

TELEPHONE & DATA SYSTEMS INC /DE/  
Form 10-Q  
October 30, 2015

UNITED STATES

SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

FORM 10-Q

(Mark One)

QUARTERLY REPORT PURSUANT TO  
 SECTION 13 OR 15(d) OF THE SECURITIES  
EXCHANGE ACT OF 1934

For the quarterly period ended September 30, 2015

OR

TRANSITION REPORT PURSUANT TO  
 SECTION 13 OR 15(d) OF THE SECURITIES  
EXCHANGE ACT OF 1934

For the transition period from  
to

Commission file number 001-14157

TELEPHONE AND DATA SYSTEMS, INC.  
(Exact name of Registrant as specified in its charter)  
Delaware 36-2669023  
(State or other  
jurisdiction of (IRS Employer  
incorporation or Identification No.)  
organization)

30 North LaSalle Street, Suite 4000, Chicago, Illinois  
60602  
(Address of principal executive offices) (Zip code)

Registrant's telephone number, including area code:  
(312) 630-1900

Indicate by check mark Yes No  
• whether the registrant (1) has filed all reports    
required to be filed by Section 13 or 15(d) of  
the Securities Exchange Act of 1934 during  
the preceding 12 months (or for such shorter

period that the registrant was required to file such reports), and (2) has been subject to such filing requirements for the past 90 days.

- whether the registrant has submitted electronically and posted on its corporate Web site, if any, every Interactive Data File required to be submitted and posted pursuant to Rule 405 of Regulation S-T during the preceding 12 months (or for such shorter period that the registrant was required to submit and post such files).

- whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer or a smaller reporting company. See the definitions of “large accelerated filer,” “accelerated filer” and “smaller reporting company” in Rule 12b-2 of the Exchange Act.

Large accelerated filer  Accelerated filer  Non-accelerated filer  Smaller reporting company

- whether the registrant is a shell company (as defined in Rule 12b-2 of the Exchange Act).

Indicate the number of shares outstanding of each of the issuer's classes of common stock, as of the latest practicable date.

| Class                                    | Outstanding at September 30, 2015 |
|--|-----------------------------------|
| Common Shares, \$0.01 par value          | 101,556,713 Shares                |
| Series A Common Shares, \$0.01 par value | 7,204,168 Shares                  |



Telephone and Data Systems, Inc.

Quarterly Report on Form 10-Q  
For the Quarterly Period Ended September 30, 2015

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## Part I. Financial Information

## Item 1. Financial Statements

Telephone and Data Systems, Inc.

## Consolidated Statement of Operations

(Unaudited)

|   | Three Months Ended<br>September 30, |             | Nine Months Ended<br>September 30, |             |
|---|-------------------------------------|-------------|------------------------------------|-------------|
| (Dollars and<br>shares in<br>thousands, except<br>per share<br>amounts)                             | 2015                                | 2014        | 2015                               | 2014        |
| Operating<br>revenues   |                                     |             |                                    |             |
| Service   | \$1,137,767                         | \$1,081,472 | \$3,281,508                        | \$3,233,893 |
| Equipment and<br>product sales  | 236,031                             | 198,551     | 620,278                            | 478,484     |
| Total<br>operating<br>revenues  | 1,373,798                           | 1,280,023   | 3,901,786                          | 3,712,377   |
| Operating<br>expenses   |                                     |             |                                    |             |
| Cost of services<br>(excluding<br>Depreciation,<br>amortization<br>and accretion<br>reported below) | 303,091                             | 297,183     | 896,890                            | 859,629     |
| Cost of<br>equipment and<br>products  | 337,051                             | 349,209     | 907,482                            | 968,867     |
| Selling, general<br>and<br>administrative<br>Depreciation,<br>amortization and<br>accretion         | 449,084                             | 465,014     | 1,322,554                          | 1,399,585   |
|   | 210,764                             | 205,529     | 628,443                            | 635,015     |
|   | –                                   | 84,000      | –                                  | 84,000      |

|  |           |           |           |           |
|--|-----------|-----------|-----------|-----------|
| Loss on impairment of assets   |           |           |           |           |
| (Gain) loss on asset disposals, net  | 4,919     | 9,293     | 15,048    | 19,626    |
| (Gain) loss on sale of business and other exit costs, net                    | (559)     | (4,790)   | (129,931) | (9,079)   |
| (Gain) loss on license sales and exchanges, net                              | (23,986)  | –         | (146,884) | (91,446)  |
| Total operating expenses   | 1,280,364 | 1,405,438 | 3,493,602 | 3,866,197 |
| Operating income (loss)  | 93,434    | (125,415) | 408,184   | (153,820) |
| Investment and other income (expense)  |           |           |           |           |
| Equity in earnings of unconsolidated entities                                | 39,770    | 36,081    | 109,823   | 108,198   |
| Interest and dividend income   | 9,617     | 4,526     | 28,119    | 9,763     |
| Interest expense   | (35,043)  | (27,170)  | (102,792) | (83,775)  |
| Other, net   | (56)      | 69        | 142       | 279       |
| Total investment and other income  | 14,288    | 13,506    | 35,292    | 34,465    |
| Income (loss) before income taxes  | 107,722   | (111,909) | 443,476   | (119,355) |
| Income tax expense   | 45,327    | 9,290     | 178,780   | 7,276     |
| Net income (loss)  | 62,395    | (121,199) | 264,696   | (126,631) |
| Less: Net income (loss) attributable to noncontrolling interests, net of tax | 11,312    | (5,169)   | 44,827    | (6,817)   |
| Net income (loss) attributable to TDS shareholders                           | 51,083    | (116,030) | 219,869   | (119,814) |
|  | (12)      | (12)      | (37)      | (37)      |



|  |          |             |           |             |
|--|----------|-------------|-----------|-------------|
| TDS Preferred dividend requirement                                 |          |             |           |             |
| Net income (loss) available to common shareholders                 | \$51,071 | \$(116,042) | \$219,832 | \$(119,851) |
| Basic weighted average shares outstanding                          | 108,848  | 108,252     | 108,503   | 108,650     |
| Basic earnings (loss) per share attributable to TDS shareholders   | \$0.47   | \$(1.07)    | \$2.03    | \$(1.10)    |
| Diluted weighted average shares outstanding                        | 110,214  | 108,252     | 109,737   | 108,650     |
| Diluted earnings (loss) per share attributable to TDS shareholders | \$0.46   | \$(1.07)    | \$1.99    | \$(1.10)    |
| Dividends per share to TDS shareholders                            | \$0.141  | \$0.134     | \$0.423   | \$0.402     |

The accompanying notes are an integral part of these consolidated financial statements.

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Telephone and Data Systems, Inc.

Consolidated Statement of Comprehensive Income (Loss)

(Unaudited)

| (Dollars in thousands)   | Three Months Ended    |             | Nine Months Ended     |             |
|--|-----------------------|-------------|-----------------------|-------------|
|  | September 30,<br>2015 | 2014        | September 30,<br>2015 | 2014        |
| Net income (loss)  | \$62,395              | \$(121,199) | \$264,696             | \$(126,631) |
| Net change in accumulated other comprehensive income (loss)                                    |                       |             |                       |             |
| Change in net unrealized gain (loss) on equity investments                                     | –                     | –           | (353)                 | 341         |
| Change in foreign currency translation adjustment  | 23                    | 38          | 20                    | 17          |
| Change related to retirement plan amounts included in net periodic benefit cost for the period |                       |             |                       |             |
| Change in prior service cost   | (8,263)               | (911)       | (9,967)               | (2,733)     |
| Change in unrecognized net loss  | (1,124)               | 322         | (994)                 | 966         |
|  | (9,387)               | (589)       | (10,961)              | (1,767)     |
| Changes in deferred income taxes   | 3,550                 | 224         | 4,158                 | 671         |
| Change related to retirement plan, net of tax  | (5,837)               | (365)       | (6,803)               | (1,096)     |
| Net change in accumulated other comprehensive income (loss)                                    | (5,814)               | (327)       | (7,136)               | (738)       |
| Comprehensive income (loss)  | 56,581                | (121,526)   | 257,560               | (127,369)   |
| Less: Comprehensive income (loss) attributable to noncontrolling interest                      | 11,312                | (5,169)     | 44,827                | (6,817)     |
| Comprehensive income (loss) attributable to TDS shareholders                                   | \$45,269              | \$(116,357) | \$212,733             | \$(120,552) |

The accompanying notes are an integral part of these consolidated financial statements.



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Telephone and Data Systems, Inc.

## Consolidated Statement of Cash Flows

(Unaudited)

| (Dollars in thousands)  | Nine Months Ended     |             |
|---|-----------------------|-------------|
|   | September 30,<br>2015 | 2014        |
| Cash flows from operating activities                                  |                       |             |
| Net income (loss)   | \$264,696             | \$(126,631) |
| Add (deduct) adjustments to reconcile net income (loss) to cash flows |                       |             |
| from operating activities   |                       |             |
| Depreciation, amortization and accretion                              | 628,443               | 635,015     |
| Bad debts expense   | 83,368                | 79,218      |
| Stock-based compensation expense                                      | 28,961                | 25,715      |
| Deferred income taxes, net  | (39,516)              | (33,242)    |
| Equity in earnings of unconsolidated entities                         | (109,823)             | (108,198)   |
| Distributions from unconsolidated entities                            | 45,047                | 74,864      |
| Loss on impairment of assets  | –                     | 84,000      |
| (Gain) loss on asset disposals, net                                   | 15,048                | 19,626      |
| (Gain) loss on sale of business and other exit costs, net             | (129,931)             | (9,079)     |
| (Gain) loss on license sales and exchanges, net                       | (146,884)             | (91,446)    |
| Noncash interest expense  | 2,058                 | 1,584       |
| Other operating activities  | (701)                 | 13          |
| Changes in assets and liabilities from operations                     |                       |             |
| Accounts receivable   | (93,540)              | 70,653      |
| Equipment installment plans receivable                                | (95,799)              | (131,520)   |
| Inventory   | 89,821                | 52,078      |
| Accounts payable  | 125,123               | 11,034      |
| Customer deposits and deferred revenues                               | (49,970)              | 28,684      |
| Accrued taxes   | 211,803               | 14,307      |
| Accrued interest  | 10,798                | 9,105       |
| Other assets and liabilities  | (112,084)             | (109,569)   |
|   | 726,918               | 496,211     |
| Cash flows from investing activities                                  |                       |             |
| Cash used for additions to property, plant and equipment              | (558,112)             | (553,718)   |
| Cash paid for acquisitions and licenses                               | (286,710)             | (284,089)   |
| Cash received from divestitures and exchanges                         | 324,772               | 151,369     |
| Cash received for investments   | –                     | 10,000      |
| Other investing activities  | 6,338                 | 5,598       |
|   | (513,712)             | (670,840)   |
| Cash flows from financing activities                                  |                       |             |
| Issuance of long-term debt  | 225,000               | –           |

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|   |           |           |
|---|-----------|-----------|
| Repayment of long-term debt   | (615)     | (819)     |
| TDS Common Shares reissued for benefit plans, net of tax payments           | 11,409    | 486       |
| U.S. Cellular Common Shares reissued for benefit plans, net of tax payments | (868)     | 1,150     |
| Repurchase of TDS Common Shares   | –         | (31,293)  |
| Repurchase of U.S. Cellular Common Shares                                   | (4,070)   | (14,698)  |
| Dividends paid to TDS shareholders  | (45,859)  | (43,575)  |
| Payment of debt issuance costs  | (3,101)   | (1,019)   |
| Distributions to noncontrolling interests                                   | (6,097)   | (439)     |
| Other financing activities  | 4,519     | 7,889     |
|   | 180,318   | (82,318)  |
| Net increase (decrease) in cash and cash equivalents                        | 393,524   | (256,947) |
| Cash and cash equivalents   |           |           |
| Beginning of period   | 471,901   | 830,014   |
| End of period   | \$865,425 | \$573,067 |

The accompanying notes are an integral part of these consolidated financial statements.

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Telephone and Data Systems, Inc.

Consolidated Balance Sheet — Assets

(Unaudited)

|   | September<br>30,<br>2015 | December<br>31,<br>2014 |
|---|--------------------------|-------------------------|
| (Dollars in thousands)  |                          |                         |
| Current assets  |                          |                         |
| Cash and cash equivalents   | \$865,425                | \$471,901               |
| Accounts receivable   |                          |                         |
| Due from customers and agents, less allowances of \$45,565 and \$41,431, respectively | 672,845                  | 548,537                 |
| Other, less allowances of \$1,268 and \$1,141, respectively                           | 102,684                  | 135,144                 |
| Inventory, net  | 183,884                  | 273,707                 |
| Net deferred income tax asset   | 98,343                   | 107,686                 |
| Prepaid expenses  | 119,453                  | 86,506                  |
| Income taxes receivable   | —                        | 113,708                 |
| Other current assets  | 30,425                   | 29,766                  |
|   | 2,073,059                | 1,766,955               |
| Assets held for sale  | 9,018                    | 103,343                 |

|   |             |             |
|---|-------------|-------------|
| Investments   |             |             |
| Licenses  | 1,844,197   | 1,453,574   |
| Goodwill  | 765,773     | 771,352     |
| Franchise rights  | 244,300     | 244,300     |
| Other intangible assets, net of accumulated amortization of \$143,286 and \$133,823, respectively | 50,923      | 64,499      |
| Investments in unconsolidated entities  | 386,153     | 321,729     |
| Other investments   | 445         | 508         |
|   | 3,291,791   | 2,855,962   |
| Property, plant and equipment   |             |             |
| In service and under construction   | 11,307,122  | 11,194,044  |
| Less:   |             |             |
| Accumulated depreciation  | 7,600,435   | 7,347,919   |
|   | 3,706,687   | 3,846,125   |
| Other assets and deferred charges   | 236,803     | 334,554     |
| Total assets  | \$9,317,358 | \$8,906,939 |

The accompanying notes are an integral part of these consolidated financial statements.

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Telephone and Data Systems, Inc.

