



Fornebu, 10th June 2015

Discovery (D) – Change of transponder and Encoding.

Discovery (D) will move to a new transponder 24th August 2015. The video encoding will at the same time be changed from MPEG-2 SD to MPEG-4 HD, VBR (statistical multiplexed).

Old settings:

Satellite: Thor 5
Transponder: C02
Downlink frequency: 11229 MHz
Downlink polarisation: Horizontal
Symbol rate: 24,5 Msym/sec
FEC: 7/8
DVB-S, QPSK

New settings:

Satellite: Thor 5
Transponder: C04
Downlink frequency: 11260 MHz
Downlink polarisation: Horizontal
Symbol rate: 25,0 Msym/sec
FEC: 3/4
DVB-S2, 8PSK, Pilot OFF

Service parameters:

“Discovery HD (D)”, Conax Encrypted

Service ID:	7228
PMT PID:	646
Video PID:	1482
Audio PID:	3535 Dolby AC3
ECM PID:	7270

“Discovery HD (D) syn”, Conax Encrypted

Service ID:	18017
PMT PID:	917
Video PID:	1482
Audio PID:	4055 MPEG-1 Layer 2 (visually impaired audio)
ECM PID:	7270

There will be a dual illumination period that ends 31th March 2016. Any changes to this date will be announced well in advance.

Svein Bråten
Senior CSM
Broadcasting Systems - Technology Division
Telenor Satellite Broadcasting