F0 01 03 77 00 00 70 00 04 01 04 00 03 02 04 00 00 00 01 00 01 00 03 09 F7
- 5 F0 01 03 77 00 00 70 00 04 01 04 00 03 02 04 00 00 00 01 00 01 00 04 0A F7
- 6 F0 01 03 77 00 00 70 00 04 01 04 00 03 02 04 00 00 00 01 00 01 00 05 0B F7
- 7 F0 01 03 77 00 00 70 00 04 01 04 00 03 02 04 00 00 00 01 00 01 00 06 0C F7
- 8 F0 01 03 77 00 00 70 00 04 01 04 00 03 02 04 00 00 00 01 00 01 00 07 0D F7

## VM1 Zone 5

#### Source

- F0 01 04 77 00 00 70 00 04 01 04 00 04 02 04 00 00 00 01 00 01 00 00 08 F7
- 2 F0 01 04 77 00 00 70 00 04 01 04 00 04 02 04 00 00 00 01 00 01 00 01 09 F7
- 3 F0 01 04 77 00 00 70 00 04 01 04 00 04 02 04 00 00 00 01 00 01 00 02 0A F7
- 4 F0 01 04 77 00 00 70 00 04 01 04 00 04 02 04 00 00 00 01 00 01 00 03 0B F7
- 5 F0 01 04 77 00 00 70 00 04 01 04 00 04 02 04 00 00 00 01 00 01 00 04 0C F7
- 6 F0 01 04 77 00 00 70 00 04 01 04 00 04 02 04 00 00 00 01 00 01 00 05 0D F7
- 7 F0 01 04 77 00 00 70 00 04 01 04 00 04 02 04 00 00 00 01 00 01 00 06 0E F7
- 8 F0 01 04 77 00 00 70 00 04 01 04 00 04 02 04 00 00 00 01 00 01 00 07 0F F7

## VM1 Zone 6

- 1 F0 01 05 77 00 00 70 00 04 01 04 00 05 02 04 00 00 00 01 00 01 00 00 0A F7
- 2 F0 01 05 77 00 00 70 00 04 01 04 00 05 02 04 00 00 00 01 00 01 00 01 0B F7
- 3 F0 01 05 77 00 00 70 00 04 01 04 00 05 02 04 00 00 00 01 00 01 00 02 0C F7
- 4 F0 01 05 77 00 00 70 00 04 01 04 00 05 02 04 00 00 00 01 00 01 00 03 0D F7
- 5 F0 01 05 77 00 00 70 00 04 01 04 00 05 02 04 00 00 00 01 00 01 00 04 0E F7
- 6 F0 01 05 77 00 00 70 00 04 01 04 00 05 02 04 00 00 00 01 00 01 00 05 0F F7
- 7 F0 01 05 77 00 00 70 00 04 01 04 00 05 02 04 00 00 00 01 00 01 00 06 10 F7
- 8 F0 01 05 77 00 00 70 00 04 01 04 00 05 02 04 00 00 00 01 00 01 00 07 11 F7

## Source

- F0 01 06 77 00 00 70 00 04 01 04 00 06 02 04 00 00 00 01 00 01 00 00 0C F7 1 2 F0 01 06 77 00 00 70 00 04 01 04 00 06 02 04 00 00 00 01 00 01 00 01 0D F7
- 3 F0 01 06 77 00 00 70 00 04 01 04 00 06 02 04 00 00 00 01 00 01 00 02 0E F7
- 4 F0 01 06 77 00 00 70 00 04 01 04 00 06 02 04 00 00 00 01 00 01 00 03 0F F7 5 F0 01 06 77 00 00 70 00 04 01 04 00 06 02 04 00 00 00 01 00 01 00 04 10 F7
- 6 F0 01 06 77 00 00 70 00 04 01 04 00 06 02 04 00 00 00 01 00 01 00 05 11 F7
- 7 F0 01 06 77 00 00 70 00 04 01 04 00 06 02 04 00 00 00 01 00 01 00 06 12 F7
- 8 F0 01 06 77 00 00 70 00 04 01 04 00 06 02 04 00 00 00 01 00 01 00 07 13 F7
- VM1 Zone 8

## Source

- F0 01 07 77 00 00 70 00 04 01 04 00 07 02 04 00 00 00 01 00 01 00 00 0E F7 1
- 2 F0 01 07 77 00 00 70 00 04 01 04 00 07 02 04 00 00 00 01 00 01 00 01 0F F7
- 3 F0 01 07 77 00 00 70 00 04 01 04 00 07 02 04 00 00 00 01 00 01 00 02 10 F7
- 4 F0 01 07 77 00 00 70 00 04 01 04 00 07 02 04 00 00 00 01 00 01 00 03 11 F7
- 5 F0 01 07 77 00 00 70 00 04 01 04 00 07 02 04 00 00 00 01 00 01 00 04 12 F7
- 6 F0 01 07 77 00 00 70 00 04 01 04 00 07 02 04 00 00 00 01 00 01 00 05 13 F7
- F0 01 07 77 00 00 70 00 04 01 04 00 07 02 04 00 00 00 01 00 01 00 06 14 F7
- F0 01 07 77 00 00 70 00 04 01 04 00 07 02 04 00 00 00 01 00 01 00 07 15 F7

