NATO Technical Advisory
3rd September – version 2

UPDATED SATELLITE C0-ORDINATES

**SATELLITE COORDINATES FOR FREE LIVE VIDEO
FROM 2014 NATO SUMMIT WALES**

TRANSMISSION DETAILS FOR NORTH AMERICA, EUROPE and ASIA

NATO in partnership with HOST TV is offering free access to video of the key events from the NATO Summit in Celtic Manor of Live feeds and recorded material 4 – 5 Sept 2014.

All events reflect local time BST (GMT +1)

The transmissions are provided by NATO as a public service to make the video and audio available for news and public affairs purposes via satellite, Eurovision world feeds (www.worldfeed@eurovision.net) and locally in the Summit media centre. The signal is also available at the BT tower in London.

There is NO DOWNLINK CHARGE. There is NO ENCRYPTION.

Transmissions will be extended or modified as events warrant.

For further information on the Summit and about NATO, please visit http://www.nato.int/ and https://www.gov.uk/nato-summit-wales-2014. An online mobile application containing Summit information is also available – media can register at www.natosummit2014.uk

Satellite distribution for all HOST TV events from the NATO Summit are planned for the same coordinates, as follows:

Host TV Pool Date & Times:
Current Host TV times to Satellite are as Follows.
Please note these times may change slightly if the programme changes.

There will be a 2nd Host TV Pool signal available during the Main Press Conferences

Host TV Pool Signal 1
- Wednesday 3rd Sept 2014; 1600 - 2300 local time
- Thursday 4th Sep 2014; 0700 local time (24 hours until Friday 5th Sept)
- Friday 5th Sept Satellite uplink closes @ 2345 local time

Host TV Pool Signal 1 – SATELLITE DETAILS
Satellite: EUT 7B
Transponder: F1
Channel: 3+4
U/L Freq: 14068.70 V
D/L Freq: 12568.70 H
Format: HD MPEG4
Sub Chroma: 4:2:2
Modulation: DVBS2 8PSK
Symbol rate: 14.4
FEC: 2/3
RO: 25%
Pilots: on

BT Local End: HD/LOG/G81

Host TV Pool Signal 2
- Thursday 4th Sept 2014; 1630 – 1730 and 1830 – 1930 local time
- Friday 5th Sept; 1500 – 1800 local time

Host TV Pool Signal 2 – SATELLITE DETAILS
Satellite: EUT 7B
Transponder: F1
Channel 1+2
U/L Frequency: 14050.70 V
D/L Frequency: 12550.70 H
Format: HD MPEG4
Sub Chroma: 4:2:2
Modulation: DVBS2 8PSK
Symbol rate: 14.4
FEC: 2/3
RO: 25%
Pilots: on

BT Local End: HD/LOG/G83

Host TV will be captured at 1920x1080@50i with four channels of embedded audio when Simultaneous translation is available.

The audio will switch between:
Ambient sound at events without speech
Ch1 Stereo Effect Left
Ch2 Stereo Effect Right
Ch3 Stereo Effect Left
Ch4 Stereo Effect Right

Events with Speech/Simultaneous Translations (Sim Tran)
Ch1 International Sound
Ch2 English Translation - Mono
Ch3 French Translation - Mono
Ch4 Ad Hoc Translation - Mono

BT Tower

The feed will be available free, open & unencrypted on circuit:
Host TV 1 – Local End HD/LOG/G81
Host TV 2 – Local End HD/LOG/G83

Contact Details

For BT Bookings:
- Call BT Occasional Use Booking Duty on 0800-672855 or email: occasional.use.team@bt.com
- Quote above circuit number and your Local End

For Eurovision Worldfeed: +41.22.717.2822 or worldfeed@eurovision.net and www.eurovision.net/wf/worldfeeds.php

Host TV Material can be received in the following ways:
Media Centre at Celtic Manor on site from TV & Radio Edit (via rate card),
Un-reserved Workspace with clean host broadcast drop (limited amount available)
From on site local media server
From Satellite
Available at BT Tower (free, open & unencrypted)

Media playback and file copy over Network or onto External drive/USB device

All media transmitted on Host TV and selected items of general interest will be saved on to a local file server using the XDCam50Mb codec. This is not an edit server, you won't be able to playback or edit directly from this unit. User will be able to copy and paste files across the local network from the server to their laptops or edit systems.

File copy
Alternatively, requests can be made via the media library manager to copy XDCAM50 or H.264 10mb video files onto a USB stick or USB external drives. Note. USB sticks and external drives should be clean and free from viruses.

Recorded media

A limited amount of tape transfers can be made if you bring your own tape XDCAM OR SONY HDCAM

Requests & Information about the above services are available from the Media Library manager who will be located outside the Host TV MCR in the Media Filing Centre on the Ground floor .

Switchable Feeds

All HB video feeds are originated and available in 1080i50 via a router output.

The Host TV switched feed in the Edit Booths will be available in

HDSDI 1920x1080 50i

HDSDI 1920x1080 60i

SDSDI 50i

SD SDI 60i

All Host broadcast material will be stored on a server and Edit booths can request playback of any media to their booth on their switched feed, this feed is switchable upon request via the Media Library manager who will be located outside the Host TV MCR in the Media Filing Centre on the Ground floor .