## Consolidated Balance Sheet — Liabilities and Equity

(Unaudited)

|  | September<br>30,<br>2015 | December<br>31,<br>2014 |
|--|--------------------------|-------------------------|
| (Dollars and shares in thousands)  |                          |                         |
| <b>Current liabilities</b>   |                          |                         |
| Current portion of long-term debt  | \$9,102                  | \$808                   |
| Accounts payable   | 433,620                  | 387,125                 |
| Customer deposits and deferred revenues  | 274,293                  | 324,318                 |
| Accrued interest   | 18,714                   | 7,919                   |
| Accrued taxes  | 143,082                  | 46,734                  |
| Accrued compensation   | 98,134                   | 114,549                 |
| Other current liabilities  | 105,625                  | 181,803                 |
|  | 1,082,570                | 1,063,256               |
| <b>Liabilities held for sale</b>   | 687                      | 21,643                  |
| <b>Deferred liabilities and credits</b>  |                          |                         |
| Net deferred income tax liability  | 888,499                  | 941,519                 |
| Other deferred liabilities and credits   | 431,874                  | 430,774                 |
| <b>Long-term debt</b>  | 2,209,992                | 1,993,586               |
| <b>Commitments and contingencies</b>   |                          |                         |
| <b>Noncontrolling interests with redemption features</b>                             | 910                      | 1,150                   |
| <b>Equity</b>  |                          |                         |
| TDS shareholders' equity   |                          |                         |
| Series A Common and Common Shares  |                          |                         |
| Authorized 290,000 shares (25,000 Series A Common and 265,000 Common Shares)         |                          |                         |
| Issued 132,774 shares (7,204 Series A Common and 125,570 Common Shares) and          |                          |                         |
| 132,749 shares (7,179 Series A Common and 125,570 Common Shares), respectively       |                          |                         |
| Outstanding 108,760 shares (7,204 Series A Common and 101,556 Common Shares) and     |                          |                         |
| 107,899 shares (7,179 Series A Common and 100,720 Common Shares), respectively       |                          |                         |
| Par Value (\$.01 per share) \$1,327 (\$72 Series A Common and \$1,255 Common Shares) | 1,327                    | 1,327                   |
| Capital in excess of par value   | 2,353,054                | 2,336,511               |
| Treasury shares at cost:   |                          |                         |
| 24,014 and 24,850 Common Shares, respectively  | (731,224)                | (748,199)               |
| Accumulated other comprehensive income (loss)  | (684)                    | 6,452                   |



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|                                |             |             |
|--------------------------------|-------------|-------------|
| Retained earnings              | 2,503,825   | 2,330,187   |
| Total TDS shareholders' equity | 4,126,298   | 3,926,278   |
| Preferred shares               | 824         | 824         |
| Noncontrolling interests       | 575,704     | 527,909     |
| Total equity                   | 4,702,826   | 4,455,011   |
| Total liabilities and equity   | \$9,317,358 | \$8,906,939 |

The accompanying notes are an integral part of these consolidated financial statements.

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Telephone and Data Systems, Inc.

Consolidated Statement of Changes in Equity

(Unaudited)

| (Dollars in thousands)      | TDS Shareholders Series A Common and Common |              | Capital in excess of Treasury shares | Accumulated other comprehensive income (loss) |                  | Retained earnings | Total TDS                |              |              |
|-----------------------------|---|--------------|--------------------------------------|---|------------------|-------------------|--------------------------|--------------|--------------|
|                             | shares                                      | par value    |                                      | shareholders' equity                          | Preferred shares |                   | Noncontrolling interests | Total equity |              |
| December 31, 2014           | \$ 1,327                                    | \$ 2,336,511 | \$(748,199)                          | \$ 6,452                                      | \$ 2,330,187     | \$ 3,926,278      | \$ 824                   | \$ 527,909   | \$ 4,455,011 |
| Add (Deduct)                |   |              |                                      |   |                  |                   |                          |              |              |
| Net income attributable to  | –   | –            | –                                    | –   | 219,869          | 219,869           | –                        | –            | 219,869      |
| TDS shareholders            |   |              |                                      |   |                  |                   |                          |              |              |
| Net income attributable     |   |              |                                      |   |                  |                   |                          |              |              |
| to noncontrolling interests | –   | –            | –                                    | –   | –                | –                 | –                        | 39,407       | 39,407       |
| classified as equity        |   |              |                                      |   |                  |                   |                          |              |              |
| Net unrealized loss         | –   | –            | –                                    | (353)   | –                | (353)             | –                        | –            | (353)        |
| on equity investments       |   |              |                                      |   |                  |                   |                          |              |              |
| Change in foreign currency  | –   | –            | –                                    | 20  | –                | 20                | –                        | –            | 20           |

|  |          |              |              |          |              |              |        |            |              |
|--|----------|--------------|--------------|----------|--------------|--------------|--------|------------|--------------|
| translation<br>adjustment<br>Change related<br>to retirement                     | –        | –            | –            | (6,803)  | –            | (6,803)      | –      | –          | (6,803)      |
| plan<br>TDS Common<br>and Series A   |          |              |              |          |              |              |        |            |              |
| Common<br>share<br>dividends<br>TDS Preferred<br>dividend                        | –        | –            | –            | –        | (45,822)     | (45,822)     | –      | –          | (45,822)     |
| requirement<br>Dividend<br>reinvestment<br>plan<br>Incentive and<br>compensation | –        | 2,321        | 6,315        | –        | –            | 8,636        | –      | –          | 8,636        |
| plans<br>Adjust<br>investment in<br><br>subsidiaries<br>for<br>repurchases,      | –        | 1,361        | 10,660       | –        | (372)        | 11,649       | –      | –          | 11,649       |
| issuances and<br>other<br>compensation   | –        | 1,889        | –            | –        | –            | 1,889        | –      | 8,825      | 10,714       |
| plans<br>Stock-based<br>compensation   | –        | 11,122       | –            | –        | –            | 11,122       | –      | –          | 11,122       |
| awards<br>Tax windfall<br>(shortfall) from                                       | –        | (150)        | –            | –        | –            | (150)        | –      | –          | (150)        |
| stock awards<br>Distributions<br>to  | –        | –            | –            | –        | –            | –            | –      | (437)      | (437)        |
| noncontrolling<br>interests<br>September 30,<br>2015                             | \$ 1,327 | \$ 2,353,054 | \$ (731,224) | \$ (684) | \$ 2,503,825 | \$ 4,126,298 | \$ 824 | \$ 575,704 | \$ 4,702,826 |

The accompanying notes are an integral part of these consolidated financial statements.

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Telephone and Data Systems, Inc.

## Consolidated Statement of Changes in Equity

(Unaudited)

| (Dollars in thousands)            | TDS Shareholders Series A Common and Common |              | Capital in excess of par value | Treasury shares | Accumulated other comprehensive income (loss) |              | Retained earnings | Total TDS shareholders' equity |            | Preferred shares | Noncontrolling interests | Total equity |
|-----------------------------------|---|--------------|--------------------------------|-----------------|---|--------------|-------------------|--------------------------------|------------|------------------|--------------------------|--------------|
|                                   | shares                                      | par value    |                                |                 | income  | loss         |                   | equity                         | equity     |                  |                          |              |
| December 31, 2013                 | \$ 1,327                                    | \$ 2,308,807 |                                | \$(721,354)     | \$(569)                                       | \$ 2,529,626 | \$ 4,117,837      | \$ 824                         | \$ 551,436 |                  |                          | \$ 4,670,097 |
| Add (Deduct)                      |   |              |                                |                 |   |              |                   |                                |            |                  |                          |              |
| Net loss attributable to          | –   | –            | –                              | –               | –   | (119,814)    | (119,814)         | –                              | –          | –                | –                        | (119,814)    |
| TDS shareholders                  |   |              |                                |                 |   |              |                   |                                |            |                  |                          |              |
| Net loss attributable             |   |              |                                |                 |   |              |                   |                                |            |                  |                          |              |
| to noncontrolling interests       | –   | –            | –                              | –               | –   | –            | –                 | –                              | (7,209)    | –                | (7,209)                  | (7,209)      |
| classified as equity              |   |              |                                |                 |   |              |                   |                                |            |                  |                          |              |
| Net unrealized gain               | –   | –            | –                              | –               | 341   | –            | 341               | –                              | –          | –                | –                        | 341          |
| on equity investments             |   |              |                                |                 |   |              |                   |                                |            |                  |                          |              |
| Change in foreign currency        | –   | –            | –                              | –               | 17  | –            | 17                | –                              | –          | –                | –                        | 17           |
| translation adjustment            |   |              |                                |                 |   |              |                   |                                |            |                  |                          |              |
| Change related to retirement plan | –   | –            | –                              | –               | (1,096)                                       | –            | (1,096)           | –                              | –          | –                | –                        | (1,096)      |

|   |          |              |              |            |              |              |        |            |              |
|---|----------|--------------|--------------|------------|--------------|--------------|--------|------------|--------------|
| TDS Common and Series A   |          |              |              |            |              |              |        |            |              |
| Common share dividends  | –        | –            | –            | –          | (43,538)     | (43,538)     | –      | –          | (43,538)     |
| TDS Preferred dividend requirement  | –        | –            | –            | –          | (37)         | (37)         | –      | –          | (37)         |
| Repurchase of Common shares   | –        | –            | (31,794)     | –          | –            | (31,794)     | –      | –          | (31,794)     |
| Dividend reinvestment plan  | –        | 2,119        | 5,268        | –          | –            | 7,387        | –      | –          | 7,387        |
| Incentive and compensation plans  | –        | (303)        | 1,220        | –          | –            | 917          | –      | –          | 917          |
| Adjust investment in subsidiaries for repurchases, issuances and other compensation plans | –        | 9,831        | –            | –          | –            | 9,831        | –      | (9,004)    | 827          |
| Stock-based compensation awards   | –        | 9,821        | –            | –          | –            | 9,821        | –      | –          | 9,821        |
| Tax windfall (shortfall) from stock awards  | –        | (601)        | –            | –          | –            | (601)        | –      | –          | (601)        |
| Distributions to noncontrolling interests   | –        | –            | –            | –          | –            | –            | –      | (517)      | (517)        |
| September 30, 2014  | \$ 1,327 | \$ 2,329,674 | \$ (746,660) | \$ (1,307) | \$ 2,366,237 | \$ 3,949,271 | \$ 824 | \$ 534,706 | \$ 4,484,801 |

The accompanying notes are an integral part of these consolidated financial statements.



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Telephone and Data Systems, Inc.

Notes to Consolidated Financial Statements

1. Basis of Presentation

The accounting policies of Telephone and Data Systems, Inc. (“TDS”) conform to accounting principles generally accepted in the United States of America (“GAAP”) as set forth in the Financial Accounting Standards Board (“FASB”) Accounting Standards Codification (“ASC”). The consolidated financial statements include the accounts of TDS and subsidiaries in which it has a controlling financial interest, including TDS’ 84%-owned wireless telephone subsidiary, United States Cellular Corporation (“U.S. Cellular”) and TDS’ wholly-owned subsidiary, TDS Telecommunications Corporation (“TDS Telecom”). In addition, the consolidated financial statements include certain entities in which TDS has a variable interest that require consolidation under GAAP. All material intercompany accounts and transactions have been eliminated. Certain prior year amounts have been reclassified to conform to the 2015 presentation.

The unaudited consolidated financial statements included herein have been prepared by TDS pursuant to the rules and regulations of the Securities and Exchange Commission (“SEC”). Certain information and disclosures normally included in financial statements prepared in accordance with GAAP have been condensed or omitted pursuant to such rules and regulations. However, TDS believes that the disclosures included herein are adequate to make the information presented not misleading. These unaudited consolidated financial statements should be read in conjunction with the consolidated financial statements and the notes thereto included in TDS’ Annual Report on Form 10-K (“Form 10-K”) for the year ended December 31, 2014.

TDS’ business segments reflected in this Quarterly Report on Form 10-Q for the period ended September 30, 2015 are U.S. Cellular, TDS Telecom’s Wireline, Cable, and Hosted and Managed Services (“HMS”) operations. TDS’ non-reportable other business activities are presented as “Corporate, Eliminations and Other”, which includes the operations of TDS’ wholly-owned subsidiaries Suttle-Straus, Inc. (“Suttle-Straus”) and Airadigm Communications, Inc. (“Airadigm”). Suttle-Straus and Airadigm’s financial results were not significant to TDS’ operations. All of TDS’ segments operate only in the United States, except for HMS, which includes an insignificant foreign operation. See Note 13 — Business Segment Information for summary financial information on each business segment.

The accompanying unaudited consolidated financial statements contain all adjustments (consisting of normal recurring items, unless otherwise disclosed) necessary for a fair statement of the financial position as of September 30, 2015 and December 31, 2014, and the results of operations and changes in comprehensive income for the three and nine months ended September 30, 2015 and 2014 and cash flows and changes in equity for the nine months ended September 30, 2015 and 2014. These results are not necessarily indicative of the results to be expected for the full year.



## Recently Issued Accounting Pronouncements

In May 2014, the FASB issued Accounting Standards Update 2014-09, Revenue from Contracts with Customers (“ASU 2014-09”). ASU 2014-09 outlines a single comprehensive model to use in accounting for revenue arising from contracts with customers. In August 2015, the FASB issued Accounting Standards Update 2015-14, Revenue from Contracts with Customers: Deferral of the Effective Date, requiring the adoption of ASU 2014-09 on January 1, 2018. Early adoption as of January 1, 2017 is permitted; however, TDS does not intend to adopt early. TDS is evaluating the effects that adoption of ASU 2014-09 will have on its financial position, results of operations, and disclosures.

In August 2014, the FASB issued Accounting Standards Update 2014-15, Disclosure of Uncertainties about an Entity’s Ability to Continue as a Going Concern (“ASU 2014-15”). ASU 2014-15 requires TDS to assess its ability to continue as a going concern each interim and annual reporting period and provide certain disclosures if there is substantial doubt about the entity’s ability to continue as a going concern, including management’s plan to alleviate the substantial doubt. TDS is required to adopt the provisions of ASU 2014-15 for the annual period ending December 31, 2016, but early adoption is permitted. The adoption of ASU 2014-15 will not impact TDS’ financial position or results of operations but may impact future disclosures.

In February 2015, the FASB issued Accounting Standards Update 2015-02, Consolidation: Amendments to the Consolidation Analysis (“ASU 2015-02”). ASU 2015-02 simplifies consolidation accounting by reducing the number of consolidation models. Additionally, ASU 2015-02 changes certain criteria for identifying variable interest entities. TDS is required to adopt the provisions of ASU 2015-02 effective January 1, 2016. Early adoption is permitted. TDS expects that certain consolidated subsidiaries that are not defined as variable interest entities under current accounting guidance will be defined as variable interest entities under the provisions of ASU 2015-02. However, TDS does not expect the adoption of ASU 2015-02 to change the group of entities which TDS is required to consolidate in its financial statements. Accordingly, TDS does not expect the adoption of ASU 2015-02 to impact its financial position or results of operations. However, additional disclosures are expected.

