### UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

### FORM 8-K

CURRENT REPORT Pursuant to Section 13 or 15(d) of the Securities Exchange Act of 1934 Date of Report (Date of earliest event reported): April 3, 2018



### Shenandoah Telecommunications Company

(Exact name of registrant as specified in its charter)

Virginia (State or other jurisdiction of incorporation) 0-9881 (Commission File Number) 54-1162807 (IRS Employer Identification No.)

500 Shentel Way P.O. Box 459 Edinburg, VA 22824 (Address of principal executive offices) (Zip Code)

(540) 984-4141 (Registrant's telephone number, including area code)

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions:

Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)

Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)

Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))

Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

Indicate by check mark whether the registrant is an emerging growth company as defined in Rule 405 of the Securities Act of 1933 (§230.405 of this chapter) or Rule 12b-2 of the Securities Exchange Act of 1934 (§240.12b-2 of this chapter).

Emerging growth company  $\Box$ 

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act.

### Item 7.01. Regulation FD Disclosure

On April 3, 2018, Shenandoah Telecommunications Company (the "Company") announced that it is scheduled to conduct one-on-one meetings with certain investors on Tuesday April 3<sup>rd</sup> and Wednesday April 4<sup>th</sup>, 2018, throughout each day. The meetings are taking place in Boston, MA and New York, NY.

An electronic copy of the investor presentation that will be used at the aforementioned meetings will be available in the Investor Relations section of the Company's website at www.shentel.com. A copy of the investor presentation is attached hereto as Exhibit 99.1 and is incorporated herein by reference.

These materials may contain forward-looking statements about Shenandoah Telecommunications Company regarding, among other things, our business strategy, our prospects and our financial position. These statements can be identified by the use of forward-looking terminology such as "believes," "estimates," "expects," "intends," "may," "will," "should," "could," or "anticipates" or the negative or other variation of these or similar words, or by discussions of strategy or risks and uncertainties. Shenandoah Telecommunications Company undertakes no obligation to revise or update such statements to reflect current events or circumstances after the date hereof, or to reflect the occurrence of unanticipated events.

#### Item 9.01. Financial Statements and Exhibits.

### (d) Exhibits

The following exhibit is furnished with this Current Report on Form 8-K.

#### 99.1\* Shenandoah Telecommunications Company Investor Presentation

\* Furnished herewith

#### SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned thereunto duly authorized.

SHENANDOAH TELECOMMUNICATIONS COMPANY

Dated: April 3, 2018

#### /s/ James F. Woodward James F. Woodward Senior Vice President - Finance and Chief Financial Officer



# Shenandoah Telecommunications Company INVESTOR PRESENTATION

### **APRIL 2018**



This presentation includes "forward-looking statements" within the meaning of Section 27A of the Securities Act and Section 21E of the Securities Exchange Act of 1934, as amended, regarding, among other things, our business strategy, our prospects and our financial position. These statements can be identified by the use of forward-looking terminology such as "believes," "estimates," "expects," "intends," "may," "Will," "should," "could," or "anticipates" or the negative or other variation of these similar words, or by discussions of strategy or risks and uncertainties. These statements are based on current expectations of future events. If underlying assumptions prove inaccurate or unknown risks or uncertainties materialize, actual results could vary materially from the Company's expectations and projections. Important factors that could cause actual results to differ materially from such forward-looking statements include, without limitation, risks related to the following:

- Increasing competition in the communications industry; and
- A complex and uncertain regulatory environment.

A further list and description of these risks, uncertainties and other factors can be found in the Company's SEC filings which are available online at www.sec.gov, www.shentel.com or on request from the Company. The Company does not undertake to update any forward-looking statements as a result of new information or future events or developments.

Included in this presentation are certain non-GAAP financial measures that are not determined in accordance with US generally accepted accounting principles. These financial performance measures are not indicative of cash provided or used by operating activities and exclude the effects of certain operating, capital and financing costs and may differ from comparable information provided by other companies, and they should not be considered in isolation, as an alternative to, or more meaningful than measures of financial performance determined in accordance with US generally accepted accounting principles. Management believes these measures facilitate comparisons of our operating performance from period to period and comparisons of our operating performance to that of our peers and other companies by excluding certain differences. Shentel utilizes these financial performance measures to facilitate internal comparisons of our historical operating performance, which are used by management for business planning purposes, and also facilitates comparisons of our performance relative to that of our competitors. In addition, we believe these measures are widely used by investors and financial analysts as measures of our financial performance over time, and to compare our financial performance with that of other companies in our industry.



