

OU Flex Operational Information

Platform Migration from
Astra 3B at 23.5°E to Astra 2F at 28.2°E

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OU Flex Migration to 28.2°E

General Information

- OU Flex platform has ceased operations on Astra 3B at 23.5°E.
- From 1 March 2021, OU Flex will be available with enhanced features on Astra 2F at 28.2°E.
- We can now offer an upload performance of up to 50 Mbps.
- The download performance remains unchanged at up to 100 Mbps.
- The new satellite details must be updated manually by the SNG operator in the OU Flex modem.
- The update takes about 15 minutes and is described in this document.
- All other service and performance parameters remain unchanged.
- Online booking tool fully deployed and available.
- Free-of-charge tests are possible after modification by arrangement.

Forward (Outbound) Carrier – The carrier you receive

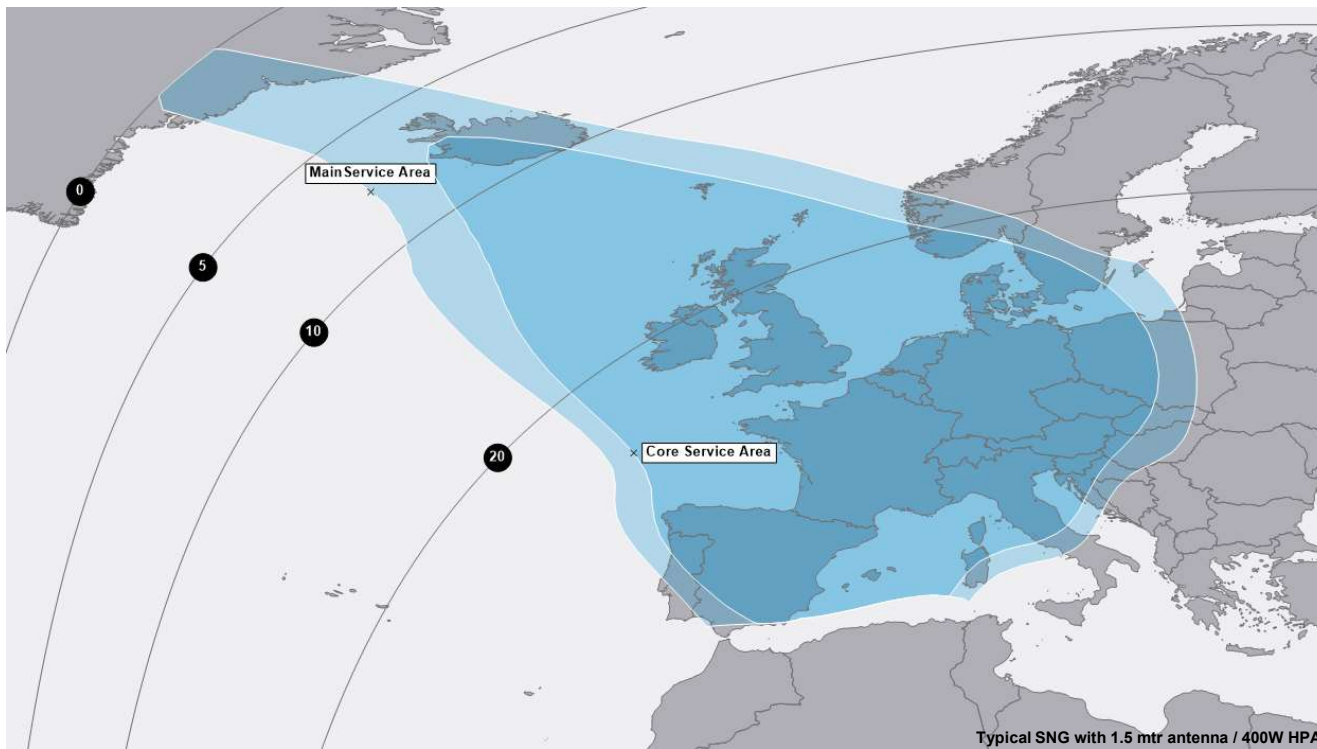
- Astra 2F @ 28.2°E
- Transponder 2.005 (33MHz)
- Downlink center frequency: 11797.5 MHz Horizontal
- DVB-S2 / 30 Mbaud / ACM

Return (Inbound) Carrier – The carrier that you transmit

- Astra 2F @ 28.2°E
- Transponder 2.081 (26 MHz)
- Transponder uplink centre frequency: 14133.25 MHz Vertical
- DVB-S2 / MxDMA

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Service Area Map



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New Modem Settings

The screenshot shows the 'Satellite Interface' configuration page. The left sidebar contains navigation options: Ethernet Interface, Satellite Interface (selected), Antenna Controlling, Outdoor Unit, Multicast, GXT Files, Device Info, Diagnostics, Logging, and Test.

Satellite Properties:

- Configured Beam ID: 1
- Beam ID: 1
- Polarization Skew: 0.001° (circled 1)
- Orbital Position: 28.2° East (circled 1)
- Satellite Latitude Variance: 0.000°
- Max Skew: 0.000°
- TX Polarization: Vertical (circled 2)
- Extra Hunt Parameters: (empty)

Initial Receive Carrier:

	Initial Receive Carrier 1	Initial Receive Carrier 2
Default	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Enabled	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Transport Mode	DVB-S2/DVB-S2X (ACM) (circled 3)	DVB-S2/DVB-S2X (ACM)
Time Slice Number		
Frequency	11.8950000 GHz (circled 4)	0.0000000 GHz
Symbol Rate	30.00000 Mbaud (circled 5)	0.00000 Mbaud
Polarization	Vertical (circled 6)	Horizontal

Pointing Carrier:

	Pointing Carrier 1	Pointing Carrier 2
Default	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Enabled	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Transport Mode	DVB-S2/DVB-S2X (ACM) (circled 7)	DVB-S2/DVB-S2X (ACM)
Time Slice Number		
Frequency	11.8950000 GHz (circled 7)	0.0000000 GHz
Symbol Rate	30.00000 Mbaud (circled 7)	0.00000 Mbaud
Polarization	Vertical (circled 7)	Horizontal

Automatic Beam Selection:

- Beam Name: Astra3B (circled 8)
- Cost: (empty)
- Automatic Pointing Timeout Value: 1 ms
- GXT File Name: None

Exclusion Zones:

Service Area Number	TX allowed	RX allowed
Add Exclusion Zone		

At the bottom right, the 'Save' button is circled with a red circle and labeled '9'.

Satellite Interface Settings:

Please enter the new satellite related information here:

1. "Orbital Position": enter "28.2 East"
2. "TX Polarization": Select "Horizontal"
3. "Transport Mode": Select "DVB-S2/DVB-S2X (ACM)"
4. "Frequency": "11.7975 GHz"
5. "Symbol Rate": "30.0 Mbaud"
6. "Polarization": "Horizontal"
7. Enter the same settings here as for point 3 – 6
8. "Beam Name": Enter "Astra 2F"
9. If all is entered correctly, please press "Save" in the lower right corner.



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