Feeds in Edit Booths

There are 2 switchable feeds in the edit booths. Any MCR source can be selected to these feeds either by purchasing a Matrix panel of requesting it to be switched via the Library Manager

Matrix Panel

Are available to purchase via the rate card (limited availability) Each panel will have access to all media transmitted on Host TV including the full broadcast mix and isolated feeds of all live cameras. These panels will also have access to a mixed output of selected simultaneous press conferences.

Host Feed Work Space

There are a limited number of work spaces throughout the media centre supplied with the host TV feed. These are located at the far end of the Media Centre on the 1st floor

Internet Access

There will be a shared 1Gb internet across the Media Centre. Every workspace will have an

internet drop to the shared connection. We will not be providing individual lines or allocating outlets a percentage of speed.

Dedicated internet connections are available to purchase via the rate card (limited amount available)
Wifi is available across the Media Area but not at the Summit site

NATO Television Studio

NATO is providing a 2-camera TV studios for Live programme inserts and local recordings, in cooperation with EUROVISION.
The studio is equipped and staffed. It is available free of charge for interviews and local recordings. Each network must bring their own recording device to the NATO Studio. The signal is available in either HD or SD via a BNC cable in SDI.

To book studio time, or to book satellite circuits for Live interviews from the Studio, please contact Eurovision Special Events:
Tel: +44 1633 279 494
bookings@eurovision.net

FOR OPERATIONAL USE ONLY – timings may be subject to change

All events reflect local time BST (GMT +1)

Wednesday 3rd September 2014

1630   Secretary General's airport arrival **PLAYOUT**

Time TBC   President of the USA airport arrival **PLAYOUT**

1900   UK Prime Minister meeting with local Welsh suppliers **PLAYOUT**

2015   Secretary General and UK Prime Minister Bi-lateral **PLAYOUT**

2300   Cardiff airport arrivals - including Canada, France, Montenegro, Slovakia, Turkey, Czech Republic Azerbaijan **PLAYOUT**

Thursday 4th September 2014

0730 - 1100   Cardiff Airport Arrivals – including Italy, Spain, Romania, Denmark, EU Council, Germany **LIVE**

0800 - 1100   Car Arrivals at Celtic Manor **LIVE**

0935   Secretary General Doorstep Celtic Manor **LIVE**

1000   Secretary General opening remarks at Future Leaders Council **PLAYOUT**

1145 - 1230   Secretary General and UK Prime Minister Welcome with Formal Handshakes **LIVE**

Thursday 4th September 2014, continued

1230 - 1245   Family Portraits Celtic Manor **LIVE**

1300 - 1330   Meeting on Afghanistan: Honouring Ceremony, Secretary General Opening Remarks, UK Prime Minister Welcoming Remarks NAC 1 **LIVE (Sim Tran)**

1330   President of the USA arrival at Celtic Manor **PLAYOUT**

1415 - 1545   Foreign Ministers Meeting with Aspirants NAC 2 **LIVE (ambient sound, no remarks)**

1615 - 1630   Secretary General Press Conference **LIVE (Sim Tran)**

1630-1745   Defence Ministers + 24 member countries NAC1 **LIVE (after Secretary General Press Conference finishes; ambient sound, no remarks)**

1645-1830   NATO/Ukraine Commission – Secretary General Opening Remarks **LIVE (Sim Tran)**

1845   Joint NATO/Ukrainian Press Conference **LIVE (PATH1) (Sim Tran)**

1930-2030   Arrivals for Official Dinner Cardiff Castle w/ Family Photo **LIVE**

2030 -2130   Reception Hosted by Prince of Wales **PLAYOUT**

2130-2145   Foreign Ministers Dinner arrivals, dinner and Family Photo **PLAYOUT**

2145-2200   Defence Ministers arrivals for dinner HMS DUNCAN **PLAYOUT**

2300   Defence Ministers (MOD) End of Dinner HMS DUNCAN "Ceremonial Sunset" **PLAYOUT**

Friday 5th September 2014

0800   Car Arrivals Celtic Manor **LIVE**

0900   Flypast Celtic Manor **LIVE**

0930-1000   NATO Atlantic Council Meeting Session 1 Secretary General Opening Remarks NAC1 **LIVE (Sim Tran)**

1030-1040   Foreign Ministers and heads of international organisations NAC2 **REPLAY (ambient sound, no remarks)**

1100-1200   Defence Ministers with Partners NAC2 **LIVE (ambient sound, no remarks)**

1200-1300   Secretary General Press conference **LIVE (Sim Tran)**

Friday 5th September 2014, continued

1330-1400   OSPREY Special Ops Forces landing "defence ministers and deputy supreme allied commander ops" **REPLAY**

1500   Secretary General Press Conference **LIVE (PATH1) (Sim Tran)**

1530   UK Prime Minister Press Conference **LIVE** (**PATH2) (Sim Tran)**

Note: 5th September Second Path on satellite 1500-1800