### Shentel's Vision:

Shentel will ensure that rural communities have access to the same level of telecommunication services as found anywhere else in the U.S.

### Shentel's Mission:

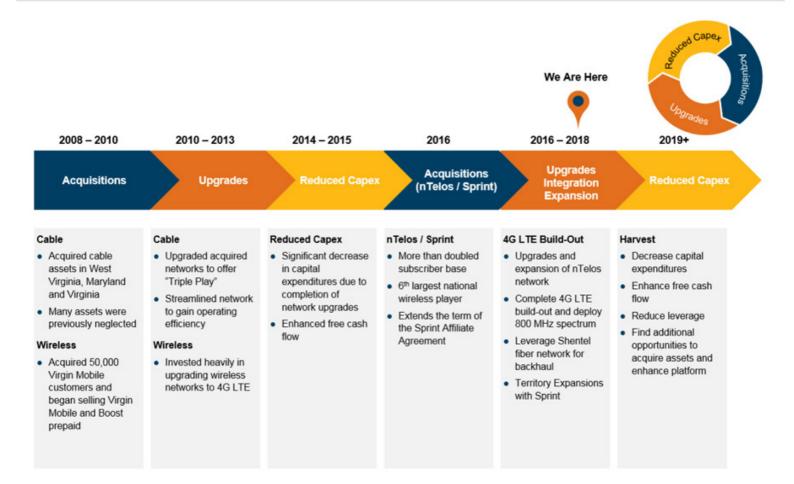
Shentel is committed to enriching the lives of the subscribers and customers we serve with the highest quality communications services by making major investments in technology, using innovative thinking and delivering high quality local customer service that makes using technology easy.



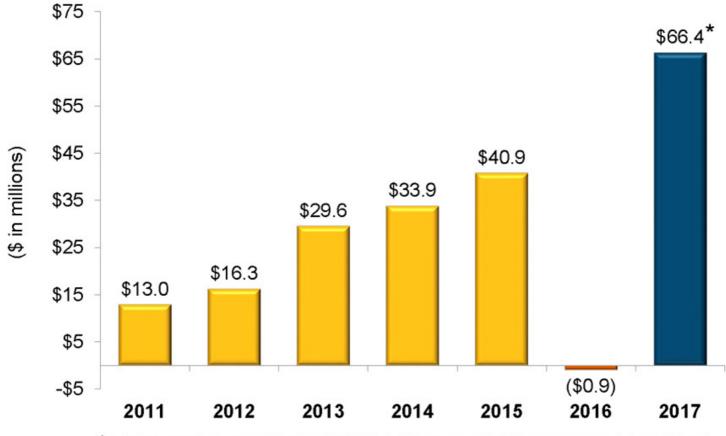
Providing a broad range of diversified telecommunications services to customers in the Mid-Atlantic United States and the exclusive personal communications service ("PCS") Affiliate of Sprint covering large portions of central and western Virginia, south-central Pennsylvania, West Virginia, and portions of Maryland, North Carolina, Kentucky, Tennessee and Ohio.

- Diverse Revenue Streams
  - 3 complementary revenue streams: Wireless, Cable and Wireline
- Tower Leasing Business Provides Steady Recurring Cash Flow
  - We own 192 towers with an average of 2.1 tenants each
- Fiber
  - We control 5,429 route miles of fiber; closed approximately \$24 million in new external fiber contracts during 2017.





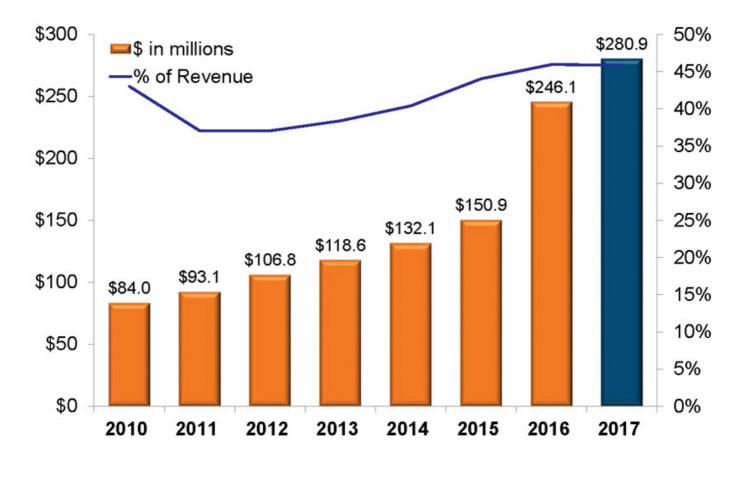




\* Includes a one-time non-cash tax benefit of \$53.4 million as a result of the remeasurement of our deferred tax assets and liabilities as of 12/31/17, in connection with the 2017 Tax Act.