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In April 2015, the FASB issued Accounting Standards Update 2015-03, Simplifying the Presentation of Debt Issuance Costs (“ASU 2015-03”), which requires certain debt issuance costs to be presented in the balance sheet as an offset to the related debt obligation. TDS is required to apply the provisions of this update effective January 1, 2016 on a retrospective basis. Early adoption is permitted. In August 2015, the FASB issued Accounting Standards Update 2015-15, Presentation and Subsequent Measurement of Debt Issuance Costs Associated with Line-of-Credit Arrangements, excluding debt issuance costs related to line-of-credit arrangements from the scope of ASU 2015-03. As of September 30, 2015, TDS had \$54.7 million in debt issuance costs classified as Other assets and deferred charges that, upon adoption of ASU 2015-03, would be reclassified as an offset to Long-term debt.

In July 2015, the FASB issued Accounting Standards Update 2015-11, Inventory: Simplifying the Measurement of Inventory (“ASU 2015-11”), which requires inventory to be measured at the lower of cost or net realizable value. TDS is required to adopt ASU 2015-11 on January 1, 2017. Early adoption is permitted. TDS is evaluating the effects that adoption of ASU 2015-11 will have on its financial position and results of operations.

In September 2015, the FASB issued Accounting Standards Update 2015-16, Business Combinations: Simplifying the Accounting for Measurement-Period Adjustments (“ASU 2015-16”). ASU 2015-16 simplifies how adjustments are made to provisional amounts recognized in a business combination during the measurement period. TDS is required to adopt ASU 2015-16 on January 1, 2016. TDS is evaluating the effects that adoption of ASU 2015-16 will have on its financial position, results of operations, and disclosures.

### Amounts Collected from Customers and Remitted to Governmental Authorities

TDS records amounts collected from customers and remitted to governmental authorities net within a tax liability account if the tax is assessed upon the customer and TDS merely acts as an agent in collecting the tax on behalf of the imposing governmental authority. If the tax is assessed upon TDS, then amounts collected from customers as recovery of the tax are recorded in Service revenues and amounts remitted to governmental authorities are recorded in Selling, general and administrative expenses in the Consolidated Statement of Operations. The amounts recorded gross in revenues that are billed to customers and remitted to governmental authorities totaled \$23.8 million and \$75.4 million for the three and nine months ended September 30, 2015, respectively, and \$26.4 million and \$86.5 million for the three and nine months ended September 30, 2014, respectively.

## 2. Fair Value Measurements

As of September 30, 2015 and December 31, 2014, TDS did not have any financial or nonfinancial assets or liabilities that were required to be recorded at fair value in its Consolidated Balance Sheet in accordance with GAAP.

The provisions of GAAP establish a fair value hierarchy that contains three levels for inputs used in fair value measurements. Level 1 inputs include quoted market prices for identical assets or liabilities in active markets. Level 2 inputs include quoted market prices for similar assets and liabilities in active markets or quoted market prices for identical assets and liabilities in inactive markets. Level 3 inputs are unobservable. A financial instrument’s level within the fair value hierarchy is based on the lowest level of any input that is significant to the fair value measurement. A financial instrument’s level within the fair value hierarchy is not representative of its expected performance or its overall risk profile and, therefore, Level 3 assets are not necessarily higher risk than Level 2 or Level 1 assets.

TDS has applied the provisions of fair value accounting for purposes of computing the fair value of financial instruments for disclosure purposes as displayed below.

|                           | Level within the Fair Value Hierarchy | September 30, 2015 |            | December 31, 2014 |            |
|---------------------------|---------------------------------------|--------------------|------------|-------------------|------------|
|                           |                                       | Book Value         | Fair Value | Book Value        | Fair Value |
| (Dollars in thousands)    |                                       |                    |            |                   |            |
| Cash and cash equivalents | 1                                     | \$865,425          | \$865,425  | \$471,901         | \$471,901  |
| Long-term debt            |                                       |                    |            |                   |            |
| Retail                    | 2                                     | 1,453,250          | 1,460,294  | 1,453,250         | 1,414,105  |
| Institutional             | 2                                     | 532,940            | 489,373    | 532,722           | 513,647    |
| Other                     | 2                                     | 220,922            | 221,538    | 4,749             | 4,675      |

The fair value of Cash and cash equivalents approximates the book value due to the short-term nature of these financial instruments. Long-term debt excludes capital lease obligations and the current portion of Long-term debt. The fair value of "Retail" Long-term debt was estimated using market prices for TDS' 7.0% Senior Notes, 6.875% Senior Notes, 6.625% Senior Notes and 5.875% Senior Notes, and U.S. Cellular's 6.95% Senior Notes and 7.25% Senior Notes. TDS' "Institutional" debt

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consists of U.S. Cellular's 6.7% Senior Notes which are traded over the counter. TDS' "Other" debt consists of a senior term loan credit facility and other borrowings with financial institutions. TDS estimated the fair value of its Institutional and Other debt through a discounted cash flow analysis using the interest rates or estimated yield to maturity for each borrowing, which ranged from 0.00% to 7.73% and 0.00% to 7.25% at September 30, 2015 and December 31, 2014, respectively.

### 3. Equipment Installment Plans

TDS offers customers the option to purchase certain devices under an equipment installment contract over a period of up to 24 months. Under certain equipment installment plans, the customer has the right to upgrade to a new device after a specified period of time and have the remaining unpaid equipment installment contract balance waived, subject to certain conditions, including trading in the original device in good working condition and signing a new equipment installment contract. TDS values this trade-in right as a guarantee liability. The guarantee liability is initially measured at fair value and is determined based on assumptions including the probability and timing of the customer upgrading to a new device and the fair value of the device being traded-in at the time of trade-in. As of September 30, 2015 and December 31, 2014, the guarantee liability related to these plans was \$91.3 million and \$57.5 million, respectively, and is reflected in Customer deposits and deferred revenues in the Consolidated Balance Sheet.

TDS equipment installment plans do not provide for explicit interest charges. For equipment installment plans with a duration of greater than twelve months, TDS imputes interest.

The following table summarizes unbilled equipment installment plan receivables as of September 30, 2015 and December 31, 2014. Such amounts are included in the Consolidated Balance Sheet as Accounts receivable – customers and agents (short-term portion) and Other assets and deferred charges (long-term portion).

| (Dollars in thousands)   | September 30, 2015 | December 31, 2014 |
|--|--------------------|-------------------|
| Short-term portion of unbilled equipment installment plan receivables, gross | \$245,218          | \$127,400         |
| Short-term portion of unbilled deferred interest                             | (18,504)           | (16,365)          |
| Short-term portion of unbilled allowance for credit losses                   | (9,326)            | (3,686)           |
|  | \$217,388          | \$107,349         |
| Short-term   |                    |                   |

portion of  
unbilled  
equipment  
installment  
plan  
receivables,  
net

|  |          |          |
|--|----------|----------|
| Long-term<br>portion of<br>unbilled<br>equipment<br>installment<br>plan<br>receivables,<br>gross | \$66,512 | \$89,435 |
|--|----------|----------|

|   |       |         |
|---|-------|---------|
| Long-term<br>portion of<br>unbilled<br>deferred<br>interest | (819) | (2,791) |
|---|-------|---------|

|  |         |         |
|--|---------|---------|
| Long-term<br>portion of<br>unbilled<br>allowance<br>for credit<br>losses | (4,740) | (6,065) |
|--|---------|---------|

|  |          |          |
|--|----------|----------|
| Long-term<br>portion of<br>unbilled<br>equipment<br>installment<br>plan<br>receivables,<br>net | \$60,953 | \$80,579 |
|--|----------|----------|

TDS assesses the collectability of equipment installment plan receivables based on historical payment experience, account aging and other qualitative factors. To mitigate credit risk, TDS requires certain customers who desire to purchase equipment under an installment plan to make a down payment.

TDS recorded out-of-period adjustments during the nine months ended September 30, 2015 due to errors related to equipment installment plan transactions that were attributable to 2014. TDS has determined that these adjustments were not material to the prior quarterly or annual periods, and also were not material to the current period or anticipated full year 2015 results. These equipment installment plan adjustments had the impact of reducing Equipment and product sales revenues by \$6.2 million and Income before income taxes by \$5.8 million for the nine months ended September 30, 2015. These adjustments were made in the first six months of 2015.

#### 4. Income Taxes

TDS' overall effective tax rate on Income (loss) before income taxes for the three and nine months ended September 30, 2015 were 42.1% and 40.3%, respectively.

The effective tax rates for the three and nine months ended September 30, 2014 were negative and not meaningful due to the impact of several items on tax expense, including:

- A \$40.8 million tax expense related to a valuation allowance recorded against certain state deferred tax assets that TDS determined were not realizable, on a more likely than not basis.

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- A \$10.8 million tax benefit due to a valuation allowance reduction for federal net operating losses previously limited under loss utilization rules. Due to the shutdown of Airadigm's consumer wireless business and resulting intercompany sale of certain assets by Airadigm to U.S. Cellular during the period, Airadigm is expected to recognize sufficient taxable income for TDS to utilize the previously limited net operating losses.
- A \$19.9 million expense related to a portion of the goodwill impairment of the HMS reporting unit recorded in the third quarter of 2014, which is nondeductible for income tax purposes.

## 5. Earnings Per Share

Basic earnings (loss) per share attributable to TDS shareholders is computed by dividing Net income (loss) available to common shareholders of TDS by the weighted average number of common shares outstanding during the period. Diluted earnings (loss) per share attributable to TDS shareholders is computed by dividing Net income (loss) available to common shareholders of TDS by the weighted average number of common shares outstanding during the period adjusted to include the effects of potentially dilutive securities. Potentially dilutive securities primarily include incremental shares issuable upon exercise of outstanding stock options and the vesting of restricted stock units.

The amounts used in computing earnings (loss) per common share and the effects of potentially dilutive securities on the weighted average number of common shares were as follows:

|   | Three Months Ended |             | Nine Months Ended |             |
|---|--------------------|-------------|-------------------|-------------|
|   | September 30,      |             | September 30,     |             |
|   | 2015               | 2014        | 2015              | 2014        |
| (Dollars and shares in thousands, except per share amounts)       |                    |             |                   |             |
| Basic earnings (loss) per share attributable to TDS shareholders: |                    |             |                   |             |
| Net income (loss) available to common shareholders of             | \$51,071           | \$(116,042) | \$219,832         | \$(119,851) |
| TDS used in basic earnings (loss) per share                       |                    |             |                   |             |
| Adjustments to compute diluted                                    |                    |             |                   |             |

## earnings (loss):

|  |          |             |           |             |
|--|----------|-------------|-----------|-------------|
| Noncontrolling interest adjustment   | (384)    | –           | (1,540)   | –           |
| Preferred dividend adjustment  | 12       | –           | 37        | –           |
| Net income (loss) attributable to common shareholders of TDS used in diluted earnings (loss) per share | \$50,699 | \$(116,042) | \$218,329 | \$(119,851) |

## Weighted average number of shares used in basic

## earnings (loss) per share:

|                        |         |         |         |         |
|------------------------|---------|---------|---------|---------|
| Common Shares Series A | 101,652 | 101,067 | 101,315 | 101,474 |
| Common Shares          | 7,196   | 7,185   | 7,188   | 7,176   |
| Total                  | 108,848 | 108,252 | 108,503 | 108,650 |

## Effects of dilutive securities:

|                        |     |   |     |   |
|------------------------|-----|---|-----|---|
| Stock options          | 818 | – | 778 | – |
| Restricted stock units | 498 | – | 406 | – |
| Preferred shares       | 50  | – | 50  | – |

## Weighted average number of shares used in diluted

|                           |         |         |         |         |
|---------------------------|---------|---------|---------|---------|
| earnings (loss) per share | 110,214 | 108,252 | 109,737 | 108,650 |
|---------------------------|---------|---------|---------|---------|

## Basic earnings (loss) per share attributable to TDS

|              |        |          |        |          |
|--------------|--------|----------|--------|----------|
| shareholders | \$0.47 | \$(1.07) | \$2.03 | \$(1.10) |
|--------------|--------|----------|--------|----------|



Diluted earnings  
(loss) per share  
attributable to  
TDS

|              |        |          |        |          |
|--------------|--------|----------|--------|----------|
| shareholders | \$0.46 | \$(1.07) | \$1.99 | \$(1.10) |
|--------------|--------|----------|--------|----------|

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Certain Common Shares issuable upon the exercise of stock options, vesting of restricted stock units or conversion of preferred shares were not included in average diluted shares outstanding for the calculation of Diluted earnings (loss) per share attributable to TDS shareholders because their effects were antidilutive. The number of such Common Shares excluded, if any, is shown in the table below.

|                        | Three Months Ended |       | Nine Months Ended |       |
|------------------------|--------------------|-------|-------------------|-------|
|                        | September 30,      |       | September 30,     |       |
|                        | 2015               | 2014  | 2015              | 2014  |
| (Shares in thousands)  |                    |       |                   |       |
| Stock options          | 4,687              | 9,207 | 4,438             | 8,922 |
| Restricted stock units | –                  | 992   | 191               | 823   |
| Preferred shares       | –                  | 52    | –                 | 52    |

## 6. Acquisitions, Divestitures and Exchanges

### Divestiture Transaction

On May 16, 2013, pursuant to a Purchase and Sale Agreement, U.S. Cellular sold customers and certain PCS spectrum licenses to subsidiaries of Sprint Corp. fka Sprint Nextel Corporation (“Sprint”) in U.S. Cellular’s Chicago, central Illinois, St. Louis and certain Indiana/Michigan/Ohio markets (“Divestiture Markets”) in consideration for \$480 million in cash. The Purchase and Sale Agreement also contemplated certain other agreements, together with the Purchase and Sale Agreement collectively referred to as the “Divestiture Transaction.”

These agreements require Sprint to reimburse U.S. Cellular up to \$200 million (the “Sprint Cost Reimbursement”) for certain network decommissioning costs, network site lease rent and termination costs, network access termination costs, and employee termination benefits for specified engineering employees. As of September 30, 2015, U.S. Cellular had received a cumulative total of \$109.3 million pursuant to the Sprint Cost Reimbursement. For the nine months ended September 30, 2015 and 2014, \$27.6 million and \$52.0 million, respectively, of the Sprint Cost Reimbursement had been received and recorded in Cash received from divestitures and exchanges in the Consolidated Statement of Cash Flows.

For the nine months ended September 30, 2015 and 2014, as a result of the Divestiture Transaction, U.S. Cellular recognized gains of \$6.2 million and \$28.1 million, respectively, in (Gain) loss on sale of business and other exit costs, net. For the three months ended September 30, 2015 and 2014, U.S. Cellular recognized gains of \$0.3 million and \$10.4 million, respectively.

