

May 23, 2019

Dear NCTC Members currently taking Game Show Network SD off of AMC-11:

AMC-11 is at end of life this year. To ensure that your Game Show Network SD feed remains uninterrupted, we ask that you replace your AMC-11 feed with one of these two options no later than September 1:

1. Down-convert Game Show Network HD available on SES-3, an Arris platform, to output SD. Our SES-3 HD East and HD West technical sheets are attached.
2. Switch to the Game Show Network SD feed on SES-11, an Arris platform. Our SES-11 SD technical sheet is attached. Note, although SES-11 is a HITS satellite, there is no charge to NCTC Members/affiliates for Game Show Network SD.

With option 1, Game Show Network formatting commands (AFD) must be passed through with the down-convert. The Arris 6401, or any receiver in the 6400 series (and higher), outputs HD as well as down-converts to output SD. Additional information on the 6400 series is attached. Any other standard means your headend utilizes to down-convert and output SD is also acceptable.

To begin your transition, please complete all 11 fields below (if not applicable, indicate why) and email to AffiliateOperations@GameShowNetwork.com :

1. Feed to be authorized (SES-3 HD East, SES-3 HD West or SES-11 SD):
2. Company Name:
3. Headend Location (city, state):
4. Contact Name(s):
5. Contact Phone/Mobile(s):
6. Contact Email(s):
7. Date headend will switch to SES-3 HD down-convert or SES-11 SD:
8. New IRD Unit Address (IRD you will use to either down-convert the SES-3 HD feed or pick up the SES-11 SD feed):
9. New IRD Model (6401, 4410MD, etc.):
10. AMC-11 SD IRD Unit Address:
11. Date to de-authorize AMC-11 SD IRD:

If you have any questions, please contact me at 310-255-6859 or Shaun Brown at 310-255-6884.

Thank you!

Roxanna Klimovich



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Arris Details for DSR-6400 Commercial Integrated Receiver/Transcoder

- Up to 8 transcoded output services
- Compatible with MPEG-4 HD, MPEG-4 SD and MPEG-2 HD video sources
- Simultaneous HD and SD transport stream output for each HD input
- Advanced modulation support with DVB-S2
- Gig-E and ASI transport input and output
- Eight RF inputs (L-Band)
- AFD processing support
- Composite video (DSR-6401) and dedicated OSD outputs
- DigiCipher® II conditional access control
- Ethernet port for SNMP and web browser monitoring and control
- One-RU chassis design



Technical Specifications – Game Show Network SD East

Note, SES-11 is a HITS satellite, however, there is no charge to Game Show Network affiliates.

24/7 HITS Hotline: 800-426-7790

Satellite: SES11

Location: 105W

Transponder: 2 (QSD1)

L-Band Frequency: 1410 MHz

Downlink Polarity: Horizontal

Downlink Frequency: 3740 MHz

VCT: 971

Symbol Rate: 30 Msps

FEC Rate: 5/6

Modulation: 8PSK – DVB-S2

Codec: MPEG-2

Bitrate: 2.28 Mbps, Fixed

Virtual Channel #: 107

Program: 7

Video PID: 711

Audio PID 1: 712 (AC-3, 2.0, English)

Audio PID 2: 713 (AC-3, Spanish, DTMF, Ch. 3 and 4)

DPI PID: 715

Local Avails:

Occur once per hour, two-minute duration, between 10 and 20 minutes after the hour. No avails during infomercials.

119* = START

119# = STOP

Compatible IRDs:

Arris/Motorola DSR-4410MD, DSR-4440, DSR-4460



Technical Specifications – Game Show Network HD East

24/7 Troubleshooting Hotline: 800-824-1771

Satellite: SES3

Location: 103W

Transponder: 10C

L-Band Frequency: 1250 MHz

Downlink Polarity: Vertical

Downlink Frequency: 3900 MHz

VCT: 85

Symbol Rate: 30 Msps

FEC Rate: 5/6

Modulation: 8PSK – DVB-S2

Codec: MPEG-4

Bitrate: 10Mbps, Fixed

Virtual Channel #: 400

Program: 4

Video PID: 400

Audio PID 1: 401 (AC-3, 2.0, English)

Audio PID 2: 402 (AC-3, Spanish, DTMF, Ch. 3 and 4)

DPI PID: 405

Resolution: 1080i

Local Avails: Occur once per hour, two-minute duration, between 10 and 20 minutes after the hour. No avails during infomercials.

119* = START

119# = STOP

Compatible IRDs: Arris DSR-6400 Series. Also DSR-4460, DSR-4400 and DSR-4410MD, however, these IRDs only output HD; you will need to utilize additional equipment, or use a 6400 series IRD, in order to down-convert from HD to SD. A down-convert with any of the 6400 series receivers requires the receiver's AFD flag to be turned on, and down-convert outside the stream (using additional equipment) requires full pass-through of formatting commands.



Technical Specifications – Game Show Network HD West

24/7 Troubleshooting Hotline: 800-824-1771

Satellite: SES3

Location: 103W

Transponder: 10C

L-Band Frequency: 1250 MHz

Downlink Polarity: Vertical

Downlink Frequency: 3900 MHz

VCT: 85

Symbol Rate: 30 Msps

FEC Rate: 5/6

Modulation: 8PSK – DVB-S2

Codec: MPEG-4

Bitrate: 10Mbps, Fixed

Virtual Channel #: 500

Program: 5

Video PID: 500

Audio PID 1: 501 (AC-3, 2.0, English)

Audio PID 2: 502 (AC-3, Spanish, DTMF, Ch. 3 and 4)

DPI PID: 505

Resolution: 1080i

Local Avails: Occur once per hour, two-minute duration, between 10 and 20 minutes after the hour. No avails during infomercials.

119* = START

119# = STOP

Compatible IRDs: Arris DSR-6400 Series. Also DSR-4460, DSR-4400 and DSR-4410MD, however, these IRDs only output HD; you will need to utilize additional equipment, or use a 6400 series IRD, in order to down-convert from HD to SD. A down-convert with any of the 6400 series receivers requires the receiver's AFD flag to be turned on, and down-convert outside the stream (using additional equipment) requires full pass-through of formatting commands.