Synamedia MEG setup – **HSN**

HSN1 HD MP4 SDI Out

**Task-** Configuring Synamedia MEG IRDs

**Condition-** Video Decoding HSN1 HD from MP4 - SDI OUT

**Standard-** How to configure a Synamedia MEG IRD for Video Decoding

**Action Items:**

* Video Decoding HD MP4
	+ Begin by **Browsing to IP** of MEG IRD (Default ip - 192.168.2.20)
		- **Enter UN & PW** *(see figure 1) (UN: Admin ; PW: Password)*

*figure 1 - Login*



* Click on **Add New Channel** *(see figure 2)*

figure 2 – Add Channel



* + Choose which option you would like to do
		- Select **Video Decoding** for SDI setup *(see figure 3)*

figure 3 – Video Decoding



* + Video Decoding – SDI Out
		- Enter a **Channel Name (HSN1 HD MP4 SDI Out)**
		- Select **Use Existing Input**
		- **Input Selection - DVB-S2:DVBS2 1 (4.08GHz)**
	+ Select which **Video Decoding** you would like to transcode by choosing the service in the **Dropdown Menu - (20) for HSN1 HD** *(see figure 4)*

figure 4 – Configure Video Decoding



* **Descrambling - Disabled**
* Click on **Video** tab next
	+ Configure **Basic Video Settings**
	+ Select the **Format** you would like to Decode to
		- Leave as **HD**
	+ Select **Codec** you would like to Transcode to
		- Select H.264
	+ Select which **Resolution Mode** you would like to use
		- For HD services, select **Follow Input**
		- Leave defaults values for the remainder of settings *(see figure 5)*
* *figure 5 – Choose Format and Codec*

**

* Click on **Audio** tab next
	+ Click on **Add ES: 2101 (MPEG1-L2) (eng)**
		- Enable - Select **Decode to PCM** for MPEG1-L2 audio *(see figure 6)*
		- Leave defaults values for the remainder of settings
	+ Click on**Add ES: 2101 (Dolby Digital) (eng)** for Dolby Digital Audio
		- Select **Dolby Digital** in the **Encode** dropdown
		- Enable - Select **Passthrough** for Dolby Digital audio *(see figure 6)*
		- Leave defaults values for the remainder of settings

*Figure 6 – Configure Audio Settings*



* Click on **Output** next
	+ Select **Type**
		- Select **SDI**
			* Select which **SDI port** you would like to use (SDI-1)
			* Leave remaining fields as default values
	+ Tick **Service ID** box
		- Enter **Service ID – 20** *(see figure 8)*

*Figure 8 – Configure Output*

**

* Click on **Create** in upper right corner (*see figure 9)*

*Figure 9 – Create and Finish*



* *You should see a popup box that says “Channel activated successfully”*
* Setup complete –There should now be 1 channel with a green checkmark *(see* **figure 10)**

Figure 10 – Channel Created



\*Advanced View configurations are beyond the scope of this document.