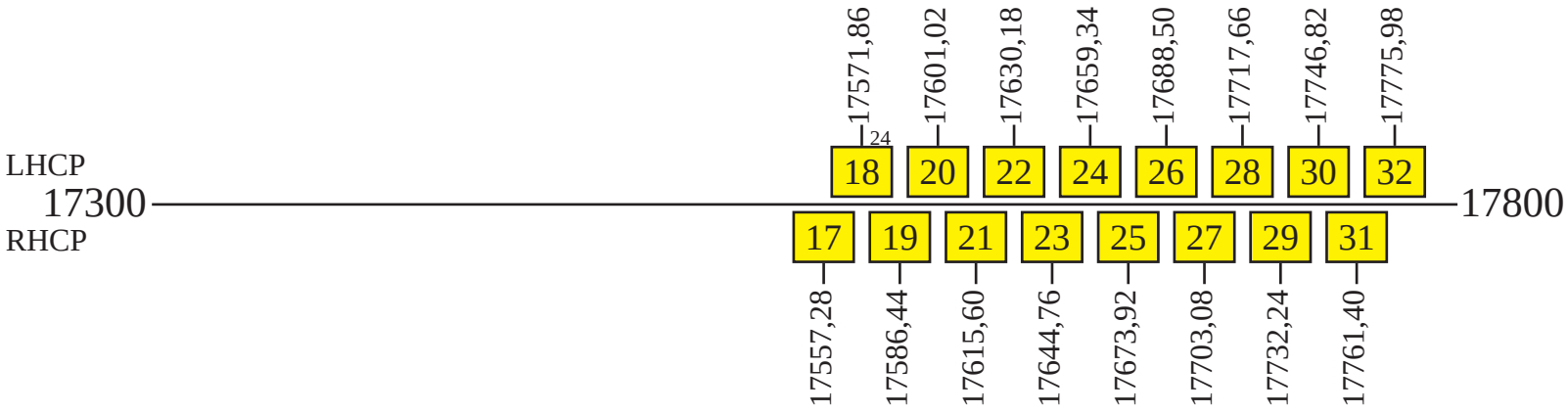
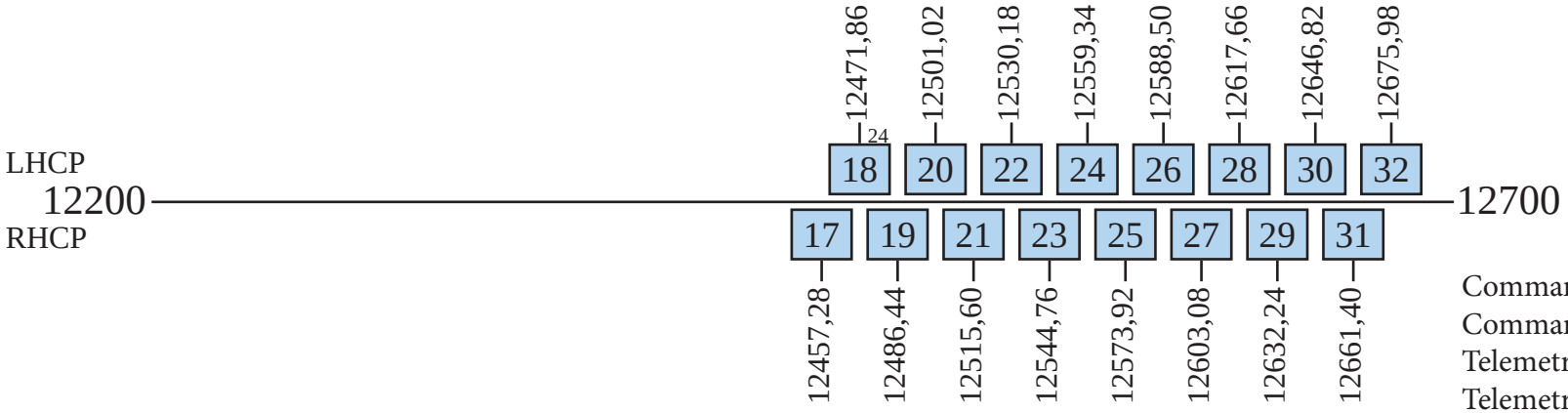
Ciel-2

