WEST

AFFILIATE TECHNICAL BULLETIN

Satellite: Galaxy 14, transponder 21 at 125º W
                                             HITS feed- QHD 8 East feed only
Compression/Encryption: PowerVu+ MPEG 4

- Services on this platform: Lifetime HD West.
- HD feeds are in 1080i format

Equipment Needs

- Transcoding IRD: Model D9858 and Model D9859 will provide an ASI or MPEGoIP output (optional feature) for MPEG 4 and/or MPEG 2 distribution
- Baseband IRD: Model D9854 will provide baseband HD and an MPEG 4 ASI output
- An MPEGoIP output is available as on option on the Model D9854 for MPEG4 into an IPTV system. Contact your SA/Cisco distributor for exact part numbers.
- Multiple Decrypting Receiver D9824 will provide a decrypted MPEG4 output via ASI.

Audio

- AES 1 – is Program audio, stereo Left and Right;
- AES 2 – is Program audio encoded in AC3 surround sound.

Receiver Setup Parameters:

Downlink Frequency:	4.120 GHz
Symbol Rate:	30.00 MSym/s
FEC	Auto
L-Band Frequency:	1030 MHz
Network ID:	1748
Modulation	DVB-S2
Polarity:	H
RF Input	#2
Power (LNB Power)	OFF or ON
Output Mode:	Full DPM Control
Descramble Mode:	Descrambled

This will provide an ASI stream with the Lifetime-HD PIDs descrambled.

Channel: **11** for Lifetime West HD

Program PID information:

Lifetime West MPEG 4

Video	**1110**	
Audio 1	**1101**	
Audio 2	**1102**	
DPI	**1130**	**Affiliate Avail Trigger**

PID Remapping:
The D9858 transcoded output allows for re-mapping of PID values. Refer to the set up guide included with the unit for details.

Once the unit is set up, call the Lifetime scrambling hotline at (212)641-3474 for an authorization of the unit.

Signal and Margin Levels
Cisco/SA recommends a Signal Level between -30 and -60. The Margin Level should be 2.0 or greater. A Margin that is below this will require the user to take measures to improve the quality of the received signal, such as upgrading the LNB, reducing splitters, or re-pointing the receive antenna.

Affiliate Avail Schedule: Avails are two minutes per hour;
- At the half-hour between 10:00 and 30:00 after the hour;
- At the hour, between 40:00 and 00:00 (straight up)

Schedule Exception: Sundays, 07:00 to 08:00 am (PT on the West Feed) – One two-minute local avail will be scheduled between 07:55 and 08:00

Tech Support
E-mail	techsupport@aenetworks.com
Scrambling Hotline:	(866) 823-3712
Cisco/SA Customer Service support line	(888) 949-4786

Register at our affiliate web site, www.aenetworksaffiliate.com for immediate access to technical bulletins and important programming information.

Viewer Feedback
Direct viewer calls to the A+E Website: www.aenetworks.com