# **RUSSOUND VM1 Controller 3 RS-232 HEX CODE LISTING** FOR VM1 that has been set as controller 3 via the VM1 Configuration Tool

## VM1 Zone 1

## Source

- F0 02 00 77 00 00 70 00 04 01 04 00 00 02 04 00 00 00 01 00 01 00 00 01 F7 1
- 2 F0 02 00 77 00 00 70 00 04 01 04 00 00 02 04 00 00 00 01 00 01 00 01 02 F7
- 3 F0 02 00 77 00 00 70 00 04 01 04 00 00 02 04 00 00 00 01 00 01 00 02 03 F7
- 4 F0 02 00 77 00 00 70 00 04 01 04 00 00 02 04 00 00 00 01 00 01 00 03 04 F7
- 5 F0 02 00 77 00 00 70 00 04 01 04 00 00 02 04 00 00 00 01 00 01 00 04 05 F7
- F0 02 00 77 00 00 70 00 04 01 04 00 00 02 04 00 00 00 01 00 01 00 05 06 F7
- 7 F0 02 00 77 00 00 70 00 04 01 04 00 00 02 04 00 00 00 01 00 01 00 06 07 F7
- 8 F0 02 00 77 00 00 70 00 04 01 04 00 00 02 04 00 00 00 01 00 01 00 07 08 F7

## VM1 Zone 2

- F0 02 01 77 00 00 70 00 04 01 04 00 01 02 04 00 00 00 01 00 01 00 00 03 F7 1
- 2 F0 02 01 77 00 00 70 00 04 01 04 00 01 02 04 00 00 00 01 00 01 00 01 04 F7
- 3 F0 02 01 77 00 00 70 00 04 01 04 00 01 02 04 00 00 00 01 00 01 00 02 05 F7
- 4 F0 02 01 77 00 00 70 00 04 01 04 00 01 02 04 00 00 00 01 00 01 00 03 06 F7
- 5 F0 02 01 77 00 00 70 00 04 01 04 00 01 02 04 00 00 00 01 00 01 00 04 07 F7
- 6 F0 02 01 77 00 00 70 00 04 01 04 00 01 02 04 00 00 00 01 00 01 00 05 08 F7 F0 02 01 77 00 00 70 00 04 01 04 00 01 02 04 00 00 00 01 00 01 00 06 09 F7
- 7
- F0 02 01 77 00 00 70 00 04 01 04 00 01 02 04 00 00 00 01 00 01 00 07 0A F7

## Source

- 1 F0 02 02 77 00 00 70 00 04 01 04 00 02 02 04 00 00 00 01 00 01 00 00 05 F7 2 F0 02 02 77 00 00 70 00 04 01 04 00 02 02 04 00 00 00 01 00 01 00 01 06 F7
- 3 F0 02 02 77 00 00 70 00 04 01 04 00 02 02 04 00 00 00 01 00 01 00 02 07 F7
- 4 F0 02 02 77 00 00 70 00 04 01 04 00 02 02 04 00 00 00 01 00 01 00 03 08 F7
- 5 F0 02 02 77 00 00 70 00 04 01 04 00 02 02 04 00 00 00 01 00 01 00 04 09 F7
- 6 F0 02 02 77 00 00 70 00 04 01 04 00 02 02 04 00 00 00 01 00 01 00 05 0A F7
- 7 F0 02 02 77 00 00 70 00 04 01 04 00 02 02 04 00 00 00 01 00 01 00 06 0B F7
- 8 F0 02 02 77 00 00 70 00 04 01 04 00 02 02 04 00 00 00 01 00 01 00 07 0C F7

## VM1 Zone 4

## Source

- 1 F0 02 03 77 00 00 70 00 04 01 04 00 03 02 04 00 00 00 01 00 01 00 00 07 F7
- 2 F0 02 03 77 00 00 70 00 04 01 04 00 03 02 04 00 00 00 01 00 01 00 01 08F7
- 3 F0 02 03 77 00 00 70 00 04 01 04 00 03 02 04 00 00 00 01 00 01 00 02 09 F7
- 4 F0 02 03 77 00 00 70 00 04 01 04 00 03 02 04 00 00 00 01 00 01 00 03 0A F7
- 5 F0 02 03 77 00 00 70 00 04 01 04 00 03 02 04 00 00 00 01 00 01 00 04 0B F7
- 6 F0 02 03 77 00 00 70 00 04 01 04 00 03 02 04 00 00 00 01 00 01 00 05 0C F7
- 7 F0 02 03 77 00 00 70 00 04 01 04 00 03 02 04 00 00 00 01 00 01 00 06 0D F7
- 8 F0 02 03 77 00 00 70 00 04 01 04 00 03 02 04 00 00 00 01 00 01 00 07 0E F7