Frequency Plan

Uplink Beam R01 or R02

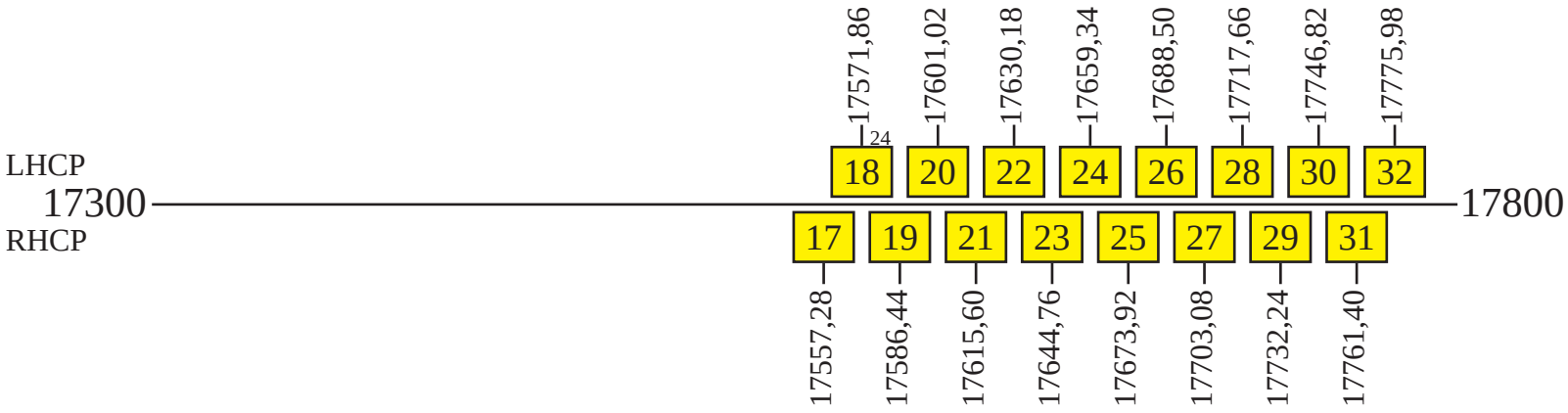


Downlink Beam CAN4(Canada) or CAN7(Conus)

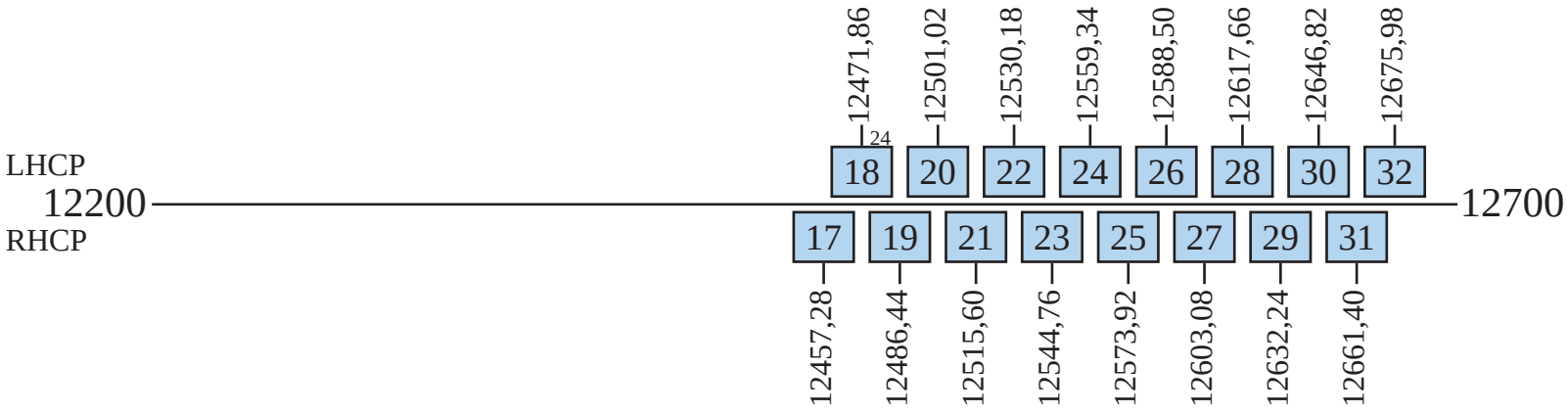


Command 1: 17308,00 L or R
Command 2: 17793,50 L or R
Telemetry 1: 12205,00 R or L
Telemetry 2: 12209,00 R or L
Telemetry 3: 12692,50 R or L
Telemetry 4: 12698,50 R or L

