



Fornebu, 11<sup>th</sup> May 2016

## FEM – Change of transponder and Encoding.

FEM will move to a new transponder 1<sup>st</sup> September 2016. 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 6  
Transponder: A08  
Downlink frequency: 10809 MHz  
Downlink polarisation: Horizontal  
Symbol rate: 24,5 Msym/sec  
FEC: 7/8  
DVB-S, QPSK

### New settings:

Satellite: Thor 5  
Transponder: C02  
Downlink frequency: 11229 MHz  
Downlink polarisation: Horizontal  
Symbol rate: 25,0 Msym/sec  
FEC: 3/4  
DVB-S2, 8PSK, Pilot ON

### Service parameters:

“FEM HD”, Conax Encrypted  
Service ID: 7235  
PMT PID: 335  
Video PID: 1235  
Audio PID: 3235  
ECM PID: 7335

There will be a dual illumination period that ends 4<sup>th</sup> October 2016.

Svein Bråten  
Senior CSM  
Broadcasting Systems - Technology Division  
Telenor Satellite