## VM1 Zone 5

#### Source

- 1 F0 02 04 77 00 00 70 00 04 01 04 00 04 02 04 00 00 00 01 00 01 00 00 09 F7
- 2 F0 02 04 77 00 00 70 00 04 01 04 00 04 02 04 00 00 00 01 00 01 00 01 0A F7
- 3 F0 02 04 77 00 00 70 00 04 01 04 00 04 02 04 00 00 00 01 00 01 00 02 0B F7
- 4 F0 02 04 77 00 00 70 00 04 01 04 00 04 02 04 00 00 00 01 00 01 00 03 0C F7
- 5 F0 02 04 77 00 00 70 00 04 01 04 00 04 02 04 00 00 00 01 00 01 00 04 0D F7
- 6 F0 02 04 77 00 00 70 00 04 01 04 00 04 02 04 00 00 00 01 00 01 00 05 0E F7
- 7 F0 02 04 77 00 00 70 00 04 01 04 00 04 02 04 00 00 00 01 00 01 00 06 0F F7
- 8 F0 02 04 77 00 00 70 00 04 01 04 00 04 02 04 00 00 00 01 00 01 00 07 10 F7

## VM1 Zone 6

- 1 F0 02 05 77 00 00 70 00 04 01 04 00 05 02 04 00 00 00 01 00 01 00 00 0B F7
- 2 F0 02 05 77 00 00 70 00 04 01 04 00 05 02 04 00 00 00 01 00 01 00 01 0C F7
- 3 F0 02 05 77 00 00 70 00 04 01 04 00 05 02 04 00 00 00 01 00 01 00 02 0D F7
- 4 F0 02 05 77 00 00 70 00 04 01 04 00 05 02 04 00 00 00 01 00 01 00 03 0E F7
- 5 F0 02 05 77 00 00 70 00 04 01 04 00 05 02 04 00 00 00 01 00 01 00 04 0F F7
- 6 F0 02 05 77 00 00 70 00 04 01 04 00 05 02 04 00 00 00 01 00 01 00 05 10 F7
- 7 F0 02 05 77 00 00 70 00 04 01 04 00 05 02 04 00 00 00 01 00 01 00 06 11 F7
- 8 F0 02 05 77 00 00 70 00 04 01 04 00 05 02 04 00 00 00 01 00 01 00 07 12 F7

# Source

1	F0 02 06 77 00 00 70 00 04 01 04 00 06 02 04 00 00 00 01 00 01 00 00 0D F7
2	F0 02 06 77 00 00 70 00 04 01 04 00 06 02 04 00 00 00 01 00 01 00 01 0E F7
3	F0 02 06 77 00 00 70 00 04 01 04 00 06 02 04 00 00 00 01 00 01 00 02 0F F7
4	F0 02 06 77 00 00 70 00 04 01 04 00 06 02 04 00 00 00 01 00 01 00 03 10 F7
5	F0 02 06 77 00 00 70 00 04 01 04 00 06 02 04 00 00 00 01 00 01 00 04 11 F7
6	F0 02 06 77 00 00 70 00 04 01 04 00 06 02 04 00 00 00 01 00 01 00 05 12 F7
7	F0 02 06 77 00 00 70 00 04 01 04 00 06 02 04 00 00 00 01 00 01 00 06 13 F7
8	F0 02 06 77 00 00 70 00 04 01 04 00 06 02 04 00 00 00 01 00 01 00 07 14 F7

# VM1 Zone 8

1	F0 02 07 77 00 00 70 00 04 01 04 00 07 02 04 00 00 00 01 00 01 00 00 0F F7
2	F0 02 07 77 00 00 70 00 04 01 04 00 07 02 04 00 00 00 01 00 01 00 01 10 F7
3	F0 02 07 77 00 00 70 00 04 01 04 00 07 02 04 00 00 00 01 00 01 00 02 11 F7
4	F0 02 07 77 00 00 70 00 04 01 04 00 07 02 04 00 00 00 01 00 01 00 03 12 F7
5	F0 02 07 77 00 00 70 00 04 01 04 00 07 02 04 00 00 00 01 00 01 00 04 13 F7
6	F0 02 07 77 00 00 70 00 04 01 04 00 07 02 04 00 00 00 01 00 01 00 05 14 F7
7	F0 02 07 77 00 00 70 00 04 01 04 00 07 02 04 00 00 00 01 00 01 00 06 15 F7
8	F0 02 07 77 00 00 70 00 04 01 04 00 07 02 04 00 00 00 01 00 01 00 07 16 F7