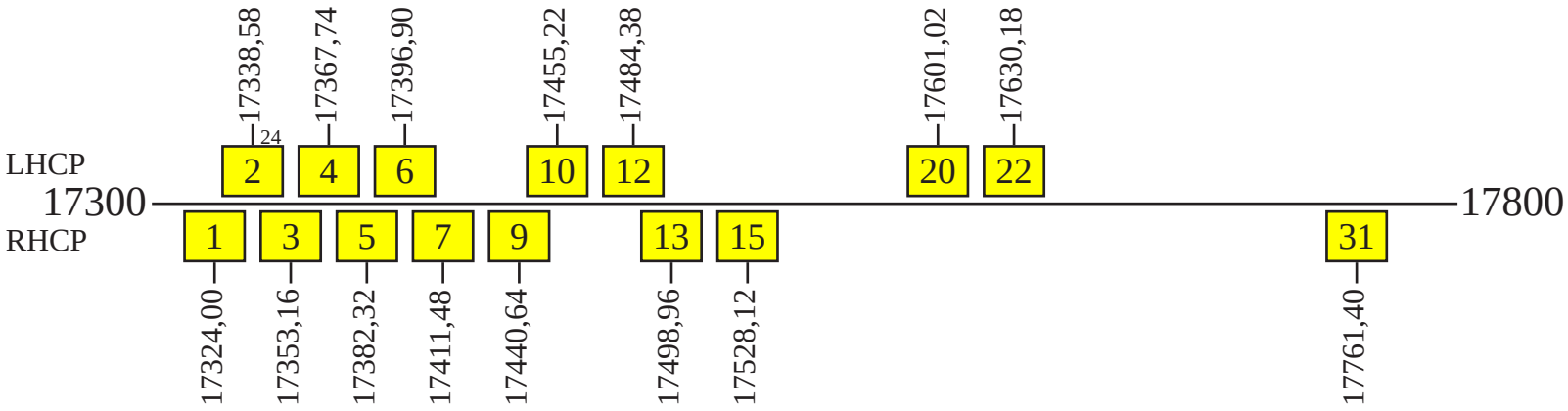
Uplink Beam R08 or R09 or R10



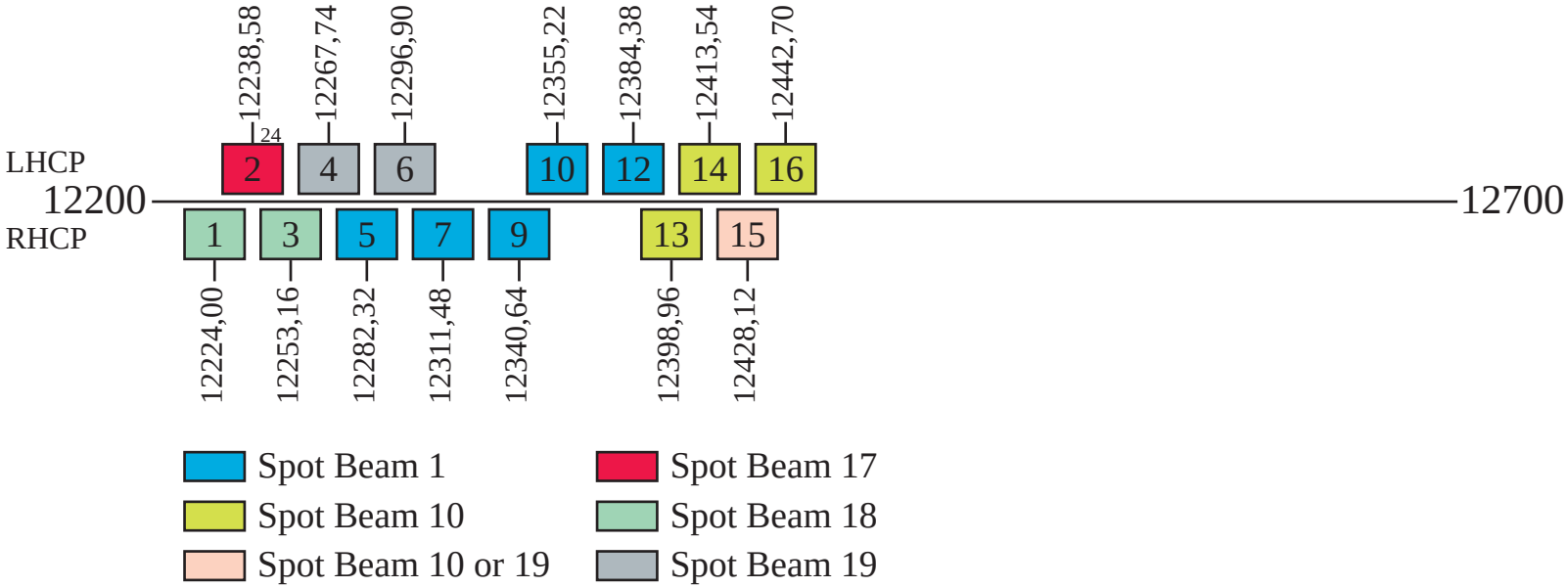
Downlink Beam CAN4(Canada)



Uplink Beam 1 (Cheyenne)

