



Revision Date: Sept 8, 2019 v1

Subject: Downlink Technical Specifications for Herring Networks, Inc. channels: **AWE** (fka *WealthTV*), **One America News Network** ("OAN"), & **AWE International** (fka *WealthTV International*)

DOWNLINK PARAMETERS

COMPATIBLE IRDs: Motorola DSR 6400, 6300, 6100, 6050, 6000, 4460, 4440, 4410MD

Satellite: Intelsat Galaxy 13, transponder 18. (G-13, Tr 18) @ 127.0°W

Polarity: Horizontal

L-Band Frequency: 1097.5 Mhz

Modulation: DVB-S2 8PSK

Symbol Rate: 17.5 MSymbols

FEC (Forward Error Correction): 5/6

ENCRYPTION: Motorola Digicipher II. IRDs authorized on site by Herring Networks, Inc.

VCT (VIRTUAL CHANNEL TABLE): 758

Channel Name	Channel No	Compression
AWE SD	100	MPEG II (480i)
AWE HD	200	MPEG II (1080i)
Test pattern HD	300	MPEG 4 (1080i)
AWE International HD	400	MPEG 4 (1080i)
One America News Network HD	500	MPEG 4 (1080i)
One America News Network SD	600	MPEG II (480i)

UPLINK LOCATION: Uplink located in 4757 Morena Blvd., San Diego, California, 92117

Herring Networks, Inc. Contacts:

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Website URLs for the Latest Information: www.oann.com/downlink and www.awetv.com/downlink

Ad Insertion Information for Herring Networks

-Local avail time is 2 minutes per hour

	AWE SD	AWE HD	OAN HD	OAN SD
VCT Channel	100	200	500	600
Analog DTMF Start Tone (IRD Cue Tone port)	123#	123#	501#	601#
Analog Cue Tone Avail (seconds)	60	60	60	60
Analog Cue Tone Lead Time (seconds)	5	5	5	5
Digital SCTE-35 PID (hex)	1001	1002	1025	1026
Digital SCTE-35 Avail (seconds)	60	60	60	60
Digital SCTE 35-Splice Preroll (seconds)	5	5	5	5
SCTE OpCode - Splice Type	2 - Immediate	2 - Immediate	1 - Future	1 - Future
Digital SCTE-35 Auto Return	Yes	Yes	Yes	Yes