## Adjusted OIBDA

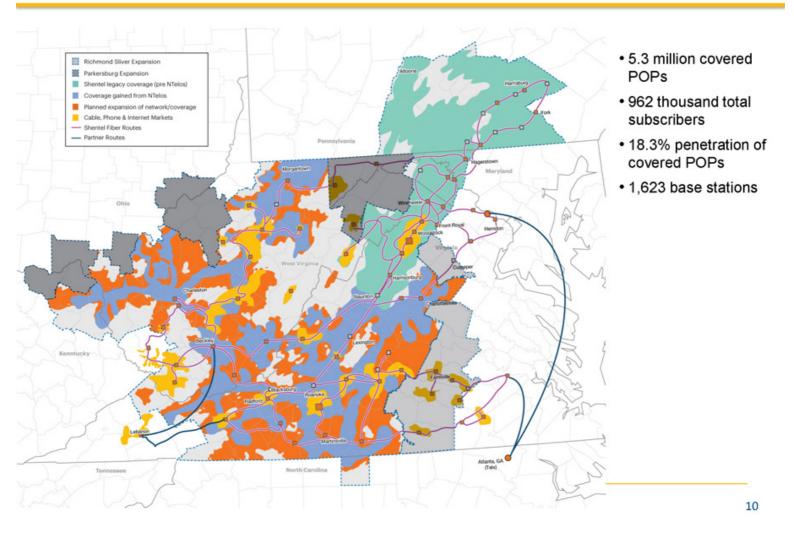




# WIRELESS SEGMENT

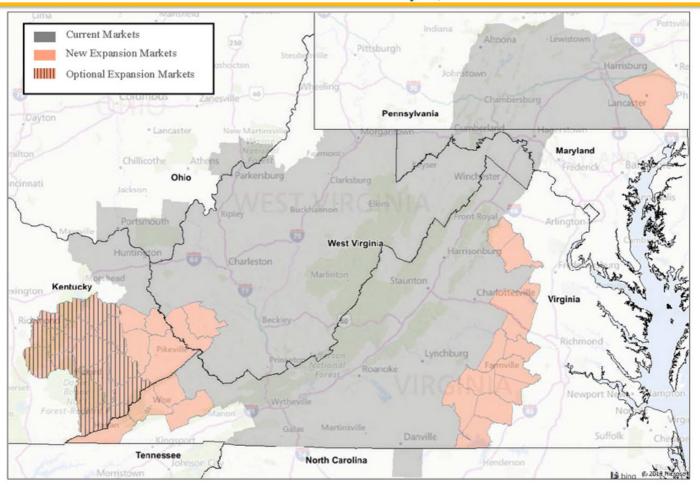


### Network Coverage Area

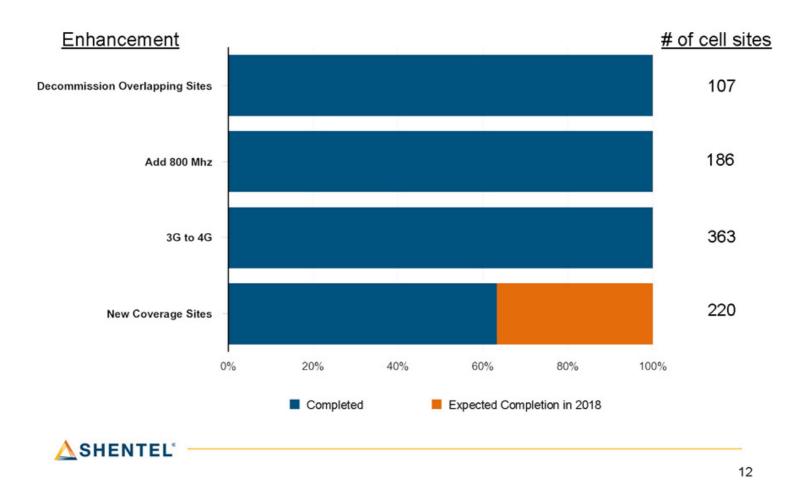




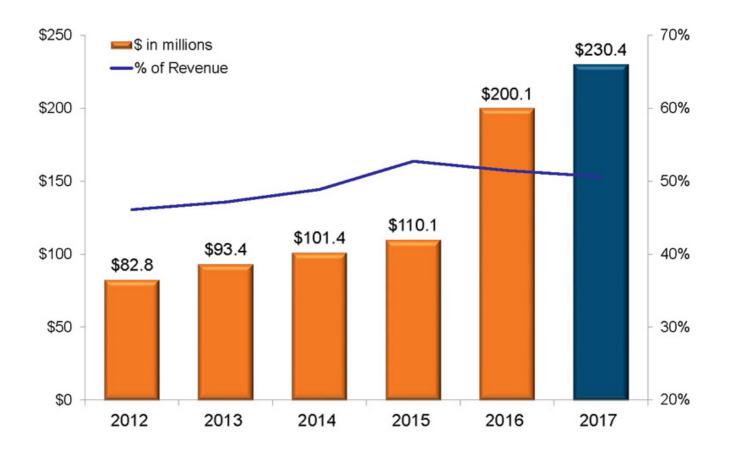
### Wireless Network Expansion Effective February 1,2018



### Wireless - Status of Network Enhancements Acquired nTelos Service Area

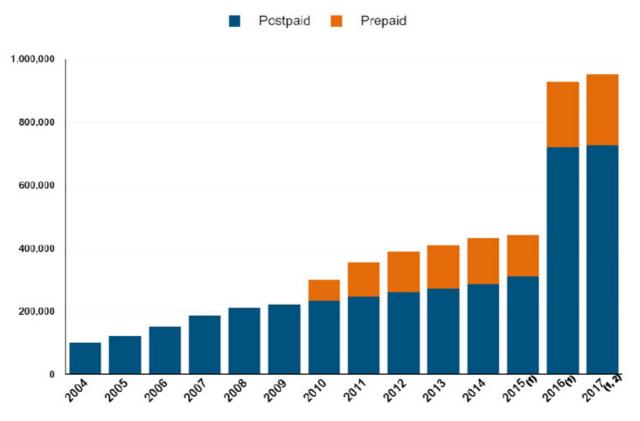


## **SHENTEL** Wireless Segment – Adjusted OIBDA





### Wireless - Subscriber Growth



(1) Prepaid totals in 2015, 2016, and 2017 were adjusted to exclude Lifeline subscribers.

(2) Includes approximately 19,000 postpaid and 4,500 prepaid customers acquired from Sprint on 4/6/17.



- Contract through 2029
- Two 10-year renewals
- Payment at termination of 90%
- Postpaid Sprint fees of 16.6% (Management: 8%; Service: 8.6%)