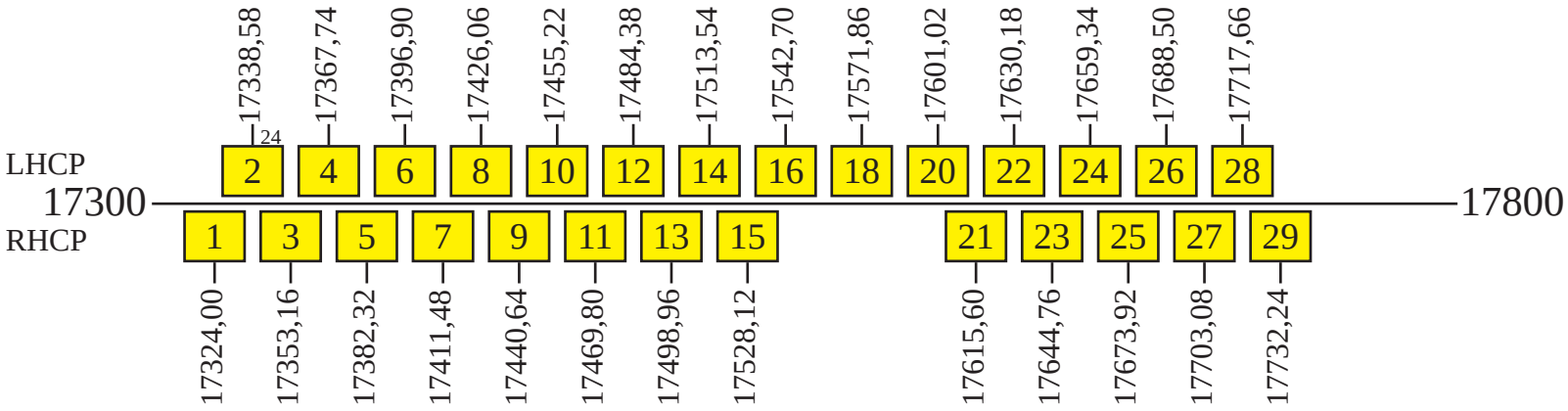


Downlink Spot Beam 1,10,17,18 and 19

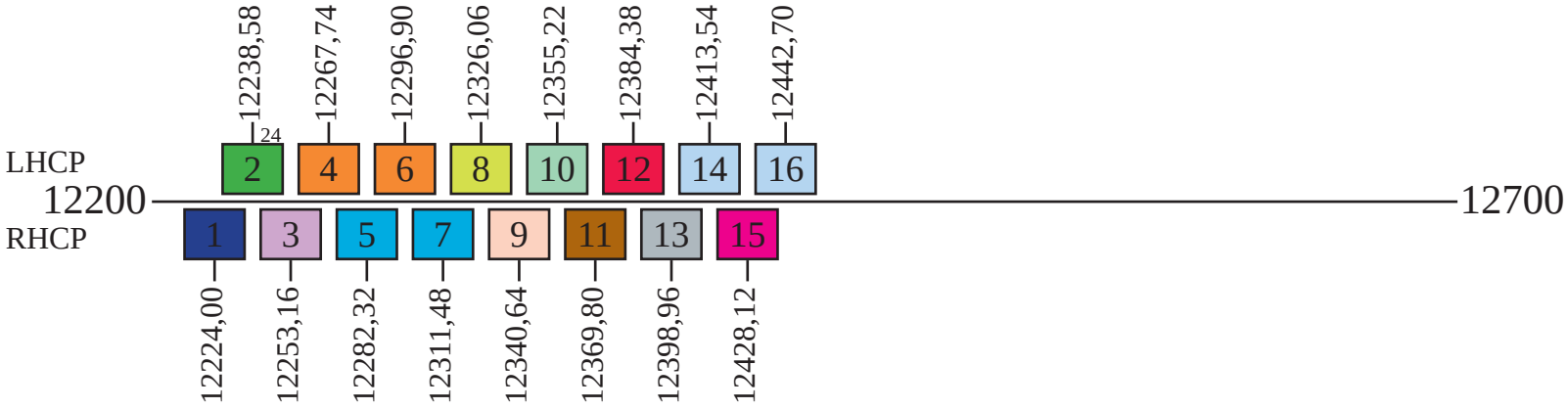


Note: The Tx20 is connected to Tx14, Tx22 to Tx16 (Spot-10), Tx31 to Tx15 (Spot-19).

Uplink Beam 6 (Gilbert)



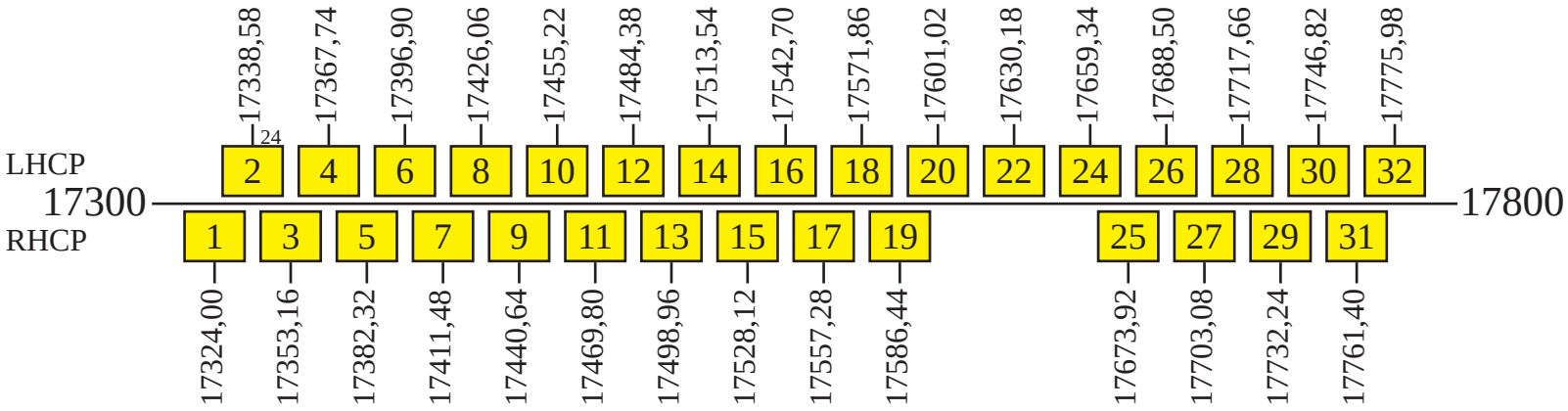
Downlink Spot Beam 4,6,7,8,12,14,21,24,28,33,34,35,45,46 and 55