Other Acquisitions, Divestitures and Exchanges

- At September 30, 2015, TDS' assets and liabilities classified in the Consolidated Balance Sheet as held for sale were related to agreements to sell certain Wireline markets and Airadigm operations.
- In March 2015, U.S. Cellular exchanged certain of its unbuilt PCS licenses for certain other PCS licenses located in U.S. Cellular's existing operating markets and \$117.0 million of cash. As of the transaction date, the licenses received in the transaction had an estimated fair value, per a market approach, of \$43.5 million. A gain of \$125.2 million was recorded in (Gain) loss on license sales and exchanges, net in the Consolidated Statement of Operations in the first quarter of 2015.
- An FCC auction of AWS-3 spectrum licenses ("Auction 97") ended in January 2015. U.S. Cellular participated in Auction 97 indirectly through its limited partnership interest in Advantage Spectrum L.P. ("Advantage Spectrum"). Advantage Spectrum was the provisional winning bidder for 124 licenses for an aggregate winning bid of \$338.3 million, after its designated entity discount of 25%. Advantage Spectrum's bid amount, less the initial deposit amount of \$60.0 million paid in 2014, was paid to the FCC in March 2015. These licenses have not yet been granted by the FCC. See Note 10 — Variable Interest Entities for additional information.
- In December 2014, U.S. Cellular entered into an agreement with a third party to sell 595 towers and certain related contracts, assets, and liabilities for \$159.0 million. This agreement and related transactions are referred to as the "Tower Sale" and were accomplished in two closings. The first closing occurred in December 2014 and included the sale of 236 towers, without tenants, for \$10.0 million. On this same date, U.S. Cellular received \$7.5 million in earnest money. At the time of the first closing, a \$4.7 million gain was recorded. The second closing for the remaining 359 towers, primarily with tenants, took place in January 2015, at which time U.S. Cellular received \$141.5 million in additional cash proceeds and recorded a gain of \$119.6 million in (Gain) loss on sale of business and other exit costs, net.

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- In September 2014, U.S. Cellular entered into an agreement with a third party to exchange certain PCS and AWS licenses for certain other PCS and AWS licenses and \$28.0 million of cash. This license exchange was accomplished in two closings. The first closing occurred in December 2014 at which time U.S. Cellular received licenses with an estimated fair value, per a market approach, of \$51.5 million, recorded a \$21.7 million gain and recorded an \$18.3 million deferred credit in Other current liabilities. The license that was transferred to the counterparty in the second closing had a net book value of \$22.2 million. The second closing occurred in July 2015. At the time of the second closing, U.S. Cellular received \$28.0 million in cash and recognized the deferred credit from the first closing, resulting in a total gain of \$24.1 million recorded on this part of the license exchange.

## 7. Intangible Assets

Changes in Licenses at TDS for the nine months ended September 30, 2015 are presented below. There were no significant changes to Franchise rights, Goodwill or Other intangible assets during the nine months ended September 30, 2015.

## Licenses

(Dollars in thousands)

## Balance

December 31, 2014 \$1,453,574

Acquisitions (1) 345,656

Exchanges (2) 43,485

Other 1,482

## Balance

September 30, 2015 \$1,844,197

- (1) Amount includes payments totaling \$338.3 million made by Advantage Spectrum to the FCC for licenses in which it was the provisional winning bidder in Auction 97. See Note 6 — Acquisitions,

Divestitures and Exchanges, and Note 10 — Variable Interest Entities for further information. Amount represents licenses received in the March 2015 PCS license exchange. See Note 6 — Acquisitions, Divestitures and Exchanges for further information. Licenses disposed of in this (2) exchange and the exchange that closed in July 2015 were previously removed from the Licenses balance and reflected in Assets held for sale in the Consolidated Balance Sheet as of December 31, 2014.

#### 8. Investments in Unconsolidated Entities

Investments in unconsolidated entities consist of amounts invested in wireless and wireline entities in which TDS holds a noncontrolling interest. These investments are accounted for using either the equity or cost method.

The following table, which is based on information provided in part by third parties, summarizes the combined results of operations of TDS' equity method investments.

|                          | Three Months Ended<br>September 30, |              | Nine Months Ended<br>September 30, |              |
|--------------------------|-------------------------------------|--------------|------------------------------------|--------------|
|                          | 2015                                | 2014         | 2015                               | 2014         |
| (Dollars in thousands)   |                                     |              |                                    |              |
| Revenues                 | \$ 1,738,488                        | \$ 1,649,160 | \$ 5,199,305                       | \$ 4,876,269 |
| Operating expenses       | 1,267,820                           | 1,230,366    | 3,840,462                          | 3,554,598    |
| Operating income         | 470,668                             | 418,794      | 1,358,843                          | 1,321,671    |
| Other income (loss), net | (10,236)                            | 4,752        | (16,744)                           | 7,178        |

|            |            |            |              |              |
|------------|------------|------------|--------------|--------------|
| Net income | \$ 460,432 | \$ 423,546 | \$ 1,342,099 | \$ 1,328,849 |
|------------|------------|------------|--------------|--------------|

## 9. Debt

In January 2015, U.S. Cellular entered into a senior term loan credit facility. In July 2015, U.S. Cellular borrowed the full amount of \$225 million available under this facility in two separate draws at an overall interest rate of 2.88%. The interest rate on outstanding borrowings will be reset at three and six month intervals at a rate of LIBOR plus 250 basis points. This credit facility provides for the draws to be continued on a long-term basis under terms that are readily determinable. U.S. Cellular has the ability and intent to carry the debt for the duration of the agreement. Principal reductions will be due and payable in quarterly installments of \$2.8 million beginning in March 2016 through December 2021, and the remaining unpaid balance will be due and payable in January 2022. These funds will be used for general corporate purposes, including working capital, spectrum purchases and capital expenditures.

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## 10. Variable Interest Entities

TDS consolidates variable interest entities (“VIEs”) in which it has a controlling financial interest and is the primary beneficiary. A controlling financial interest will have both of the following characteristics: (a) the power to direct the VIE activities that most significantly impact economic performance and (b) the obligation to absorb VIE losses and the right to receive benefits that are significant to the VIE. TDS reviews these criteria initially at the time it enters into agreements and subsequently when reconsideration events occur.

## Consolidated VIEs

As of September 30, 2015, TDS holds a variable interest in and consolidates the following VIEs:

- Advantage Spectrum and Frequency Advantage L.P., the general partner of Advantage Spectrum;
- Aquinas Wireless L.P. (“Aquinas Wireless”); and
- King Street Wireless L.P. (“King Street Wireless”) and King Street Wireless, Inc., the general partner of King Street Wireless.

The power to direct the activities that most significantly impact the economic performance of Advantage Spectrum, Aquinas Wireless and King Street Wireless (collectively, the “limited partnerships”) is shared. Specifically, the general partner of these VIEs has the exclusive right to manage, operate and control the limited partnerships and make all decisions to carry on the business of the partnerships; however, the general partner of each partnership needs the consent of the limited partner, a TDS subsidiary, to sell or lease certain licenses, to make certain large expenditures, admit other partners or liquidate the limited partnerships. Although the power to direct the activities of the VIEs is shared, TDS has a disproportionate level of exposure to the variability associated with the economic performance of the VIEs, indicating that TDS is the primary beneficiary of the VIEs. Accordingly, these VIEs are consolidated.

The following table presents the classification of the consolidated VIEs’ assets and liabilities in TDS’ Consolidated Balance Sheet.

|                                    | September<br>30,<br>2015 | December<br>31,<br>2014 |
|------------------------------------|--------------------------|-------------------------|
| (Dollars in thousands)             |                          |                         |
| Assets                             |                          |                         |
| Cash and cash equivalents          | \$1,681                  | \$2,588                 |
| Other current assets               | 175                      | 278                     |
| Licenses (1)                       | 648,661                  | 312,977                 |
| Property, plant and equipment, net | 8,635                    | 10,671                  |
| Other assets and deferred charges  | 324                      | 60,059                  |
| Total assets                       | \$659,476                | \$386,573               |

Liabilities

|                                  |       |       |
|----------------------------------|-------|-------|
| Current liabilities              | \$1   | \$110 |
| Deferred liabilities and credits | 494   | 622   |
| Total liabilities                | \$495 | \$732 |

(1) At September 30, 2015, includes payments totaling \$338.3 million made by Advantage Spectrum to the FCC as described below.



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## Other Related Matters

In March 2015, King Street Wireless made a \$60.0 million distribution to its investors. Of this distribution, \$6.0 million was provided to King Street Wireless, Inc. and \$54.0 million was provided to U.S. Cellular.

FCC Auction 97 ended in January 2015. TDS participated in Auction 97 indirectly through its interest in Advantage Spectrum. A subsidiary of U.S. Cellular is a limited partner in Advantage Spectrum. Advantage Spectrum qualified as a “designated entity,” and thereby was eligible for bid credits with respect to spectrum purchased in Auction 97. Advantage Spectrum was the winning bidder for 124 licenses for an aggregate bid of \$338.3 million, after its designated entity discount of 25%. This amount is classified as Licenses in TDS’ Consolidated Balance Sheet. Advantage Spectrum’s bid amount, less the initial deposit of \$60.0 million paid in 2014, plus certain other charges totaling \$2.3 million, were paid to the FCC in March 2015. To help fund this payment, U.S. Cellular made loans and capital contributions to Advantage Spectrum and Frequency Advantage totaling \$280.6 million during the nine months ended September 30, 2015. There were no capital contributions, loans or advances made to TDS’ VIEs during the nine months ended September 30, 2014.

Advantage Spectrum, Aquinas Wireless and King Street Wireless were formed to participate in FCC auctions of wireless spectrum and to fund, establish, and provide wireless service with respect to any FCC licenses won in the auctions. As such, these entities have risks similar to those described in the “Risk Factors” in TDS’ Form 10-K for the year ended December 31, 2014.

TDS may agree to make additional capital contributions and/or advances to Advantage Spectrum, Aquinas Wireless or King Street Wireless and/or to their general partners to provide additional funding for the development of licenses granted in various auctions. TDS may finance such amounts with a combination of cash on hand, borrowings under its revolving credit agreement and/or other long-term debt. There is no assurance that TDS will be able to obtain additional financing on commercially reasonable terms or at all to provide such financial support.

During the three and nine-months ended September 30, 2015, TDS recorded out-of-period adjustments attributable to the third quarter of 2013 through the second quarter of 2015 related to an agreement with King Street Wireless. TDS has determined that these adjustments were not material to the prior quarterly or annual periods, and also were not material to the current period or anticipated full year 2015 results. As a result of these out-of-period adjustments, for the three and nine months ended September 30, 2015, Net income decreased by \$3.2 million and \$2.8 million, and Net income attributable to TDS shareholders decreased by \$3.8 million and \$3.3 million, respectively.

## 11. Noncontrolling Interests

The following schedule discloses the effects of Net income (loss) attributable to TDS shareholders and changes in TDS’ ownership interest in U.S. Cellular on TDS’ equity:

|  | Nine Months Ended |             |
|--|-------------------|-------------|
|  | September 30,     |             |
|  | 2015              | 2014        |
| (Dollars in thousands)                             |                   |             |
| Net income (loss) attributable to TDS shareholders | \$219,869         | \$(119,814) |

|  |           |             |
|--|-----------|-------------|
| Transfer (to) from<br>the noncontrolling<br>interests          |           |             |
| Change in<br>TDS' Capital<br>in excess of<br>par value from    |           |             |
| U.S.   | (13,768)  | (11,042)    |
| Cellular's<br>issuance of<br>U.S. Cellular<br>shares           |           |             |
| Change in<br>TDS' Capital<br>in excess of<br>par value from    |           |             |
| U.S.   | 951       | 858         |
| Cellular's<br>repurchases of<br>U.S. Cellular<br>shares        |           |             |
| Purchase of<br>ownership in<br>subsidiaries<br>from            | 240       | 7,484       |
| noncontrolling<br>interests                                    |           |             |
| Net transfers<br>(to) from<br>noncontrolling<br>interests      | (12,577)  | (2,700)     |
| Change from net<br>income (loss)<br>attributable to TDS<br>and | \$207,292 | \$(122,514) |
| transfers (to)<br>from<br>noncontrolling<br>interests          |           |             |



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## 12. Common Share Repurchases

On August 2, 2013, the Board of Directors of TDS authorized a \$250 million stock repurchase program for the purchase of TDS Common Shares from time to time pursuant to open market purchases, block transactions, private purchases or otherwise, depending on market conditions. This authorization does not have an expiration date.

On November 17, 2009, the Board of Directors of U.S. Cellular authorized the repurchase of up to 1,300,000 Common Shares on an annual basis beginning in 2009 and continuing each year thereafter, on a cumulative basis. These purchases will be made pursuant to open market purchases, block purchases, private purchases or otherwise, depending on market conditions. This authorization does not have an expiration date.

Share repurchases made under these authorizations were as follows:

|   | Number of | Average |          |
|---|-----------|---------|----------|
|   | Shares    | Cost    | Amount   |
| Nine Months Ended September 30,                                 |           | Per     |          |
| (Dollar amounts and shares in thousands, except per share data) |           | Share   |          |
| 2015  |           |         |          |
| TDS Common Shares   | –         | \$–     | \$–      |
| U.S. Cellular Common Shares                                     | 154       | \$34.85 | \$5,362  |
| 2014  |           |         |          |
| TDS Common Shares   | 1,230     | \$25.85 | \$31,794 |
| U.S. Cellular Common Shares                                     | 384       | \$39.37 | \$15,124 |

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13. Business Segment Information

U.S. Cellular and TDS Telecom are billed for all services they receive from TDS, consisting primarily of information processing, accounting and finance, and general management services. Such billings are based on expenses specifically identified to U.S. Cellular and TDS Telecom and on allocations of common expenses. Management believes the method used to allocate common expenses is reasonable and that all expenses and costs applicable to U.S. Cellular and TDS Telecom are reflected in the accompanying business segment information on a basis that is representative of what they would have been if U.S. Cellular and TDS Telecom operated on a stand-alone basis.

Financial data for TDS' reportable segments for the three and nine month periods ended, or as of September 30, 2015 and 2014, is as follows. See Note 1 — Basis of Presentation for additional information.