  - Management fee waived on a cash basis, expected to continue through 2022. Approximately \$256 million in total.



## Affiliate Terms

### SPRINT PROVIDES

### Management Fee

- Spectrum
- Brand
- National Platform
- Access to Sprint vendors

### Payment = 8% of Net Billings

### Net Service Fee

- Billing/Collections
- Customer Care
- Long Distance
- Equipment Financing

### Payment = 8.6% of Net Billings

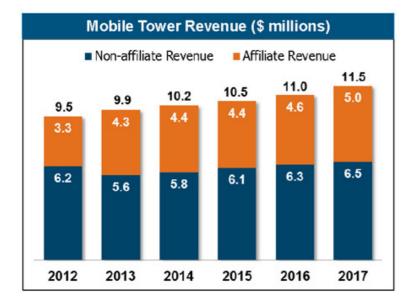
### SHENTEL PROVIDES

- Network (Towers, Cell Sites, Backhaul, Local Switch)
- Local Sales and Service
- Local Advertising & Promotions

Payment = 83.4% of Net Billings

**SHENTEL** Wireless - Mobile Tower Leasing

### Steady Recurring Cash Flow

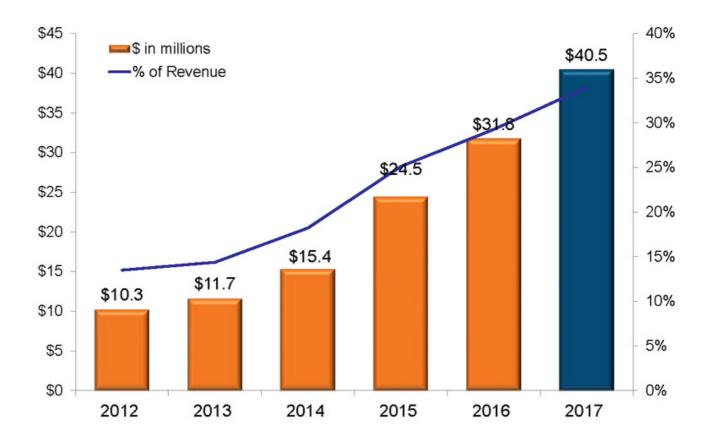


- Tower lease revenue of \$11.5 million in FY'17 with \$7.5 million of EBITDA
- Long-term opportunity to increase leasing revenues given growing demand for data
- Company owns 192 cell towers