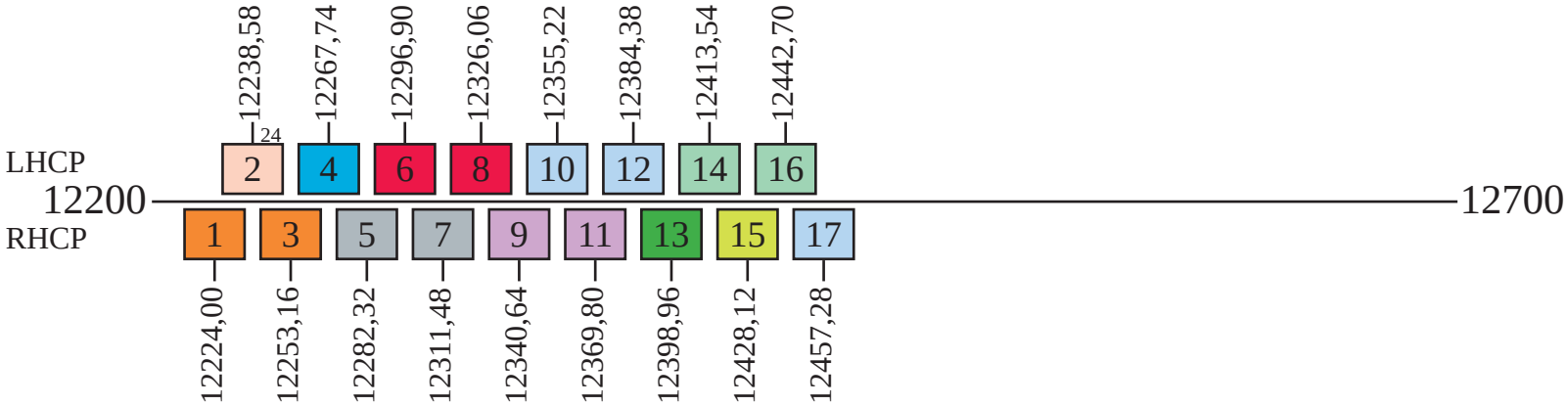
- Spot Beam 4 or 12 or 35
- Spot Beam 4 or 35
- Spot Beam 6 or 14
- Spot Beam 7 or 33
- Spot Beam 8 or 33
- Spot Beam 12 or 24 or 34
- Spot Beam 14
- Spot Beam 14 or 55
- Spot Beam 21
- Spot Beam 21 or 45
- Spot Beam 28 or 55
- Spot Beam 33 or 46
- Spot Beam 33 or 55

Note: The Tx24 is connected to Tx8, Tx26 to Tx10 (Spot-4), Tx29 to Tx13 (Spot-6), Tx21 to Tx5, Tx23 to Tx7 (Spot-12), Tx23 to Tx7 (Spot-24), Tx18 to Tx2 (Spot-28), Tx28 to Tx12, Tx20 to Tx4, Tx22 to Tx06, Tx25 to Tx9, Tx27 to Tx11 (Spot-33).

Uplink Beam 21 (New Braunfels)



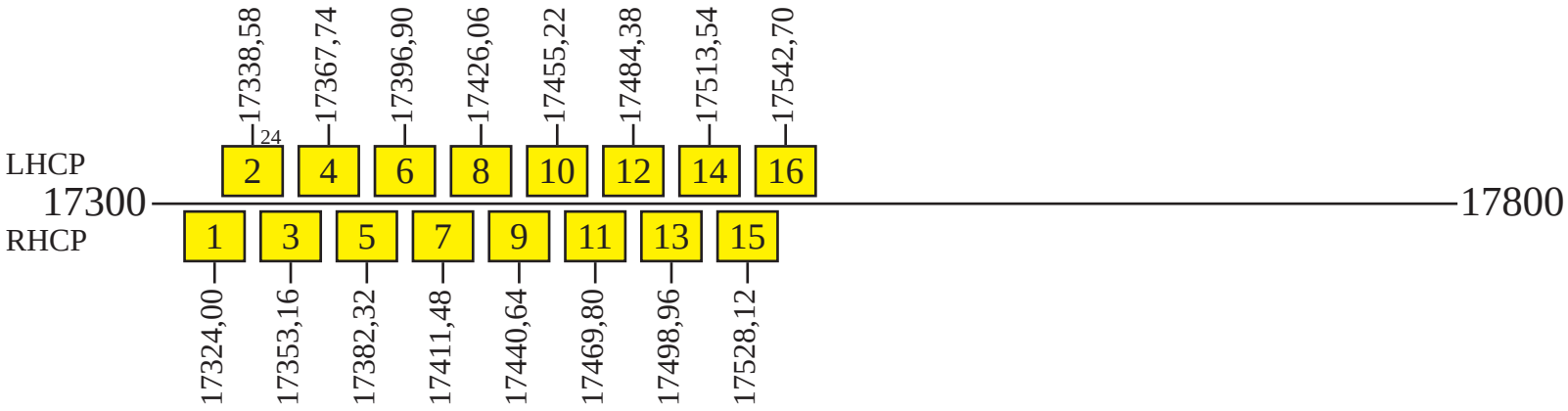
Downlink Spot Beam 25,30,36,38,41,42,47,48,49 and 52