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| Three Months Ended or as of September 30, 2015<br>(Dollars in thousands)                     | TDS Telecom   |           |          |          |                          |                   |            | Corporate, Eliminations Total and Other |
|--|---------------|-----------|----------|----------|--------------------------|-------------------|------------|---|
|  | U.S. Cellular | Wireline  | Cable    | HMS      | TDS Telecom Eliminations | TDS Telecom Total |            |   |
| Operating revenues   |               |           |          |          |                          |                   |            |   |
| Services   | \$895,960     | \$174,579 | \$43,741 | \$30,428 | \$ (1,184)               | \$247,564         | \$ (5,757) | \$1,137,767                             |
| Equipment and product sales  | 172,946       | 477       | 119      | 51,214   | –                        | 51,810            | 11,275     | 236,031                                 |
| Total operating revenues   | 1,068,906     | 175,056   | 43,860   | 81,642   | (1,184)                  | 299,374           | 5,518      | 1,373,798                               |
| Cost of services (excluding Depreciation, amortization and accretion expense reported below) | 198,982       | 63,696    | 19,545   | 21,163   | (1,125)                  | 103,279           | 830        | 303,091                                 |
| Cost of equipment and products   | 287,256       | 515       | 25       | 43,081   | –                        | 43,621            | 6,174      | 337,051                                 |
| Selling, general and administrative  | 374,585       | 50,062    | 14,346   | 12,446   | (59)                     | 76,795            | (2,296)    | 449,084                                 |
| Depreciation, amortization and accretion   | 152,369       | 41,228    | 8,530    | 6,790    | –                        | 56,548            | 1,847      | 210,764                                 |
| (Gain) loss on asset disposals, net  | 2,618         | 1,845     | 425      | 22       | –                        | 2,292             | 9          | 4,919                                   |
| (Gain) loss on sale of business and other exit costs, net                                    | (643)         | (105)     | –        | –        | –                        | (105)             | 189        | (559)                                   |
| (Gain) loss on license sales and exchanges, net  | (23,986)      | –         | –        | –        | –                        | –                 | –          | (23,986)                                |
| Operating income (loss)  | 77,725        | 17,815    | 989      | (1,860)  | –                        | 16,944            | (1,235)    | 93,434                                  |
| Equity in earnings of unconsolidated entities  | 39,674        | 2         | –        | –        | –                        | 2                 | 94         | 39,770                                  |

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|   |             |             |           |           |     |             |           |             |
|---|-------------|-------------|-----------|-----------|-----|-------------|-----------|-------------|
| Interest and dividend income                              | 9,299       | 624         | 10        | 6         | –   | 640         | (322)     | 9,617       |
| Interest expense  | (21,121)    | 193         | 109       | (565)     | –   | (263)       | (13,659)  | (35,043)    |
| Other, net  | 78          | (48)        | –         | (79)      | –   | (127)       | (7)       | (56)        |
| Income (loss) before income taxes                         | 105,655     | 18,586      | 1,108     | (2,498)   | –   | 17,196      | (15,129)  | 107,722     |
| Income tax expense (benefit) (1)                          | 40,634      |             |           |           |     | 8,278       | (3,585)   | 45,327      |
| Net income (loss)   | 65,021      |             |           |           |     | 8,918       | (11,544)  | 62,395      |
| Add back:   |             |             |           |           |     |             |           |             |
| Depreciation, amortization and accretion                  | 152,369     | 41,228      | 8,530     | 6,790     | –   | 56,548      | 1,847     | 210,764     |
| (Gain) loss on asset disposals, net                       | 2,618       | 1,845       | 425       | 22        | –   | 2,292       | 9         | 4,919       |
| (Gain) loss on sale of business and other exit costs, net | (643)       | (105)       | –         | –         | –   | (105)       | 189       | (559)       |
| (Gain) loss on license sales and exchanges, net           | (23,986)    | –           | –         | –         | –   | –           | –         | (23,986)    |
| Interest expense  | 21,121      | (193)       | (109)     | 565       | –   | 263         | 13,659    | 35,043      |
| Income tax expense (benefit) (1)                          | 40,634      |             |           |           |     | 8,278       | (3,585)   | 45,327      |
| Adjusted EBITDA (2)                                       | \$257,134   | \$61,361    | \$9,954   | \$4,879   | \$– | \$76,194    | \$575     | \$333,903   |
| Investments in unconsolidated entities                    | \$347,709   | \$3,806     | \$–       | \$–       | \$– | \$3,806     | \$34,638  | \$386,153   |
| Total assets  | \$6,938,384 | \$1,322,359 | \$571,836 | \$299,101 | \$– | \$2,193,296 | \$185,678 | \$9,317,358 |
| Capital expenditures                                      | \$134,816   | \$38,354    | \$13,023  | \$5,090   | \$– | \$56,467    | \$2,425   | \$193,708   |





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| Three Months Ended or as of September 30, 2014<br>(Dollars in thousands)                     | TDS Telecom   |           |          |          |                         |                   |            | Corporate, Eliminations Total and Other |
|--|---------------|-----------|----------|----------|-------------------------|-------------------|------------|---|
|  | U.S. Cellular | Wireline  | Cable    | HMS      | TDS Telecom Elimination | TDS Telecom Total |            |   |
| Operating revenues   |               |           |          |          |                         |                   |            |   |
| Services   | \$851,063     | \$177,650 | \$28,519 | \$27,806 | \$ (980)                | \$232,995         | \$ (2,586) | \$1,081,472                             |
| Equipment and product sales  | 149,356       | 425       | –        | 39,737   | –                       | 40,162            | 9,033      | 198,551                                 |
| Total operating revenues   | 1,000,419     | 178,075   | 28,519   | 67,543   | (980)                   | 273,157           | 6,447      | 1,280,023                               |
| Cost of services (excluding Depreciation, amortization and accretion expense reported below) |               |           |          |          |                         |                   |            |   |
| Cost of equipment and products   | 199,750       | 64,072    | 12,651   | 19,442   | (926)                   | 95,239            | 2,194      | 297,183                                 |
| Selling, general and administrative  | 307,862       | 829       | –        | 33,819   | –                       | 34,648            | 6,699      | 349,209                                 |
| Depreciation, amortization and accretion   | 397,545       | 46,627    | 9,948    | 12,724   | (54)                    | 69,245            | (1,776)    | 465,014                                 |
| Loss on impairment of assets   | 148,952       | 41,358    | 6,171    | 6,726    | –                       | 54,255            | 2,322      | 205,529                                 |
| (Gain) loss on asset disposals, net  | –             | –         | –        | 84,000   | –                       | 84,000            | –          | 84,000                                  |
| (Gain) loss on sale of business and other exit costs, net                                    | 7,947         | 743       | 626      | (2)      | –                       | 1,367             | (21)       | 9,293                                   |
| Operating income (loss)  | (10,283)      | (2,201)   | –        | –        | –                       | (2,201)           | 7,694      | (4,790)                                 |
| Equity in earnings of unconsolidated entities  | (51,354)      | 26,647    | (877)    | (89,166) | –                       | (63,396)          | (10,665)   | (125,415)                               |
|  | 35,971        | 2         | –        | –        | –                       | 2                 | 108        | 36,081                                  |

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|   |             |             |           |           |     |             |           |             |
|---|-------------|-------------|-----------|-----------|-----|-------------|-----------|-------------|
| Interest and dividend income                              | 3,572       | 569         | (1)       | (23)      | –   | 545         | 409       | 4,526       |
| Interest expense  | (13,514)    | 598         | 32        | (343)     | –   | 287         | (13,943)  | (27,170)    |
| Other, net  | 95          | 71          | –         | (86)      | –   | (15)        | (11)      | 69          |
| Income (loss) before income taxes                         | (25,230)    | 27,887      | (846)     | (89,618)  | –   | (62,577)    | (24,102)  | (111,909)   |
| Income tax expense (benefit) (1)                          | (1,459)     |             |           |           |     | (2,937)     | 13,686    | 9,290       |
| Net income (loss)   | (23,771)    |             |           |           |     | (59,640)    | (37,788)  | (121,199)   |
| Add back:   |             |             |           |           |     |             |           |             |
| Depreciation, amortization and accretion                  | 148,952     | 41,358      | 6,171     | 6,726     | –   | 54,255      | 2,322     | 205,529     |
| Loss on impairment of assets                              | –           | –           | –         | 84,000    | –   | 84,000      | –         | 84,000      |
| (Gain) loss on asset disposals, net                       | 7,947       | 743         | 626       | (2)       | –   | 1,367       | (21)      | 9,293       |
| (Gain) loss on sale of business and other exit costs, net | (10,283)    | (2,201)     | –         | –         | –   | (2,201)     | 7,694     | (4,790)     |
| Interest expense  | 13,514      | (598)       | (32)      | 343       | –   | (287)       | 13,943    | 27,170      |
| Income tax expense (benefit) (1)                          | (1,459)     | –           | –         | –         | –   | (2,937)     | 13,686    | 9,290       |
| Adjusted EBITDA (2)                                       | \$134,900   | \$67,189    | \$5,919   | \$1,449   | \$– | \$74,557    | \$ (164)  | \$209,293   |
| Investments in unconsolidated entities                    | \$296,900   | \$3,804     | \$–       | \$–       | \$– | \$3,804     | \$34,744  | \$335,448   |
| Total assets  | \$6,257,075 | \$1,385,524 | \$543,731 | \$255,519 | \$– | \$2,184,774 | \$198,699 | \$8,640,548 |
| Capital expenditures                                      | \$142,452   | \$34,243    | \$7,598   | \$9,800   | \$– | \$51,641    | \$1,132   | \$195,225   |

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| Nine Months<br>Ended or as of<br>September 30,<br>2015<br>(Dollars in<br>thousands)                               | TDS Telecom      |           |           |          |                                |                         |            | Corporate,<br>Eliminations Total<br>and Other |
|---|------------------|-----------|-----------|----------|--------------------------------|-------------------------|------------|---|
|   | U.S.<br>Cellular | Wireline  | Cable     | HMS      | TDS<br>Telecom<br>Eliminations | TDS<br>Telecom<br>Total |            |   |
| Operating<br>revenues   |                  |           |           |          |                                |                         |            |   |
| Services  | \$2,548,544      | \$525,683 | \$131,767 | \$88,311 | \$ (3,222)                     | \$742,539               | \$ (9,575) | \$3,281,508                                   |
| Equipment and<br>product sales  | 461,274          | 1,478     | 277       | 129,878  | –                              | 131,633                 | 27,371     | 620,278                                       |
| Total<br>operating<br>revenues  | 3,009,818        | 527,161   | 132,044   | 218,189  | (3,222)                        | 874,172                 | 17,796     | 3,901,786                                     |
| Cost of services<br>(excluding<br>Depreciation,<br>amortization<br>and accretion<br>expense<br>reported<br>below) | 585,935          | 188,727   | 59,342    | 63,145   | (3,011)                        | 308,203                 | 2,752      | 896,890                                       |
| Cost of<br>equipment and<br>products  | 779,228          | 1,675     | 100       | 108,777  | –                              | 110,552                 | 17,702     | 907,482                                       |
| Selling, general<br>and<br>administrative<br>Depreciation,<br>amortization<br>and accretion                       | 1,106,524        | 144,931   | 40,735    | 36,105   | (211)                          | 221,560                 | (5,530)    | 1,322,554                                     |
| (Gain) loss on<br>asset disposals,<br>net   | 12,268           | 3,373     | (561)     | (21)     | –                              | 2,791                   | (11)       | 15,048  |
| (Gain) loss on<br>sale of business<br>and other exit<br>costs, net  | (113,825)        | (3,159)   | –         | –        | –                              | (3,159)                 | (12,947)   | (129,931)                                     |
| (Gain) loss on<br>license sales and<br>exchanges, net   | (146,884)        | –         | –         | –        | –                              | –                       | –          | (146,884)                                     |
| Operating<br>income (loss)  | 336,537          | 67,174    | 6,319     | (9,615)  | –                              | 63,878                  | 7,769      | 408,184                                       |
| Equity in<br>earnings of  | 109,729          | 15        | –         | –        | –                              | 15                      | 79         | 109,823                                       |

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|   |             |             |           |           |     |             |           |             |
|---|-------------|-------------|-----------|-----------|-----|-------------|-----------|-------------|
| unconsolidated entities                                   |             |             |           |           |     |             |           |             |
| Interest and dividend income                              | 25,834      | 1,726       | 23        | 29        | –   | 1,778       | 507       | 28,119      |
| Interest expense  | (61,239)    | 784         | 352       | (1,550)   | –   | (414)       | (41,139)  | (102,792)   |
| Other, net  | 274         | (81)        | 3         | (65)      | –   | (143)       | 11        | 142         |
| Income (loss) before income taxes                         | 411,135     | 69,618      | 6,697     | (11,201)  | –   | 65,114      | (32,773)  | 443,476     |
| Income tax expense (benefit) (1)                          | 161,214     |             |           |           |     | 27,083      | (9,517)   | 178,780     |
| Net income (loss)   | 249,921     |             |           |           |     | 38,031      | (23,256)  | 264,696     |
| Add back:   |             |             |           |           |     |             |           |             |
| Depreciation, amortization and accretion                  | 450,035     | 124,440     | 26,109    | 19,798    | –   | 170,347     | 8,061     | 628,443     |
| (Gain) loss on asset disposals, net                       | 12,268      | 3,373       | (561)     | (21)      | –   | 2,791       | (11)      | 15,048      |
| (Gain) loss on sale of business and other exit costs, net | (113,825)   | (3,159)     | –         | –         | –   | (3,159)     | (12,947)  | (129,931)   |
| (Gain) loss on license sales and exchanges, net           | (146,884)   | –           | –         | –         | –   | –           | –         | (146,884)   |
| Interest expense  | 61,239      | (784)       | (352)     | 1,550     | –   | 414         | 41,139    | 102,792     |
| Income tax expense (benefit) (1)                          | 161,214     |             |           |           |     | 27,083      | (9,517)   | 178,780     |
| Adjusted EBITDA (2)                                       | \$673,968   | \$193,488   | \$31,893  | \$10,126  | \$– | \$235,507   | \$3,469   | \$912,944   |
| Investments in unconsolidated entities                    | \$347,709   | \$3,806     | \$–       | \$–       | \$– | \$3,806     | \$34,638  | \$386,153   |
| Total assets  | \$6,938,384 | \$1,322,359 | \$571,836 | \$299,101 | \$– | \$2,193,296 | \$185,678 | \$9,317,358 |
| Capital expenditures                                      | \$334,942   | \$90,517    | \$36,575  | \$19,341  | \$– | \$146,433   | \$5,570   | \$486,945   |



