

Cablefax Daily™

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What the Industry Reads First

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Blurred Lines: Cable, Wireless Looking More Alike than Ever

With 5G not yet here, it can be a nebulous concept in many regards, so hat tip to **AT&T** chief strategy officer *John Donovan* for giving a digestible explanation. He said to imagine you have someone who loves roller coasters. A few years ago, that person might send a text saying they love coasters for 20 kilobits. Later, that coaster lover might send a photo of a roller coaster with text for about 380kb. Then came a video of it at 4 megabit for a minute. "When that becomes a VR capture, it's 1 gigabit. Think about 20kb to 1GB in a 10-year period. That's extraordinary," Donovan said during a **Progressive Policy Institute** lunch Fri. "With 5G, the characteristics of the network have demand for it that is really unprecedented." As for the timing of 5G, **CTIA** gen counsel *Tom Power* said 2020 is being batted around as the year, with some Asian countries tying it to the Olympics. AT&T wrote its first check for 5G gear just this year. Power did caution that real 5G won't come until there's a 3GPP standard—until then "it's some company's pre-version of 5G." Those early version deployments of 5G could start next year, he said. Meanwhile, cable's at the beginning of DOCSIS 3.1, resulting in true multi-gigabit service. **NCTA's** 2nd most senior exec, evp *James Assey*, noted that the lines are getting blurrier these days. "People have traditionally looked at wireless and cable as very different animals, but the technology is really evolving to the point where I think the wireless network and cable networks are really going to start to look alike, and that's because of all the devices all the folks in the audience have in their hands," he said. "The average consumer has 10 devices that they connect with WiFi either when they're at their home or on the go." Networks will have to get denser, particularly given the demands of VR and other advanced applications. Those operational challenges will look pretty similar for cable and wireless, he said. "5G could be a strong competitor, and we're hoping I will be a strong competitor for the last mile into the home," **CTIA's** Power said. "At the same time, you see cable companies looking at the incentive auction and thinking in other ways of getting into the traditional licensed wireless world." See **Comcast** and **Charter's Verizon** MVNO plans. One area where cable and wireless are really confronting each other is in unlicensed, with concerns over wireless carriers attempting to deploy LTE in what has traditionally been a WiFi band. "We're working through that a little slower than we would hope, but all of it is a testament to how these two industries are beginning to look more and more like each other—which presumably is keeping a lot of our members and James' members up at night, but ultimately should be good for the consumer."

Hallmark Channel's 2nd Annual Fall Harvest Event Rakes in the Viewers

Anchored by Saturday Night Premieres,
Fall Harvest Drove Significant Ratings Increase of 180%!



Source: Nielsen (9/26 - 10/9/16 vs. 9/28 - 10/25/15), Live + SD program average of Hallmark Channel "Fall Harvest" original premieres compared to OCT '15 Prime Time time period average. Subject to qualifications made available upon request.

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Zero-rating Practice: The **FTC** is challenging an Aug court decision that dismissed the agency's lawsuit against **AT&T** over wireless data throttling practice. The FTC appeal, filed late Tues at the US Court of Appeals for the 9th Circuit, said the earlier court ruling "creates an enforcement gap that would leave no federal agency able to protect millions of consumers across the country from unfair or deceptive practices or obtain redress on their behalf." The carrier said it believes the appeals court's ruling was correct and that any reviews would agree. The Aug ruling opposed a lower court's denial of AT&T's request to dismiss FTC's lawsuit, saying because AT&T was a common carrier, it shouldn't be held liable for the alleged violations. Throttling practice has also been used in fixed broadband services. **Netflix** acknowledged earlier this year that it downgrades video quality to help subscribers avoid data overage charges, but chmn **Tom Wheeler** repeatedly said he has no plans to investigate Netflix because edge providers like Netflix aren't subject to the FCC's Open Internet regulation.

Atlantic Broadband: Cable veteran **Dave Keefe** has left **Atlantic Broadband**. Keefe helped form Atlantic Broadband with former **Continental Cablevision** colleague **Ed Holleran**, who left the company in 2014 with **Rich Shea** stepping into the pres/CEO role. Keefe, who was CEO before **Cogeco** bought the company in 2012, had most recently served as svp, South general manager at the company. Atlantic Broadband has created 3 vp, gm roles for SC, FL and MD (**CFX, 10/14**).