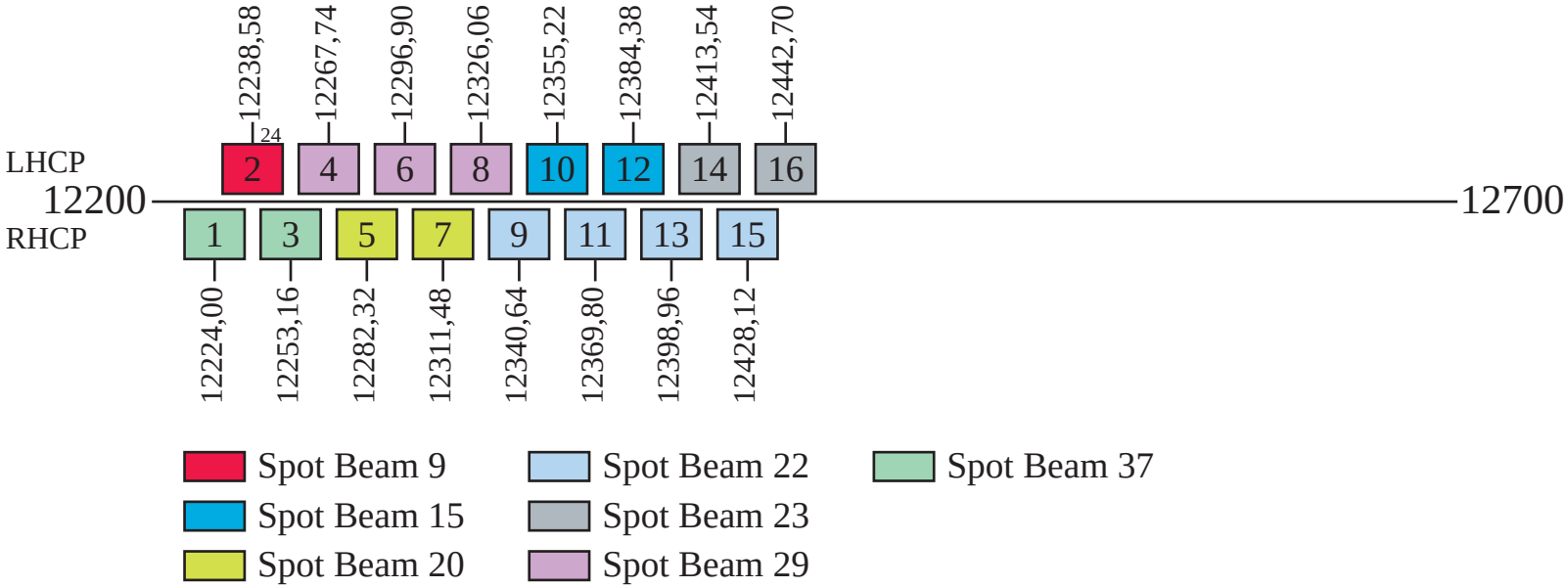
Spot Beam 25 or 41
Spot Beam 25 or 52
Spot Beam 36 or 38 or 52
Spot Beam 41
Spot Beam 25 or 47
Spot Beam 30 or 48
Spot Beam 36 or 42
Spot Beam 25 or 49
Spot Beam 36 or 38
Spot Beam 36 or 52

Note: The Tx28 is connected to Tx12, Tx26 to Tx10 (Spot-30), Tx29 to Tx13, Tx25 to Tx9, Tx27 to Tx11, Tx31 to Tx15, Tx30 to Tx14, Tx32 to Tx16 (Spot-36), Tx18 to Tx2 (Spot-41), Tx17 to Tx1, Tx19 to Tx3 (Spot-47), Tx22 to Tx6, Tx24 to Tx8 (Spot-49), Tx20 to Tx4 (Spot-52).