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| Nine Months<br>Ended or as of<br>September 30,<br>2014<br>(Dollars in<br>thousands)          | TDS Telecom      |           |          |          |                                |                         |            | Corporate,<br>Eliminations<br>and Other | Total |
|--|------------------|-----------|----------|----------|--------------------------------|-------------------------|------------|---|-------|
|  | U.S.<br>Cellular | Wireline  | Cable    | HMS      | TDS<br>Telecom<br>Eliminations | TDS<br>Telecom<br>Total |            |   |       |
| Operating revenues   |                  |           |          |          |                                |                         |            |   |       |
| Services   | \$2,548,149      | \$534,880 | \$73,506 | \$82,757 | \$ (1,959)                     | \$689,184               | \$ (3,440) | \$3,233,893                             |       |
| Equipment and product sales  | 335,854          | 1,409     | –        | 115,830  | –                              | 117,239                 | 25,391     | 478,484                                 |       |
| Total operating revenues   | 2,884,003        | 536,289   | 73,506   | 198,587  | (1,959)                        | 806,423                 | 21,951     | 3,712,377                               |       |
| Cost of services (excluding Depreciation, amortization and accretion expense reported below) | 567,488          | 192,777   | 35,000   | 57,689   | (1,820)                        | 283,646                 | 8,495      | 859,629                                 |       |
| Cost of equipment and products   | 850,314          | 1,793     | –        | 98,161   | –                              | 99,954                  | 18,599     | 968,867                                 |       |
| Selling, general and administrative  | 1,197,361        | 140,855   | 22,611   | 39,935   | (139)                          | 203,262                 | (1,038)    | 1,399,585                               |       |
| Depreciation, amortization and accretion   | 465,042          | 125,921   | 15,089   | 20,195   | –                              | 161,205                 | 8,768      | 635,015                                 |       |
| Loss on impairment of assets   | –                | –         | –        | 84,000   | –                              | 84,000                  | –          | 84,000                                  |       |
| (Gain) loss on asset disposals, net  | 16,774           | 1,502     | 1,116    | 76       | –                              | 2,694                   | 158        | 19,626                                  |       |
| (Gain) loss on sale of business and other exit costs, net                                    | (27,694)         | (2,201)   | –        | –        | –                              | (2,201)                 | 20,816     | (9,079)                                 |       |
| (Gain) loss on license sales and exchanges, net  | (91,446)         | –         | –        | –        | –                              | –                       | –          | (91,446)                                |       |

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|   |             |             |           |           |     |             |           |             |
|---|-------------|-------------|-----------|-----------|-----|-------------|-----------|-------------|
| Operating income (loss)                                   | (93,836)    | 75,642      | (310)     | (101,469) | –   | (26,137)    | (33,847)  | (153,820)   |
| Equity in earnings of unconsolidated entities             | 106,166     | 6           | –         | –         | –   | 6           | 2,026     | 108,198     |
| Interest and dividend income                              | 6,029       | 1,744       | 1         | 19        | –   | 1,764       | 1,970     | 9,763       |
| Interest expense  | (42,712)    | 1,939       | 67        | (1,203)   | –   | 803         | (41,866)  | (83,775)    |
| Other, net  | 281         | (78)        | –         | 93        | –   | 15          | (17)      | 279         |
| Income (loss) before income taxes                         | (24,072)    | 79,253      | (242)     | (102,560) | –   | (23,549)    | (71,734)  | (119,355)   |
| Income tax expense (benefit) (1)                          | 746         | –           | –         | –         | –   | 12,571      | (6,041)   | 7,276       |
| Net income (loss)   | (24,818)    | –           | –         | –         | –   | (36,120)    | (65,693)  | (126,631)   |
| Add back:   |             |             |           |           |     |             |           |             |
| Depreciation, amortization and accretion                  | 465,042     | 125,921     | 15,089    | 20,195    | –   | 161,205     | 8,768     | 635,015     |
| Loss on impairment of assets                              | –           | –           | –         | 84,000    | –   | 84,000      | –         | 84,000      |
| (Gain) loss on asset disposals, net                       | 16,774      | 1,502       | 1,116     | 76        | –   | 2,694       | 158       | 19,626      |
| (Gain) loss on sale of business and other exit costs, net | (27,694)    | (2,201)     | –         | –         | –   | (2,201)     | 20,816    | (9,079)     |
| (Gain) loss on license sales and exchanges, net           | (91,446)    | –           | –         | –         | –   | –           | –         | (91,446)    |
| Interest expense  | 42,712      | (1,939)     | (67)      | 1,203     | –   | (803)       | 41,866    | 83,775      |
| Income tax expense (benefit) (1)                          | 746         | –           | –         | –         | –   | 12,571      | (6,041)   | 7,276       |
| Adjusted EBITDA (2)                                       | \$381,316   | \$202,536   | \$15,896  | \$2,914   | \$– | \$221,346   | \$ (126)  | \$602,536   |
| Investments in unconsolidated entities                    | \$296,900   | \$3,804     | \$–       | \$–       | \$– | \$3,804     | \$34,744  | \$335,448   |
| Total assets  | \$6,257,075 | \$1,385,524 | \$543,731 | \$255,519 | \$– | \$2,184,774 | \$198,699 | \$8,640,548 |
|   | \$375,960   | \$84,511    | \$20,998  | \$23,179  | \$– | \$128,688   | \$3,856   | \$508,504   |

Capital  
expenditures

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(1) Income tax expense (benefit) is not provided at the individual segment level for Wireline, Cable and HMS. TDS calculates income tax expense for "TDS Telecom Total".

(2) Adjusted earnings before interest, taxes, depreciation, amortization and accretion ("Adjusted EBITDA") is a segment measure reported to the chief operating decision maker for purposes of making decisions about allocating resources to the segments and assessing their performance. Adjusted EBITDA is defined as net income, adjusted for the items set forth in the reconciliation above. Adjusted EBITDA excludes these items in order to show operating results on a more comparable basis from period to period. From time to time, TDS may also exclude other items from Adjusted EBITDA if such items help reflect operating results on a more comparable basis. TDS does not

intend to imply that any of such items that are excluded are non-recurring, infrequent or unusual; such items may occur in the future. TDS believes Adjusted EBITDA is a useful measure of TDS' operating results before significant recurring non-cash charges, discrete gains and losses, and other items as indicated above.

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### Item 2. Management's Discussion and Analysis of Financial Condition and Results of Operations

Telephone and Data Systems, Inc. ("TDS") is a diversified telecommunications company providing high-quality telecommunications services to approximately 4.8 million wireless customers and 1.2 million wireline and cable connections at September 30, 2015. TDS conducts its wireless operations through its 84% owned subsidiary, United States Cellular Corporation ("U.S. Cellular"). TDS provides wireline services, cable services and hosted and managed services through its wholly-owned subsidiary, TDS Telecommunications Corporation ("TDS Telecom").

The following discussion and analysis should be read in conjunction with TDS' interim unaudited consolidated financial statements and notes included in Item 1 above, and with the description of TDS' business, its audited consolidated financial statements and Management's Discussion and Analysis of Financial Condition and Results of Operations included in TDS' Annual Report on Form 10-K ("Form 10-K") for the year ended December 31, 2014.

#### OVERVIEW

The following is a summary of certain selected information contained in the comprehensive Management's Discussion and Analysis of Financial Condition and Results of Operations that follows. The overview does not contain all of the information that may be important. You should carefully read the entire Management's Discussion and Analysis of Financial Condition and Results of Operations and not rely solely on the overview.

The following provides historical and forward-looking information and analysis about TDS' existing business segments. TDS' business segments reflected in this Form 10-Q for the quarter ended September 30, 2015 are U.S. Cellular, TDS Telecom's Wireline, Cable, and Hosted and Managed Services ("HMS") operations. TDS operations also include the wholly-owned subsidiaries Suttle-Straus, Inc. ("Suttle-Straus") and Airadigm Communications, Inc. ("Airadigm"). Suttle-Straus and Airadigm's financial results were not significant to TDS' operations. All of TDS' segments operate only in the United States, except for HMS, which includes an insignificant foreign operation. See Note 13 — Business Segment Information for summary financial information on each business segment.

#### U.S. Cellular

In its consolidated operating markets, U.S. Cellular serves approximately 4.8 million customers in 23 states. As of September 30, 2015, U.S. Cellular's average penetration rate in its consolidated operating markets was 15%. U.S. Cellular operates on a customer satisfaction strategy, striving to meet or exceed customer needs by providing a comprehensive range of wireless products and services, excellent customer support, and a high-quality network. U.S. Cellular's business development strategy is to obtain interests in and access to wireless licenses in its current operating markets and in areas that are adjacent to or in close proximity to its other wireless licenses, thereby building contiguous operating market areas with strong spectrum positions. U.S. Cellular believes that the acquisition of additional licenses within its current operating markets will enhance its network capacity to meet customers' network performance expectations. In addition, U.S. Cellular anticipates that grouping its operations into market areas will continue to provide it with certain economies of scale in its capital and operating costs.

Financial and operating highlights for the nine months ended September 30, 2015 included matters discussed in the notes to the financial statements and the following:

- In March 2015, U.S. Cellular announced that it would discontinue its loyalty rewards program effective September 1, 2015. All unredeemed rewards points expired at that time and the deferred revenue balance related to such expired points was recognized as service revenues. The amount of deferred revenue so recognized was \$58.2 million.
- U.S. Cellular completed certain license exchanges, indirectly participated in a spectrum auction and completed the sale of towers outside of its operating markets. See Note 6 — Acquisitions, Divestitures and Exchanges and Note 10 — Variable Interest Entities in the Notes to Consolidated Financial Statements for additional information related to these transactions.
- Retail customer net additions were 75,000 in 2015 compared to net losses of 60,000 in 2014. In the postpaid category, there were net additions of 43,000 in 2015, compared to net losses of 67,000 in 2014. Postpaid results improved significantly due to effective pricing, promotions and retention programs as well as enhanced device offerings and the resolution of billing system conversion issues. In the prepaid category, net additions were 32,000 in 2015 compared to 7,000 in 2014.
- Total customers were 4,807,000 at September 30, 2015, including 4,721,000 retail customers (98% of total). Postpaid customers comprised approximately 92% of U.S. Cellular's retail customers as of September 30, 2015.
- The postpaid churn rate was 1.4% in 2015 compared to 1.9% in 2014. The prepaid churn rate was 5.4% in 2015 compared to 6.6% in 2014.

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- Service average revenue per user (“ARPU”) decreased to \$59.29 in 2015 from \$60.43 in 2014 due to a decrease in billed ARPU and inbound roaming revenues. Billed ARPU decreased to \$53.00 in 2015 from \$53.47 in 2014 reflecting a decrease in postpaid ARPU due to discounts on shared data plans provided to customers on equipment installment plans and those providing their own device at the time of activation or renewal, partially offset by the impact of the discontinued loyalty rewards points program and an increase in prepaid ARPU. The expiration of the loyalty rewards points had the effect of increasing postpaid ARPU by \$1.50 for the nine months ended September 30, 2015.
- Postpaid billed average revenue per account (“ARPA”) increased to \$138.55 in 2015 from \$132.19 in 2014 due to increased adoption of shared data plans, an increase in the number of devices per account and the impact of the discontinued loyalty rewards points program. The expiration of the loyalty rewards points had the effect of increasing postpaid ARPA by \$3.74 for the nine months ended September 30, 2015.
- Postpaid handset customers on smartphone service plans increased to 72% as of September 30, 2015 compared to 62% as of September 30, 2014. In addition, smartphones represented 87% of all handsets sold in 2015 compared to 79% in 2014.
- Total operating revenues increased \$125.8 million, or 4%, to \$3.0 billion in 2015 due primarily to higher equipment sales revenues reflecting increased sales under equipment installment plans.
- Operating income increased \$430.4 million, to \$336.5 million in 2015. Gain (loss) on license sales and exchanges, net and Gain (loss) on sale of business and other exit costs, net, combined, contributed \$260.7 million and \$119.1 million to operating income in 2015 and 2014, respectively. Operating income increased due to these gains, the impact of loyalty rewards points expiration and lower loss on equipment sold, selling, general and administrative expenses, and depreciation, amortization and accretion expense, partially offset by a decrease in billed ARPU and higher system operations expense.
- In July 2015, U.S. Cellular borrowed \$225 million under a senior term loan credit facility (“Term Loan”) to be used for general corporate purposes, including working capital, spectrum purchases and capital expenditures.
- Total additions to Property, plant and equipment were \$334.9 million, including expenditures to complete the network rollout of fourth generation Long-term Evolution (“4G LTE”) equipment, construct cell sites, increase capacity in existing cell sites and switches, outfit new and remodel existing retail stores, and enhance billing and other customer management related systems and platforms. Total cell sites in service increased 0.6% year-over-year to 6,246.

U.S. Cellular anticipates that its future results may be affected by the following factors:

- Effects of industry competition on service and equipment pricing;
- Impacts of selling devices under equipment installment plans, including potential variability in the number of customers choosing to sign an equipment installment contract as well as uncertainties related to the number, timing and realizable value of device trade-ins under equipment installment plans;
- Relative ability to attract and retain customers in a competitive marketplace in a cost effective manner;
- The nature and rate of growth in the wireless industry, requiring U.S. Cellular to grow revenues primarily from selling additional products and services to its existing customers, increasing the number of multi-device users among its existing customers, increasing data products and services and attracting wireless customers switching from other wireless carriers;
- Rapid growth in the demand for new data devices and services which may result in increased operating expenses and the need for additional investment in spectrum, network capacity and enhancements;

- Uncertainty related to various Federal Communications Commission (“FCC”) rules and proceedings, and litigation relating thereto;
  - The ability to negotiate satisfactory 4G LTE data roaming agreements with additional wireless operators; and
  - The effects of the following:
- U.S. Cellular completed the migration of its customers to a new Billing and Operational Support System (“B/OSS”) in the third quarter of 2013. In the fourth quarter of 2014, U.S. Cellular entered into certain arrangements pursuant to which U.S. Cellular now outsources certain support functions for its B/OSS to a third-party vendor. B/OSS is a complex system and any future operational problems with the system, including any failure by the vendor to provide the required level of service under the outsourcing arrangements, could have adverse effects on U.S. Cellular’s results of operations or cash flows;

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- U.S. Cellular holds a 5.5% ownership interest in the Los Angeles SMSA Limited Partnership (“LA Partnership”). U.S. Cellular has been informed by the general partner of the LA Partnership that the LA Partnership will not make a cash distribution in 2015. U.S. Cellular currently expects that it might receive a cash distribution in the latter half of 2016, although the amount of any such distribution is uncertain.

See Results of Operations—U.S. Cellular.

TDS Telecom

TDS Telecom provides wireline and cable broadband, video and voice services to approximately 1.2 million connections in 35 states. The overall strategy for the wireline and cable businesses is to own the best pipe in the market in order to capitalize on data growth and the need for higher broadband speeds. In addition, TDS Telecom provides a wide range of Information Technology (“IT”) services including colocation, dedicated hosting, hosted application management, cloud computing services and planning, engineering, procurement, installation, sales and management of IT infrastructure hardware solutions.