Charter's Layoff in Charlotte: **Charter** will lay off 258 employees at its Charlotte location starting in Nov. The company notified affected employees (mostly in finance/accounting) in Sept. They are eligible for severance and outplacement services. Charlotte remains a key corporate location for Charter, a spokesman said.

Debate Ready: The heat won't just be on the candidates for Wed's presidential debate. **Cox Business** will power the temporary media center at UNLV, providing phone service, a massive back-up Internet connection and cable and broadcast channels for use in the Cox Pavilion. Cox Business is also providing UNLV with a temporary, redundant 10-gigabit fiber-optic connection to help ensure Internet connectivity for the media corps, vendors and guests. The UNLV debate facilities will also have access to a customized tier of 20 HD cable channels and affiliate broadcasters, including **BBC America, CNN, CNN en Español, C-SPAN, CNBC, Fox Business, News, Fox News Network, HLN** and other nets on Cox's lineup.

LEA Awards: The **WICT** Southern California Chapter 2016 LEA Award winners include: **Del Heintz**, sr dir of state government affairs at western region, **Charter**, **Donna Thomas**, svp of studio sales at **Vubiquity**, **Nadya Ichinomiya**, dir of IT, television marketing at **Sony Pictures Entertainment**, **Erika Nolting**, enterprise client exec at **Neudesic**, and **Toby Berlin**, pres of her consulting firm **School of Toby**. The awards gala will be held on Nov 10.

Programming: **WE tv** borrowed a page from Fox's "Empire," debuting an original song during Thurs' "Growing Up Hip Hop" from **Master P**, father of **Romeo Miller**, one of show's stars (who's also appearing on Empire!).



HERITAGE FALLS

EXCLUSIVE WORLDWIDE TELEVISION PREMIERE

Sunday, October 16th at 8p ET

Three generations of totally opposite men go on a weekend retreat at Heritage Falls and, in the process, are forced to get over their longstanding differences.

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Cablefax Week in Review

Company	Ticker	10/14 Close	1-Week % Chg	YTD %Chg
BROADCASTERS/DBS/MMDS				
DISH:	DISH	56.97	2.74%	(0.37%)
ENTRAVISION:	EVC	7.08	5.85%	(8.17%)
GRAY TELEVISION:	GTN	9.51	7.94%	(41.66%)
MEDIA GENERAL:	MEG	17.88	3.35%	10.71%
NEXSTAR:	NXST	53.13	8.77%	(9.49%)
SINCLAIR:	SBGI	25.86	9.14%	(20.53%)
TEGNA:	TGNA	19.94	5.27%	(21.87%)

Company	Ticker	10/14 Close	1-Week % Chg	YTD %Chg
MSOS				
CABLE ONE:	CABO	569.77	4.5%	31.39%
CHARTER:	CHTR	257.59	3.51%	40.76%
COMCAST:	CMCSA	65.23	0.2%	15.59%
GCI:	GNCMA	14.57	0.07%	(10.56%)
LIBERTY BROADBAND:	LBRDA	66.73	3.36%	29.20%
LIBERTY GLOBAL:	LBTYA	31.57	2.77%	(25.47%)
SHAW COMM:	SJR	20.04	0.25%	16.58%
SHENTEL:	SHEN	25.83	0.54%	(40%)

Company	Ticker	10/14 Close	1-Week % Chg	YTD %Chg
PROGRAMMING				
21ST CENTURY FOX:	FOXA	24.73	1.56%	(8.95%)
AMC NETWORKS:	AMCX	48.58	5.71%	(34.95%)
CBS:	CBS	55.11	0.2%	16.93%
DISCOVERY:	DISCA	25.34	6.74%	(5.02%)
DISNEY:	DIS	91.30	1.29%	(13.11%)
GRUPO TELEVISIA:	TV	25.33	2.16%	(6.91%)
HSN:	HSNI	38.12	4.08%	(24.77%)
LIONSGATE:	LGF	18.88	(10.73%)	(41.71%)
MSG NETWORKS:	MSGN	18.42	1.5%	(11.44%)
SCRIPPS INT:	SNI	61.28	(1.76%)	10.99%
STARZ:	STRZA	30.70	4.54%	(8.36%)
TIME WARNER:	TWX	79.55	0.72%	23.01%
VIACOM:	VIA	40.34	(1.59%)	(8.3%)
WWE:	WWE	19.94	(1.97%)	11.77%