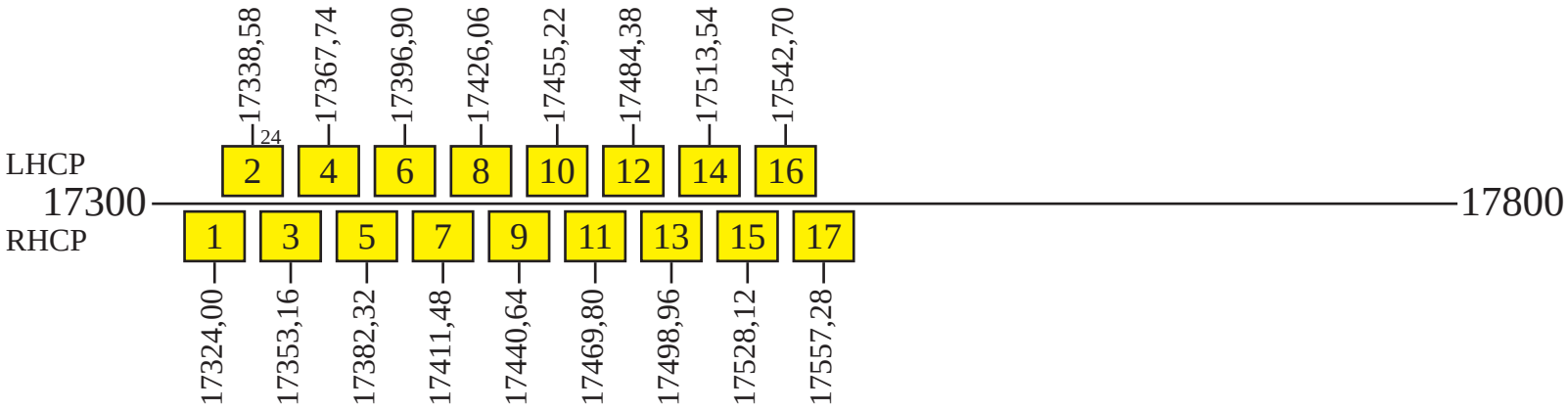
Uplink Beam 31 (Monee)



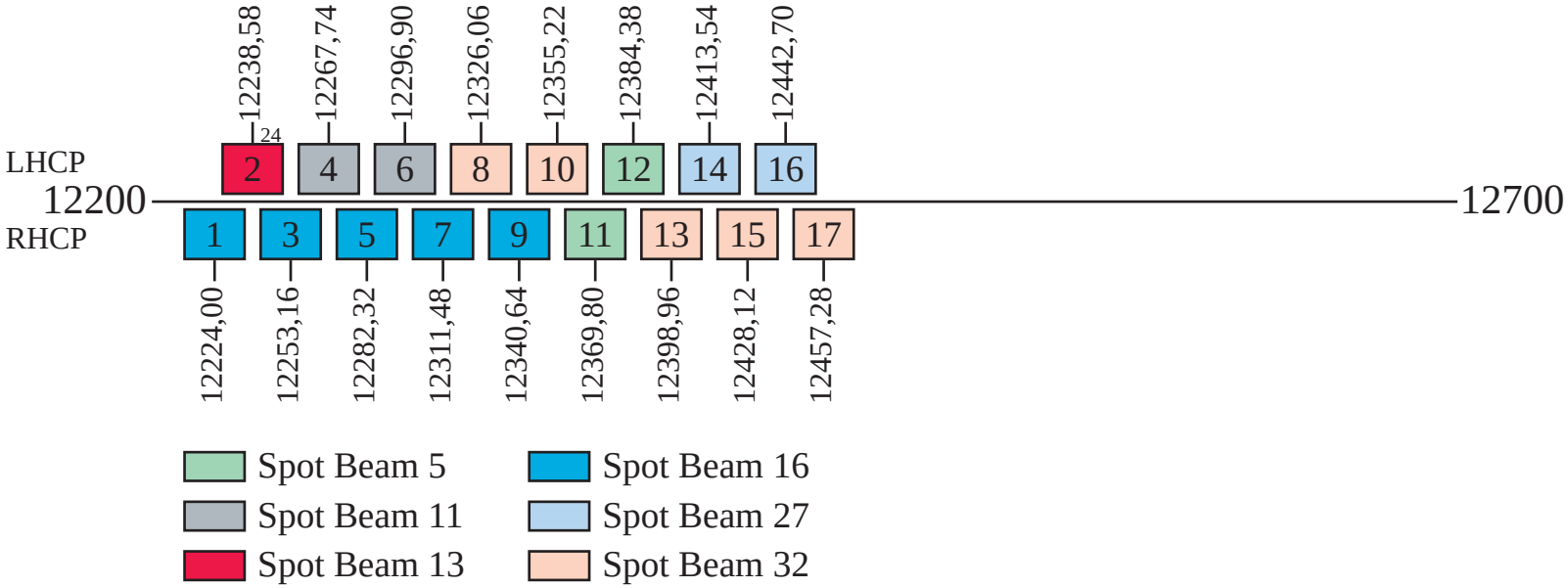
Downlink Spot Beam 9,15,20,22,23,29 and 37