TDS Telecom’s wireline and cable strategy is to focus on broadband offerings and be the preferred communications solutions provider in its markets for both residential and commercial customers by developing and delivering high-quality broadband, video and voice products and services that meet or exceed customers’ needs, and to outperform the competition by delivering superior customer service. The company is leveraging existing processes, procedures, shared support teams, commercial expertise, and customer service focus in providing services to Wireline and Cable customers.

Through its hosted and managed services business, OneNeck IT Solutions, TDS Telecom aims to grow recurring revenues from mid-market businesses by leveraging core competencies in network management, IT, customer service and reliability to take advantage of the growing IT outsourcing marketplace.

On September 1, 2014, TDS acquired substantially all of the assets of a group of companies operating as BendBroadband. This acquisition impacts the comparability of TDS Telecom’s operating results.

TDS Telecom’s financial results for the nine months ended September 30, 2015 included the following:

- Operating revenues increased \$67.7 million, or 8%, to \$874.2 million in 2015 due to \$57.2 million from acquisitions. HMS equipment sales increased \$14.0 million.
- Operating expenses decreased \$22.3 million, or 3%, to \$810.3 million in 2015 due to the impact of an \$84.0 million non-cash goodwill impairment loss in 2014 offset by a \$45.7 million increase from acquisitions. HMS equipment cost of goods sold increased \$10.6 million.

TDS anticipates that TDS Telecom’s future results will be affected by the following factors:

- Continued increases in consumer data usage and demand for high-speed data services;
- The expansion of Internet Protocol television (“IPTV”) into additional market areas;
- Continued focus on customer retention programs, including discounting for “triple-play” bundles including broadband, video or satellite video and voice;
- Continued growth in hosted and managed services which may result in the need for additional investment in data centers;

- Continued increases in competition from wireless and other wireline providers, cable providers, satellite video providers, fiber overbuilders and technologies such as Voice over Internet Protocol (“VoIP”), DOCSIS 3.0 and further upgrades, and fourth-generation (“4G”) mobile technology;
- Continued declines in Wireline voice connections and wholesale minutes of use;
- Continued increases in content costs related to video products;
- The National Broadband Plan and other rulemaking by the FCC, including uncertainty related to future funding from the Universal Service Fund (“USF”), broadband requirements, intercarrier compensation, changes in access reform and net neutrality; and
- Potential acquisitions or divestitures by TDS and/or TDS Telecom of wireline, cable, HMS or other businesses.

See Results of Operations—TDS Telecom.



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REGULATORY MATTERS

The discussion below includes updates related to recent regulatory developments. These updates should be read in conjunction with the disclosures previously provided under “Regulatory Matters” in TDS’ Form 10-K for the year ended December 31, 2014.

FCC Net Neutrality Order

In February 2015, the FCC adopted an Open Internet Order relating to new net neutrality rules. The rules became effective in June 2015. The order reclassified high-speed, or broadband, internet access service as a “telecommunication service,” making it subject to common carrier regulation under Title II of the Communications Act of 1934. The order applies equally to fixed and wireless broadband internet service providers and thus applies to internet broadband services provided by telephone, cable and wireless providers.

The rules prohibit (i) blocking (broadband providers may not block access to legal content, applications, services, or non-harmful devices); (ii) throttling (broadband providers may not impair or degrade lawful Internet traffic on the basis of content, applications, services, or non-harmful devices); and (iii) paid prioritization (broadband providers may not favor some lawful internet traffic over other lawful traffic in exchange for consideration, i.e., internet “fast lanes” are prohibited). Also, internet service providers may not prioritize content and services of their affiliates. In addition, the FCC has now asserted jurisdiction over internet traffic exchange, so interconnection arrangements will now be subject to a statutory requirement that all charges, practices, classifications, and regulations for and in connection with interconnection must be just and reasonable. The rules also include a general conduct standard that will be applied on a case-by-case basis to address questionable practices as they occur that unreasonably interfere with or unreasonably disadvantage lawful content, applications, services, or devices to be used by end users (individuals or entities that use a broadband internet access service), or made available by edge providers (individuals or entities that provide any content, application, or service over the internet, and any individual or entity that provides a device used for accessing any content, application, or service over the internet). Although broadband internet access providers will be allowed to engage in reasonable network management practices, it is uncertain what practices will be permitted by the FCC. The order also expands the FCC’s current internet transparency rules.

All of these requirements will be subject to FCC enforcement and potential third-party claims for damages or equitable relief. Under Title II, the FCC will have broad regulatory authority over internet services and internet service providers. Although the FCC indicated that it will forbear from a number of utility-style regulations, such as rate regulation, tariffs, and unbundling requirements, the FCC could determine to apply such regulations and requirements in the future. Also, it is uncertain if internet services may be subject to the Federal Universal Service Fund (“USF”) contributions or taxation in the future as a result of the reclassification under Title II. Lawsuits have been filed challenging the net neutrality rules and the FCC’s decision to reclassify broadband internet access service under Title II. TDS cannot predict the outcome of these proceedings or the impact on its business.

Changes to FCC’s Designated Entity Rules

TDS participated in prior FCC spectrum auctions through limited partnerships that qualified as “designated entities” under FCC rules and, as such were eligible for bid credit discounts of 25% with respect to licenses won in the auctions. In July 2015, the FCC adopted a Report and Order that amended the FCC’s designated entity rules. The amended rules include caps on bid credits that designated entities may receive in future auctions and modify the attribution rules. The amended rules also restrict certain joint bidding agreements but permit certain other arrangements involving more than one party. Additionally, the amended rules make certain other changes to the FCC’s

competitive bidding rules. TDS is evaluating how these amended rules may impact future FCC spectrum auctions and its potential participation through a designated entity.

#### FCC Auction 1000

The FCC has scheduled an auction of 600 MHz spectrum licenses, referred to as Auction 1000. Auction 1000 involves: (1) a “reverse auction” in which broadcast television licensees submit bids to voluntarily relinquish spectrum usage rights in exchange for payments; (2) a “repacking” of the broadcast television bands in order to free up certain broadcast spectrum for other uses; and (3) a “forward auction” of licenses for spectrum cleared through this process. Interested broadcasters must file their applications by December 18, 2015 and forward auction bidders must file applications by January 28, 2016. TDS evaluates opportunities to acquire additional spectrum in FCC auctions and may participate in the forward auction as a bidder or member of a bidding group. If TDS participates in the forward auction, information relating to this will be disclosed at a later time, subject to FCC rules. In such event, applicable FCC anti-collusion rules will place certain restrictions on public disclosures and business communications with other companies relating to TDS’ participation, commencing on the application deadline of January 28, 2016 until the down payment deadline for Auction 1000, which will be ten business days after release of the FCC’s Channel Reassignment Public Notice. These anti-collusion rules, which could last six months or more, may restrict the conduct of certain TDS activities with other applicants in Auction 1000 as well as with nationwide providers of wireless services which are not applicants in Auction 1000. The restrictions could have an adverse effect on TDS’ business, financial condition or results of operations.

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Nine Months Ended September 30, 2015 Compared to Nine Months Ended September 30, 2014

## RESULTS OF OPERATIONS — CONSOLIDATED

| Nine Months Ended<br>September 30,<br>(Dollars in<br>thousands, except<br>per share amounts) | 2015        | 2014        | Change    | Percentage<br>Change |
|--|-------------|-------------|-----------|----------------------|
| Operating revenues   |             |             |           |                      |
| U.S. Cellular  | \$3,009,818 | \$2,884,003 | \$125,815 | 4%                   |
| TDS  | 874,172     | 806,423     | 67,749    | 8%                   |
| Telecom  |             |             |           |                      |
| All other (1)  | 17,796      | 21,951      | (4,155)   | (19)%                |
| Total  |             |             |           |                      |
| operating  | 3,901,786   | 3,712,377   | 189,409   | 5%                   |
| revenues   |             |             |           |                      |
| Operating expenses   |             |             |           |                      |
| U.S. Cellular  | 2,673,281   | 2,977,839   | (304,558) | (10)%                |
| TDS  | 810,294     | 832,560     | (22,266)  | (3)%                 |
| Telecom  |             |             |           |                      |
| All other (1)  | 10,027      | 55,798      | (45,771)  | (82)%                |
| (2)  |             |             |           |                      |
| Total  |             |             |           |                      |
| operating  | 3,493,602   | 3,866,197   | (372,595) | (10)%                |
| expenses   |             |             |           |                      |
| Operating income   |             |             |           |                      |
| (loss)   |             |             |           |                      |
| U.S. Cellular  | 336,537     | (93,836)    | 430,373   | >100%                |
| TDS  | 63,878      | (26,137)    | 90,015    | >100%                |
| Telecom  |             |             |           |                      |
| All other (1)  | 7,769       | (33,847)    | 41,616    | >100%                |
| (2)  |             |             |           |                      |
| Total  |             |             |           |                      |
| operating  | 408,184     | (153,820)   | 562,004   | >100%                |
| income   |             |             |           |                      |
| (loss)   |             |             |           |                      |
| Investment and other   |             |             |           |                      |
| income (expense)   |             |             |           |                      |
| Equity in  |             |             |           |                      |
| earnings of  |             |             |           |                      |
| unconsolidated   | 109,823     | 108,198     | 1,625     | 2%                   |
| entities   |             |             |           |                      |
| Interest and   |             |             |           |                      |
| dividend   | 28,119      | 9,763       | 18,356    | >100%                |
| income   |             |             |           |                      |

|  |           |             |           |       |
|--|-----------|-------------|-----------|-------|
| Interest expense   | (102,792) | (83,775)    | (19,017)  | (23)% |
| Other, net   | 142       | 279         | (137)     | (49)% |
| Total investment and other income (expense)                                  | 35,292    | 34,465      | 827       | 2%    |
| Income (loss) before income taxes  | 443,476   | (119,355)   | 562,831   | >100% |
| Income tax expense   | 178,780   | 7,276       | 171,504   | >100% |
| Net income (loss)  | 264,696   | (126,631)   | 391,327   | >100% |
| Less: Net income (loss) attributable to noncontrolling interests, net of tax | 44,827    | (6,817)     | 51,644    | >100% |
| Net income (loss) attributable to TDS shareholders                           | 219,869   | (119,814)   | 339,683   | >100% |
| Preferred dividend requirement   | (37)      | (37)        | -         | -     |
| Net income (loss) available to common shareholders                           | \$219,832 | \$(119,851) | \$339,683 | >100% |

- (1) Consists of corporate and other operations and intercompany eliminations.

- Compared to U.S. Cellular, TDS recognized an incremental gain of \$11.9 million on the Tower Sale in the nine months ended September 30, 2015 as a result of a lower basis in the assets disposed. See Note 6 — Acquisitions, Divestitures and Exchanges in the Notes to Consolidated Financial Statements for additional information. In 2014, TDS recognized expenses of \$20.8 million related to exit and disposal activities due to a License Purchase and Customer Recommendation Agreement between U.S. Cellular and Airadigm.

Operating revenues and expenses

See Results of Operations — U.S. Cellular and Results of Operations — TDS Telecom below for factors that affected consolidated Operating revenues and expenses.

Equity in earnings of unconsolidated entities

TDS' investment in the Los Angeles SMSA Limited Partnership ("LA Partnership") through U.S. Cellular contributed \$58.1 million and \$57.8 million to Equity in earnings of unconsolidated entities in 2015 and 2014, respectively.

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## Interest and dividend income

Interest and dividend income increased due to imputed interest income recognized on equipment installment plans of \$23.8 million and \$3.4 million in 2015 and 2014, respectively. See Note 3 — Equipment Installment Plans in the Notes to the Consolidated Financial Statements for additional information.

## Interest expense

The increase in interest expense was due primarily to U.S. Cellular's issuance of \$275 million of 7.25% Senior Notes in December 2014 and the \$225 million Term Loan in July 2015.

## Income tax expense

See Note 4 — Income Taxes in the Notes to Consolidated Financial Statements for additional discussion of the overall effective tax rate on Income (loss) before income taxes.

## Net income attributable to noncontrolling interests, net of tax

Net income attributable to noncontrolling interests, net of tax includes the noncontrolling public shareholders' share of U.S. Cellular's net income and the noncontrolling shareholders' or partners' share of certain TDS or U.S. Cellular subsidiaries' net income.

|   | Nine Months<br>Ended<br>September 30,<br>2015      2014 |           |
|---|---|-----------|
| (Dollars in<br>thousands)   |   |           |
| Net income (loss)<br>attributable to<br>noncontrolling<br>interests, net of tax |   |           |
| U.S. Cellular<br>noncontrolling<br>public<br>shareholders'                      | \$38,506  | \$(3,454) |
| Noncontrolling<br>shareholders' or<br>partners'                                 | 6,321   | (3,363)   |
|   | \$44,827  | \$(6,817) |



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## RESULTS OF OPERATIONS — U.S. CELLULAR

TDS provides wireless telephone service through U.S. Cellular, an 84%-owned subsidiary. U.S. Cellular owns, manages and invests in wireless markets throughout the United States.

## Summary Operating Data for U.S. Cellular Consolidated Markets

| As of or for Nine Months Ended                       | 2015       | 2014       |
|--|------------|------------|
| September 30,  |            |            |
| Retail Customers                                     |            |            |
| Postpaid   |            |            |
| Total at end of period                               | 4,341,000  | 4,200,000  |
| Gross additions                                      | 591,000    | 638,000    |
| Net additions (losses)                               | 43,000     | (67,000)   |
| ARPU(1)  | \$55.54    | \$56.87    |
| ARPA(2)  | \$138.55   | \$132.19   |
| Churn rate(3)  | 1.4%       | 1.9%       |
| Smartphone penetration(4)                            | 72%        | 62%        |
| Prepaid  |            |            |
| Total at end of period                               | 380,000    | 350,000    |
| Gross additions                                      | 209,000    | 214,000    |
| Net additions  | 32,000     | 7,000      |
| ARPU(1)  | \$35.88    | \$33.59    |
| Churn rate(3)  | 5.4%       | 6.6%       |
| Total customers at end of period                     | 4,807,000  | 4,674,000  |
| Billed ARPU(1)                                       | \$53.00    | \$53.47    |
| Service revenue ARPU(1)                              | \$59.29    | \$60.43    |
| Smartphones sold as a percent of total handsets sold | 87%        | 79%        |
| Total Population                                     |            |            |
| Consolidated markets(5)(7)                           | 50,313,000 | 60,136,000 |
| Consolidated operating markets(5)(7)                 | 31,814,000 | 31,729,000 |
| Market penetration at end of period                  |            |            |
| Consolidated markets(6)                              | 10%        | 8%         |
| Consolidated operating markets(6)                    | 15%        | 15%        |
| Capital expenditures (000s)                          | \$334,942  | \$375,960  |
| Total cell sites in service                          | 6,246      | 6,209      |
| Owned towers in service                              | 3,957      | 4,487      |

Average Revenue per User (“ARPU”) metrics are calculated by dividing a revenue base by an average (1) number of customers by the number of months in the period. These revenue bases and customer populations are shown below:



- a. Postpaid ARPU consists of total postpaid service revenues and postpaid customers.
- b. Prepaid ARPU consists of total prepaid service revenues and prepaid customers.
- c. Billed ARPU consists of total postpaid, prepaid and reseller service revenues and postpaid, prepaid and reseller customers.
- d. Service revenue ARPU consists of total postpaid, prepaid and reseller service revenues, inbound roaming and other service revenues and postpaid, prepaid and reseller customers.