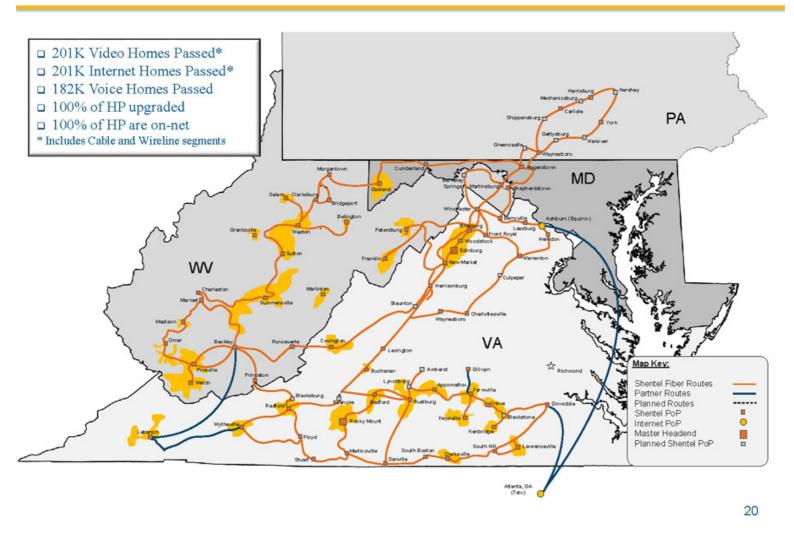
# CABLE SEGMENT







### Cable Network



## **SHENTEL** Cable Competitive Advantage

### **Customer Internet Selections**

25 mbps, 16%

10 mbps, 34%

50-101 mbps.

15%

5 mbps, 31%

### Shentel Cable

- Company leads with Broadband
- We own/control our backbone fiber network and our telephone switch
- Local/Regional focus

### Competitors

### Verizon/CenturyLink/Frontier

- DSL- slower service
- Requires significant capital expenditure to offer comparable service to Cable
- Loss of cash flow from shrinking voice service
- Bundling of satellite video with their voice and DSL

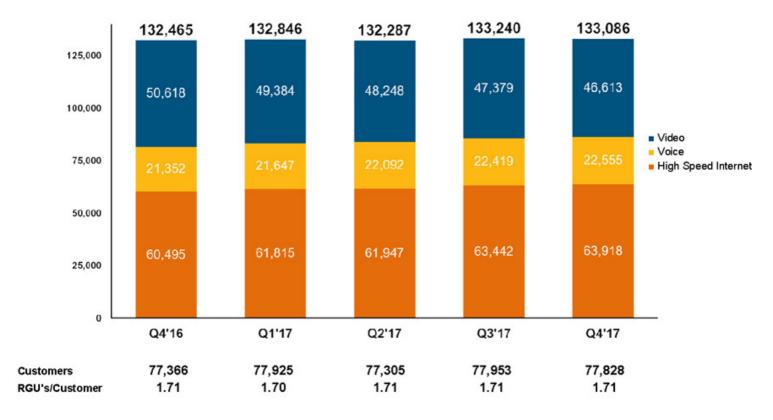
## Dish/DirecTV

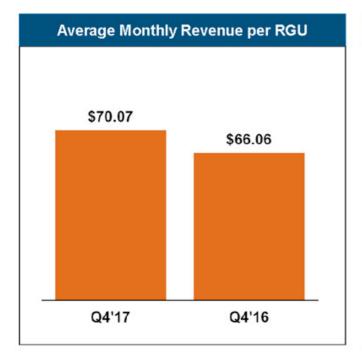
- Bundling of telco, DSL and voice with their video
- Satellite internet is fast but has limited capacity
- No local presence