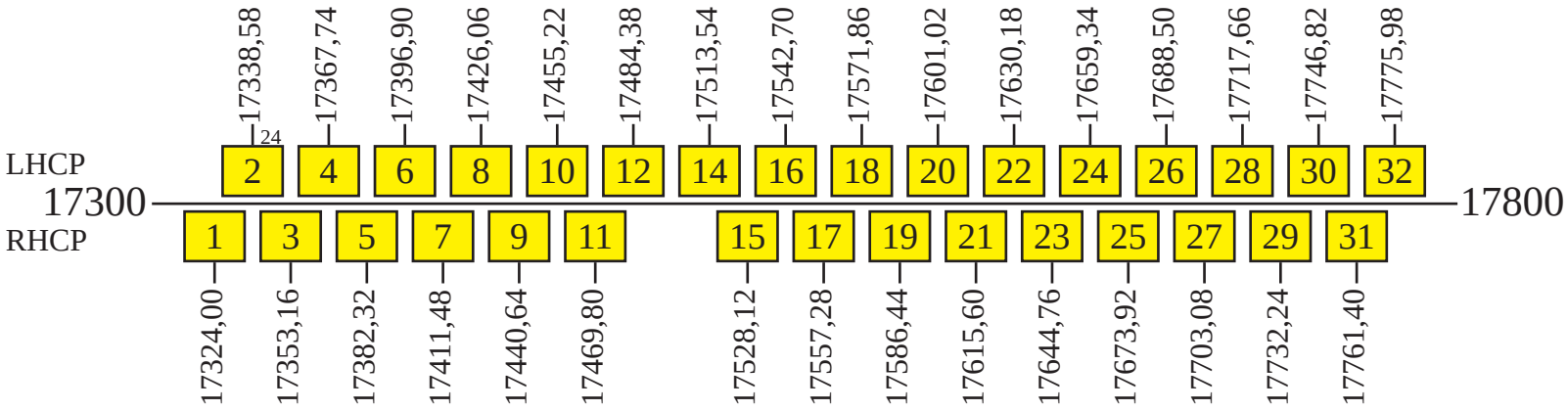
Uplink Beam 38 (Spopcane)



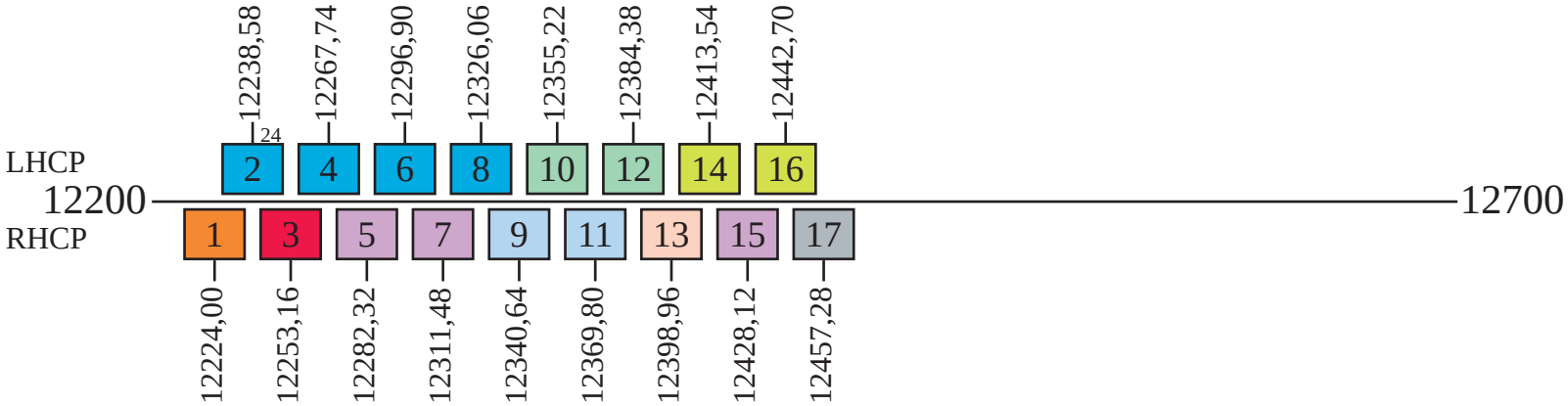
Downlink Spot Beam 5,11,13,16,27 and 32



Uplink Beam 44 (Mt Jackson)



Downlink Spot Beam 26,31,39,40,43,44,50,51,53 and 54



Spot Beam 26 or 50
Spot Beam 39 or 53
Spot Beam 40 or 51
Spot Beam 31 or 44
Spot Beam 40
Spot Beam 43 or 54
Spot Beam 39
Spot Beam 40 or 50
Spot Beam 53

Note: The Tx23is connected to Tx7, Tx21 to Tx5 (Spot-39), Tx30 to Tx14, Tx32 to Tx16 (Spot-40), Tx25 to Tx9, Tx27 to Tx11 (Spot-44), Tx19 to Tx3, Tx26 to Tx10, Tx28 to Tx12 (Spot-50), Tx29 to Tx13, Tx31 to Tx15 (Spot-53), Tx18 to Tx2, Tx20 to Tx4, Tx22 to Tx6, Tx24 to Tx8 (Spot-54).