(2) Average Revenue per Account (“ARPA”) metric is calculated by dividing total postpaid service revenues by the average number of postpaid accounts by the number of months in the period.

(3) Churn metrics represent the percentage of the postpaid or prepaid customers that disconnect service each month. These metrics represent the average monthly postpaid or prepaid churn rate for each respective period.

(4) Smartphones represent wireless devices which run on an Android, Apple, BlackBerry or Windows Mobile operating system, excluding connected devices. Smartphone penetration is calculated by dividing postpaid smartphone customers by total postpaid handset customers.

(5) During the third quarter of 2015, U.S. Cellular reassessed population statistics with respect to markets which U.S. Cellular consolidates and revised its calculations to more accurately accumulate such population statistics. As a result, prior period population data and corresponding market penetration ratios were revised for markets that U.S. Cellular currently consolidates, or previously consolidated in the periods presented. The decrease in the population of Consolidated markets is due primarily to the license exchange transactions of certain non-operating licenses in North Carolina in December 2014 and Illinois and Indiana in March 2015. Total Population is used only to calculate market penetration of consolidated markets and consolidated operating markets, respectively. See footnote (6) below.



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Market penetration is calculated by dividing the number of wireless customers at the end of the period by (6) the total population of consolidated markets and consolidated operating markets, respectively, as estimated by Claritas.

As licenses awarded in Auction 97 have not yet been granted, population statistics (7) related to such licenses have not been included in the population data.

## Components of Operating Income (Loss)

| Nine Months Ended<br>September 30,<br>(Dollars in thousands) | 2015        | 2014        | Change   | Percentage<br>Change |
|--|-------------|-------------|----------|----------------------|
| Retail service   | \$2,278,049 | \$2,254,716 | \$23,333 | 1%                   |
| Inbound roaming  | 148,542     | 174,283     | (25,741) | (15)%                |
| Other  | 121,953     | 119,150     | 2,803    | 2%                   |
| Service revenues   | 2,548,544   | 2,548,149   | 395      | -                    |
| Equipment sales  | 461,274     | 335,854     | 125,420  | 37%                  |

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|   |           |            |           |         |
|---|-----------|------------|-----------|---------|
| Total operating revenues  | 3,009,818 | 2,884,003  | 125,815   | 4%      |
| System operations<br>(excluding Depreciation,<br>amortization   | 585,935   | 567,488    | 18,447    | 3%      |
| and accretion reported<br>below)                                |           |            |           |         |
| Cost of equipment sold  | 779,228   | 850,314    | (71,086)  | (8)%    |
| Selling, general and<br>administrative                          | 1,106,524 | 1,197,361  | (90,837)  | (8)%    |
| Depreciation,<br>amortization and<br>accretion                  | 450,035   | 465,042    | (15,007)  | (3)%    |
| (Gain) loss on asset<br>disposals, net                          | 12,268    | 16,774     | (4,506)   | (27)%   |
| (Gain) loss on sale of<br>business and other exit<br>costs, net | (113,825) | (27,694)   | (86,131)  | >(100)% |
| (Gain) loss on license<br>sales and exchanges, net              | (146,884) | (91,446)   | (55,438)  | (61)%   |
| Total operating expenses  | 2,673,281 | 2,977,839  | (304,558) | (10)%   |
| Operating income (loss)   | \$336,537 | \$(93,836) | \$430,373 | >100%   |

## Operating Revenues

### Service revenues

Service revenues consist primarily of: (i) charges for access, airtime, roaming, recovery of regulatory costs and value added services, including data products and services, provided to U.S. Cellular's retail customers and to end users through third party resellers ("retail service"); (ii) charges to other wireless carriers whose customers use U.S. Cellular's wireless systems when roaming; and (iii) amounts received from the Federal Universal Service Fund ("USF"), tower rental revenue, and revenue from spectrum leases.

### Retail service revenues

Retail service revenues increased due primarily to the growth in U.S. Cellular's average customer base, offset by a decrease in billed ARPU, net of the impact of revenues recognized from expired rewards points.

Billed ARPU decreased to \$53.00 in 2015 from \$53.47 in 2014, reflecting a decrease in postpaid ARPU of \$1.33 due primarily to discounts on shared data plans provided to customers on equipment installment plans and those providing their own device at the time of activation or renewal, partially offset by the growth in customers, increased adoption of shared data plans and the \$1.50 postpaid ARPU impact of the revenue recognized from expired rewards points.

U.S. Cellular expects continued pressure on retail service revenues in the foreseeable future due to industry competition for customers and related effects on pricing of service plan offerings offset to some degree by continued adoption of smartphones and data usage. Beginning in the second quarter of 2014, U.S. Cellular expanded its offerings of equipment installment plans. To the extent that customers adopt these plans, U.S. Cellular expects an increase in equipment sales revenues. However, certain of the equipment installment plans provide the customer with a reduction in the monthly access charge for the device; thus, to the extent that existing customers adopt such plans, U.S. Cellular

expects a reduction in retail service revenues and ARPU.

Inbound roaming revenues

Inbound roaming revenues decreased due primarily to lower rates for both voice and data traffic and lower volumes for voice traffic.

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### Other revenues

Other revenues increased due primarily to increases in revenues from spectrum leases and mobile applications.

Revenues representing amounts received from the Federal USF in 2015 were \$69.1 million, which remained flat year over year. Pursuant to the FCC's Reform Order ("Reform Order"), U.S. Cellular's current Federal USF support is being phased down at the rate of 20% per year beginning July 1, 2012. The Phase II Mobility Fund was not operational as of July 2014 and therefore, as provided by the Reform Order, the phase down was suspended at 60% of the baseline amount. U.S. Cellular will continue to receive USF support at the 60% level until the FCC takes further action. At this time, U.S. Cellular cannot predict what changes that the FCC might make to the USF high cost support program and, accordingly, cannot predict whether such changes will have a material adverse effect on U.S. Cellular's business, financial condition or results of operations.

### Equipment sales revenues

Equipment sales revenues include revenues from sales of wireless devices and related accessories to both new and existing customers, as well as revenues from sales of devices to agents. U.S. Cellular offers a competitive line of quality wireless devices to both new and existing customers. U.S. Cellular's customer acquisition and retention efforts include offering new wireless devices to customers at discounted prices. U.S. Cellular also continues to sell wireless devices to agents including national retailers; this practice enables U.S. Cellular to provide better control over the quality of wireless devices sold to its customers, establish roaming preferences and earn quantity discounts from wireless device manufacturers which are passed along to agents and other retailers.

Equipment sales revenues increased due primarily to an increase in average revenue per device sold (including the impact of sales under equipment installment plans and a mix shift to smartphones and connected devices) and an increase in sales of accessories, partially offset by a decrease in total devices sold of 9%. Equipment sales revenues in 2015 include \$226.1 million related to equipment installment plan sales compared to \$111.8 million in 2014. See Note 3 — Equipment Installment Plans in the Notes to Consolidated Financial Statements for additional information.

### Operating Expenses

System operations expenses (excluding Depreciation, amortization and accretion)

System operations expenses (excluding Depreciation, amortization, and accretion) include charges from telecommunications service providers for U.S. Cellular's customers' use of their facilities, costs related to local interconnection to the wireline network, charges for cell site rent and maintenance of U.S. Cellular's network, long-distance charges, outbound roaming expenses and payments to third party data product and platform developers.

Key components of the net change in System operations expenses were as follows:

- Expenses incurred when U.S. Cellular's customers used other carriers' networks while roaming increased \$21.7 million, or 16%, due primarily to an increase in data roaming usage.
- Maintenance, utility and cell site expenses increased \$13.9 million, or 5%, driven primarily by an increase in cell site and switch maintenance.
- Customer usage expenses decreased by \$17.1 million, or 11%, driven by lower fees for platform and content providers and a decrease in toll message charges driven by rate reductions.

U.S. Cellular expects system operations expenses to increase in the future to support the continued growth in cell sites and other network facilities as it continues to add capacity, enhance quality and deploy new technologies as well as to support increases in total customer usage, particularly data usage. However, these increases are expected to be offset to some extent by cost savings generated by shifting data traffic to the 4G LTE network from the 3G network.

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### Cost of equipment sold

Cost of equipment sold decreased due primarily to a 9% reduction in the total number of devices sold and a slight decrease in the average cost per device sold due to lower costs from original equipment manufacturers, partially offset by higher sales of accessories. Cost of equipment sold in 2015 includes \$300.7 million related to equipment installment plan sales compared to \$160.9 million in 2014.

U.S. Cellular's loss on equipment, defined as equipment sales revenues less cost of equipment sold, was \$318.0 million and \$514.5 million for 2015 and 2014, respectively. The \$196.5 million decrease in loss on equipment was driven by a reduction in the total number of devices sold and a higher mix of equipment installment plan sales which have a lower loss per device. During the nine months ended September 30, 2015 and 2014, 43% and 20% of total devices sold to postpaid customers were made under equipment installment plans, respectively. In addition, lower handset sales contributed to the decline in loss on equipment.

U.S. Cellular expects loss on equipment to continue to be a significant cost in the foreseeable future as iconic data-centric wireless devices continue to increase in cost and wireless carriers continue to experience competitive pricing pressures. However, U.S. Cellular expects sales of devices under equipment installment plans will offset loss on equipment to some degree.

### Selling, general and administrative expenses

Selling, general and administrative expenses include salaries, commissions and expenses of field sales and retail personnel and facilities; telesales department salaries and expenses; agent commissions and related expenses; corporate marketing and merchandise management; and advertising expenses. Selling, general and administrative expenses also include bad debts expense, costs of operating customer care centers and corporate expenses.

Key components of the net change in Selling, general and administrative expenses were as follows:

- Selling and marketing expense decreased by \$22.9 million, or 4%, due primarily to decreases in labor and commissions expenses, partially offset by increases in advertising expenses.
- General and administrative expense decreased by \$67.9 million, or 10%, due primarily to lower consulting expenses related to the billing system updates and customer service operations and lower rates for roaming administration.

### Depreciation, amortization and accretion expenses

Depreciation, amortization and accretion decreased due primarily to the cessation of depreciation related to the Divestiture Transaction and by certain assets becoming fully depreciated, partially offset by an increase in amortization expense related to billing system updates. See Note 6 — Acquisitions, Divestitures and Exchanges in the Notes to Consolidated Financial Statements for additional information.

### (Gain) loss on asset disposals, net

(Gain) loss on asset disposals, net was a loss in both 2015 and 2014 due primarily to write-offs and disposals of certain network assets.

### (Gain) loss on sale of business and other exit costs, net



The net gain in 2015 was due primarily to a \$107.7 million gain recognized from the Tower Sale. The net gain in 2014 resulted from the continuing impact of the Divestiture Transaction. See Note 6 — Acquisitions, Divestitures and Exchanges in the Notes to Consolidated Financial Statements for additional information.

(Gain) loss on license sales and exchanges, net

The net gain in 2015 was due primarily to the license exchange of certain of U.S. Cellular's PCS licenses for certain other PCS licenses and cash in March 2015. The net gain in 2014 resulted from the sale of the St. Louis area non-operating market license and the license exchange in Milwaukee. See Note 6 — Acquisitions, Divestitures and Exchanges in the Notes to Consolidated Financial Statements for additional information.

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RESULTS OF OPERATIONS — TDS TELECOM

TDS Telecom provides broadband, video and voice telecommunications services in its Wireline and Cable segments, and provides hosted and managed services in its HMS segment.

On September 1, 2014, TDS acquired substantially all of the assets of BendBroadband, a full-service cable communications company. As part of the agreement, TDS also acquired a cable advertising and broadcast business and a Tier III data center providing colocation and managed services. The operations of the cable and cable advertising and broadcast businesses are included in the Cable segment. The operations of the data center are included in the HMS segment. This acquisition impacts the comparability of TDS Telecom's operating results.

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The following table summarizes customer connections for TDS Telecom's Wireline and Cable operations:

| As of or for the Nine<br>Months Ended<br>September 30, | 2015    | 2014    | Change   |
|--|---------|---------|----------|
| <b>Wireline</b>  |         |         |          |
| Residential<br>connections                             |         |         |          |
| Voice (1)  | 325,900 | 340,300 | (14,400) |
| Broadband (2)  | 231,600 | 231,600 | –        |
| IPTV (3)   | 30,300  | 20,700  | 9,600    |
| Wireline<br>residential<br>connections                 | 587,800 | 592,600 | (4,800)  |
| Total residential<br>revenue per<br>connection (4)     | \$42.42 | \$41.10 | \$1.32   |
| <b>Commercial</b>                                      |         |         |          |
| connections  |         |         |          |
| Voice (1)  | 176,700 | 199,300 | (22,600) |
| Broadband (2)  | 23,000  | 25,300  | (2,300)  |
| managedIP (5)  | 145,900 | 137,700 | 8,200    |
| Wireline<br>commercial<br>connections                  | 345,600 | 362,300 | (16,700) |
| Total Wireline<br>connections                          | 933,400 | 954,900 | (21,500) |
| <b>Cable</b>   |         |         |          |
| Cable<br>connections                                   |         |         |          |
| Video (6)  | 108,300 | 109,100 | (800)    |
| Broadband (7)  | 114,600 | 106,400 | 8,200    |
| Voice (7)  | 54,000  | 41,800  | 12,200   |
| Cable<br>connections                                   | 276,900 | 257,300 | 19,600   |

(1) The individual circuit connecting customers to TDS Telecom's central office facilities.

(2) The number of customers provided high-capacity data circuits via various technologies, including DSL and dedicated internet circuit technologies.

(3) The number of customers provided video services using IP networking technology.

- (4) Total residential revenue per connection is calculated by dividing the average residential revenue for the period by the average number of residential connections for the period.