150 mbps, 1%

3 mbps, 3%

## **SHENTEL** Cable - RGU Growth by Quarter









	<u>December</u> <u>31, 2010</u>	<u>December</u> <u>31, 2017*</u>	<u>Peer</u> Average	
Video				
Homes Passed	162,763	184,910		
Penetration	36.7%	25.2%	23.7%	
High-speed Internet				
Available Homes	144,099	184,910		
Penetration	22.1%	34.6%	36.5%	
Voice				
Available Homes	118,652	182,379		
Penetration	5.3%	12.4%	8.6%	

### Acquired Neglected Markets; Opportunity to Drive Higher Penetration

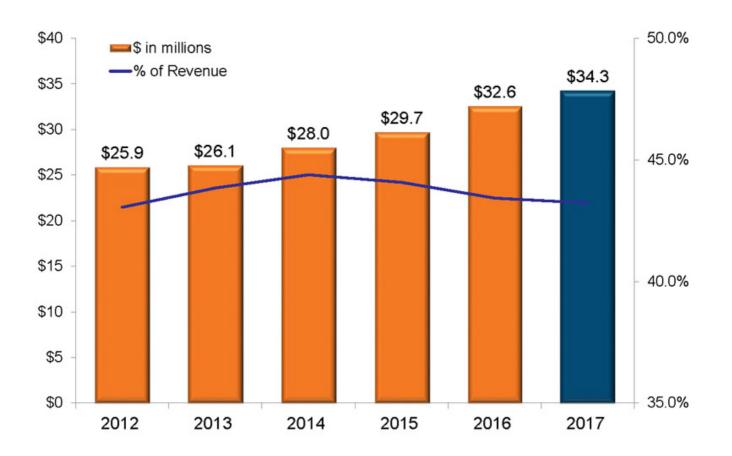
Peer Average information derived from SNL Kagan data as of 9/30/2017 for 10 comparably sized companies: Anne Arundel Broadband; Comporium Communications; Fidelity Communications Company; Hargray Cable; MetroCast Cablevision; Northland Cable; Schurz Communications, Inc.; Vast Broadband; WEHCO Video, Inc.; Zito Media

\*Excludes cable and internet customers reported through the Wireline segment.



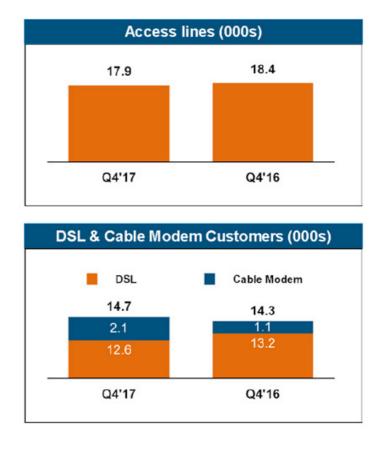
# WIRELINE SEGMENT

# **SHENTEL** Wireline Segment – Adjusted OIBDA



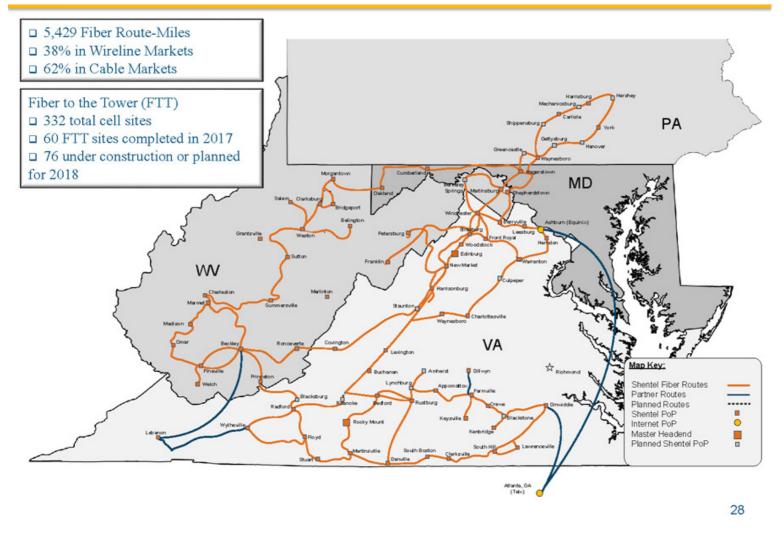
## **SHENTEL** Wireline - Key Operational Results

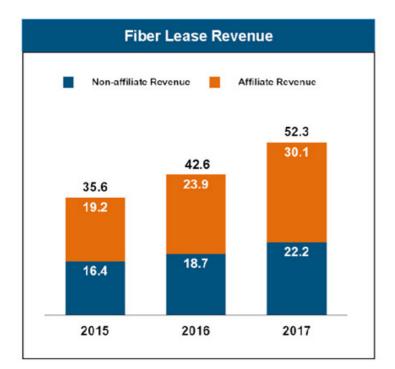
- Access line loss of 2.8%.
- Effective Q4'15, subscribers were offered a cable modem internet option up to 150 Mbps, without the need to subscribe to voice services.
- 5,019 video subscribers at December 31, 2017.