Company	Ticker	10/14 Close	1-Week % Chg	YTD %Chg
TECHNOLOGY				
ADVANTAGE:	AEY	1.76	5.38%	(2.76%)
AMDOCS:	DOX	59.27	0.39%	8.61%
AMPHENOL:	APH	63.56	2.77%	21.69%
APPLE:	AAPL	117.66	3.16%	11.78%
ARRIS GROUP:	ARRS	28.62	3.47%	(6.38%)
AVID TECH:	AVID	7.19	3.75%	(1.37%)
BLNDER TONGUE:	BDR	0.59	5.08%	47.13%
CISCO:	CSCO	30.18	4.1%	11.12%
COMMSCOPE:	COMM	31.12	(1.58%)	20.20%
CONCURRENT:	CCUR	5.87	0.69%	18.59%
CONVERGYS:	CVG	29.59	1.54%	18.88%
CSG SYSTEMS:	CSGS	39.75	(1.78%)	10.48%
ECHOSTAR:	SATS	45.79	2.49%	17.08%

Company	Ticker	10/14 Close	1-Week % Chg	YTD %Chg
GOOGLE:	GOOG	778.53	0.45%	2.59%
HARMONIC:	HLIT	5.32	(9.98%)	30.71%
INTEL:	INTC	37.45	(1.71%)	8.71%
INTERACTIVE CORP:	IAC	61.60	0.08%	2.58%
LEVEL 3:	LVL	46.15	0.72%	(15.1%)
MICROSOFT:	MSFT	57.42	(0.66%)	3.50%
NETFLIX:	NFLX	101.46	(3.21%)	(11.3%)
NIELSEN:	NLSN	53.53	2.23%	14.87%
SEACHANGE:	SEAC	2.67	(4.98%)	(60.39%)
SONY:	SNE	32.89	1.11%	33.64%
SPRINT NEXTEL:	S	7.03	8.49%	94.20%
SYNACOR:	SYNC	2.80	(1.06%)	60.00%
UNIVERSAL ELEC:	UEIC	69.58	(4.08%)	35.50%
VONAGE:	VG	6.20	(5.05%)	8.01%
YAHOO:	YHOO	41.44	(4.12%)	24.59%

Company	Ticker	10/14 Close	1-Week % Chg	YTD %Chg
TELCOS				
AT&T:	T	39.22	0.90%	13.98%
CENTURYLINK:	CTL	27.34	(1.51%)	8.66%
FRONTIER:	FTR	3.94	(6.86%)	(15.63%)
TDS:	TDS	26.75	0.26%	3.32%
VERIZON:	VZ	50.28	0.72%	8.78%

Index	Ticker	10/14 Close	1-Week % Chg	YTD %Chg
MARKET INDICES				
DOW:	DJI	18138.38	(0.56%)	4.09%
NASDAQ:	IXIC	5214.16	(1.48%)	4.13%
S&P 500:	GSPC	2132.98	(0.96%)	4.36%

WINNERS & LOSERS

THIS WEEK'S STOCK PRICE WINNERS

COMPANY	CLOSE	1-WK CH
1. SPRINT NEXTEL:	7.03	8.49%
2. APPLE:	117.66	3.16%
3. DISH:	56.97	2.74%
4. NIELSEN:	53.53	2.23%
5. 21ST CENTURY FOX:	24.73	1.56%

THIS WEEK'S STOCK PRICE LOSERS

COMPANY	CLOSE	1-WK CH
1. LIONSGATE:	18.88	(10.73%)
2. HARMONIC:	5.32	(9.98%)
3. SINCLAIR:	25.86	(9.14%)
4. NEXSTAR:	53.13	(8.77%)
5. GRAY TELEVISION:	9.51	(7.94%)

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