### **Fiber Network**







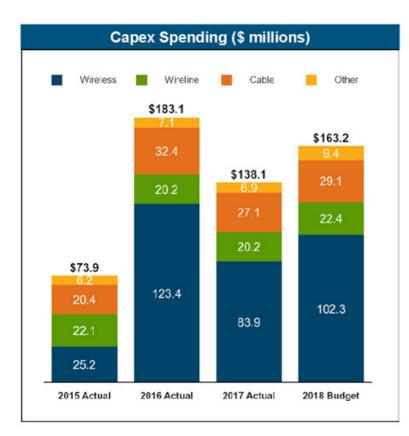
\* Estimated amounts represent the first 10 years of expected contract value. Contract Terms range from 36 to 120 months.



# **CAPITAL INVESTMENT**



### Capital Expenditures Investing in the Future



2018 Capex Budget:

- 52% Upgrades and Expansion of Acquired Territories
- 14% Network Maintenance
- 13% Success-Based
- 12% Network Capacity
  - 9% Network Expansion











### Adjusted OIBDA (\$ millions)

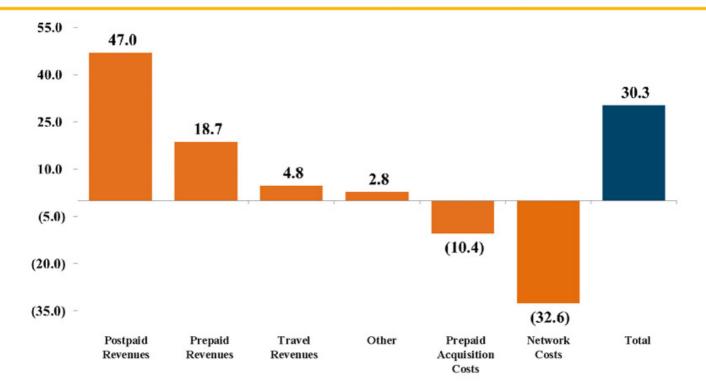
	For the Year Ended:					
	12/	31/2017	12	2/31/2016	Change (\$)	Change (%)
Operating income	\$	46.5	\$	22.5	24.0	107%
Plus Depreciation and amortization		177.0		143.7	33.3	23%
Plus (Gain) loss on asset sales		0.1		0.0	0.1	%
Plus Share based compensation		3.6		3.0	0.6	20%
Plus the benefit received from the waived management fee		36.1		24.6	11.5	47%
Plus amortization of intangibles netted in rent expense		1.5		0.7	0.8	114%
Plus temporary back office costs to support the billings operations through migration		6.5		13.8	(7.3)	(53)%
Less actuarial gains on pension plans		(1.4)		(4.5)	3.1	(69)%
Plus integration and acquisition related expenses		11.0		42.2	(31.2)	(74)%
Adjusted OIBDA	\$	280.9	\$	246.1	34.8	14%
Less waived management fee		(36.1)	_	(24.6)	(11.5)	47%
Continuing OIBDA	\$	244.8	\$	221.5	23.4	61 %



### Adjusted OIBDA by Segment (\$ millions)

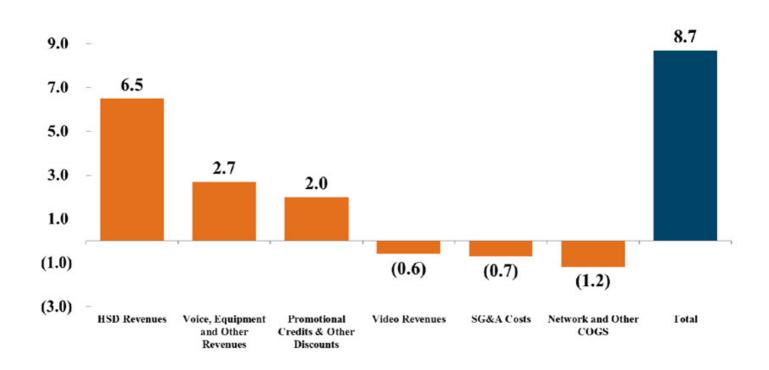
	Wir	eless	C	able	Wire	eline	Othe	r
	2017	2016	2017	2016	2017	2016	2017	2016
Operating income	\$ 34.1	\$ 26.2	\$ 15.8	\$ 7.0	\$ 21.0	\$ 20.5	\$ (24.4) \$	(31.2)
Plus Depreciation and amortization	139.6	107.6	24.0	23.9	12.8	11.7	0.6	0.4
Plus (Gain) loss on asset sales	0.2	_	(0.2)	0.1	0.1	_	0.1	
Plus Share based compensation	1.6	1.3	0.9	0.8	0.4	0.4	0.7	0.6
Plus the benefit received from the waived management fee	36.1	24.6	_	_			_	_
Plus amortization of intangibles netted in rent expense	1.5	0.7		_		_	_	_
Plus temporary back office costs to support the billings operations through migration	6.5	13.8	_	_	_	_	_	_
Less actuarial gains on pension plans		_	_	_	_		(1.4)	(4.5)
Plus integration and acquisition related expenses	10.8	25.9	_	_	_	_	0.2	16.3
Adjusted OIBDA	\$230.4	\$200.1	\$ 40.5	\$ 31.8	\$ 34.3	\$ 32.6	\$ (24.2) \$	(18.4)
Percent Change		15%		27%		5%		32%
Adjusted OIBDA Margin*	51%	54%	37%	33%	43%	43%	N/A	N/A

## Wireless Segment – Change in Adjusted OIBDA 2017 vs. 2016 (\$ millions)



**SHENTEL** 

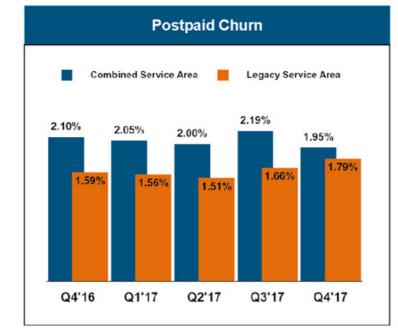
## Cable Segment – Change in Adjusted OIBDA 2017 vs. 2016 (\$ millions)

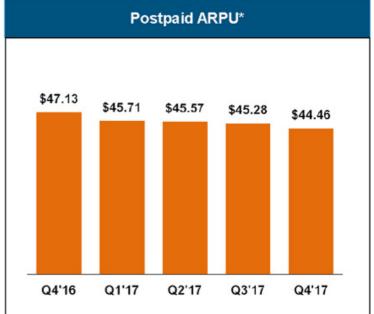


### **SHENTEL**



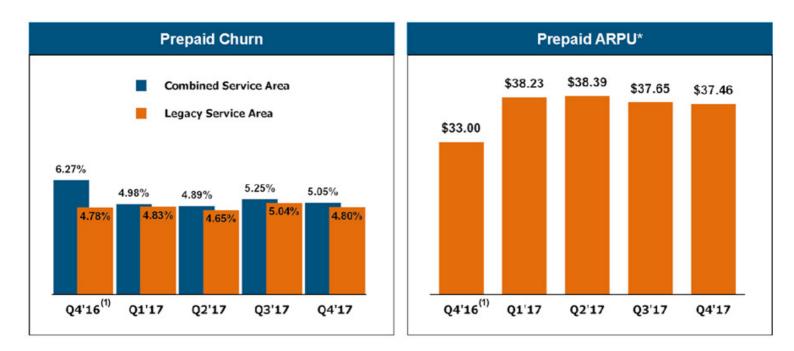
## SHENTEL Wireless - Postpaid Statistics





\*ARPU represents Average Revenue Per Unit. See Appendix for reconciliation of Wireless segment operating revenues to Postpaid ARPU.

# **SHENTEL** Wireless - Prepaid Statistics



(1) Prepaid subscribers reported in the Q4'16 and subsequent periods include the impact of a change in policy as to how long an inactive customer is included in the customer counts. This policy change, implemented in December 2016, effectively reduced prepaid customers by approximately 24 thousand.

\*ARPU represents Average Revenue Per User. See Appendix for reconciliation of Wireless segment operating revenues to Prepaid ARPU.

## **SHENTEL** Total Wireless Distribution

	December 31, 2017
<b>Company Owned Stores</b>	40
Agent Postpaid Stores	102
Nationals – Postpaid	65
Total Postpaid Stores	207
Agent Boost Stores	125
Nationals – Boost	276
Total Boost Stores	401