

## Technology & Telecom Weekly

TTMI, PBI, SEC MOS, NBIS, ILDFP, ZAYO and UNIT

Last week we finally settled into August as earnings and news flow slowed. In tech, TTMI fulfilled its M&A ambitions with the \$1.1bn acquisition of Epiq Solutions, and PBI launched a \$50mn cash tender for its 2043s and 2037s. Within HPC, NBIS priced an upsized convertible notes offering and exchanged existing converts into equity, and NVDA agreed to support SB Energy's Ohio data center campus leased to OpenAI. Meanwhile, in telecom, ILDFP's owner continued to increase his stake in Tele2, ZAYO extended its agreement with GLW to support its fiber buildout, and UNIT announced the results of its tender for its 2028 and 2033 notes. We expect news flow to remain muted this week, with only one late reporter scheduled to release numbers, ESTC.

### North America Corporate Credit - Technology and Telecommunication Services (HY)

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#### Technology:

- TTM Technologies (TTMI) – Announced \$1.1bn acquisition of Epiq Solutions
- Pitney Bowes (PBI) – Launched cash tender offers for up to \$50mn across 2043s and 2037s, funded with cash on hand

#### High-Performance Compute:

- SB Energy (SEC MOS) – Nvidia agreed to support SB Energy's Ohio data center campus leased to OpenAI
- Nebius (NBIS) – Priced upsized \$5.0bn in convertible notes and exchanged \$800mn of existing convertible notes into equity

#### Telecom:

- Iliad (ILDFP) – Owner Xavier Niel has increased his economic exposure to Tele2 while avoiding a mandatory bid
- Zayo (ZAYO) – Expanded Corning supply agreement to lock in fiber through the end of the decade as AI-driven buildout accelerates
- Uniti Group (UNIT) – Announced results of tender offers for 2028/2033 notes

See page 27 for analyst certification and important disclosures.

## Technology

The high yield Technology index widened by 16bp to a YTW of 8.43% from 8.27% in the previous week, while the overall high yield index widened by 5bp to 7.34% compared to 7.29% in the previous week. The Technology STW widened 13bp to 418 while the overall high yield index widened 4bp to 310.

### Technology:

- **TTM Technologies (TTMI) – Announced \$1.1bn acquisition of Epiq Solutions.** TTMI agreed to acquire Epiq Solutions (a radar products company that complements TTMI's A&D business) for ~\$1.1bn in cash (~17.4x synergy-adjusted Adj. 2027 EBITDA), expected to close in 4Q26. The company has secured \$1.1bn of committed financing from several banks, including a \$300mn TLA and \$800mn TLB. Pro forma for the transaction, net leverage is expected to climb to ~2.3x from 0.9x as of 2Q26, with a target to delever back to ~1.5x–1.7x within 12–18 months. Epiq is expected to contribute ~\$160mn of revenue in 2027 with mid-30s EBITDA margins, and TTMI expects to realize ~\$9mn of synergies from the transaction.
- This transaction was hardly surprising, as TTMI has been below its historical 1.5–2.0x net leverage target for some time now and has historically been acquisitive. Further, under the May 2026 credit agreement, the company was able to add more TL facilities if need be. Thus, we knew M&A was top of mind for management (our August 2026 earnings [note](#) was titled “M&A in Focus”). Still, this is a big acquisition for TTM, and TTM is also spending heavily on ramping its new facilities to meet data center related demand, limiting upside for creditors.
- **Pitney Bowes (PBI) – Launched cash tender offers for up to \$50mn across 2043s and 2037s, funded with cash on hand.** PBI commenced tender offers to repurchase up to \$50mn of its 6.70% notes due 2043 (\$349.3mn outstanding; priority 1) and 5.250% notes due 2037 (\$31.1mn outstanding; priority 2), with consideration of 88c for the 2043s and 85c for the 2037s. The tender offer expires September 18 with settlement expected September 22, and the company intends to fund the repurchases with cash on hand.

### High-Performance Compute:

- **SB Energy (SECMOS) – Nvidia agreed to support SB Energy's Ohio data center campus leased to OpenAI.** Nvidia [agreed](#) to provide up to \$105bn of guarantees supporting OpenAI's 20-year lease of a large Ohio data center campus being developed by SoftBank-owned SB Energy, while also investing \$1.5bn directly into the developer. The data center campus will be equipped with Nvidia's semiconductors and computers, and Nvidia's backing will begin in phases from 2028 to 2030 and last for 20 years. The deal adds to an already huge commitment by OpenAI to buy Nvidia gear, which represents roughly \$600bn of revenue for Nvidia through 2030.
- **Nebius (NBIS) – Priced an upsized \$5.0bn in convertible notes and exchanged \$800mn of existing convertible notes into equity.** NBIS [priced](#) \$5.0bn of convertible notes (upsized from \$4.5bn) including \$3.0bn of 0.5% converts due 2030 and \$2.0bn of 4.5% converts due 2034. Initial purchasers have the option to purchase an additional \$450mn of the 2030s and \$300mn of the 2034s. Net proceeds of ~\$4.94bn (or ~\$5.68bn if fully upsized) will be used to fund NBIS' data center buildout, full-stack AI cloud investment, footprint expansion, and GPU

procurement.

- Concurrently, NBIS agreed to exchange \$400mn of its 2.00% 2029 converts and \$400mn of its 3.00% 2031 converts for ~15.8mn Class A shares.

## Telecommunications

The high yield Telecommunication index widened by 5bp to a YTW of 8.94% from 8.89% in the previous week, while the overall high yield index widened by 5bp to 7.34% compared to 7.29% in the previous week. The Telecommunication STW widened 4bp to 462 while the overall high yield index widened 4bp to 310.

### Telecom:

- **Iliad (ILDFP) – Owner Xavier Niel has increased his economic exposure to Tele2 while avoiding a mandatory bid.** According to *Dagens Industri*, Xavier Niel did this by converting A shares to B shares, which reduced his voting rights but raised his share of Tele2's capital. As a result, Niel now holds 23.5% of the capital and 28.1% of the votes, versus 22.1% and 29.1% at the end of June. The report notes that Niel sees more potential for the stock.
- **Zayo (ZAYO) – Expanded Corning supply agreement to lock in fiber through the end of the decade as AI-driven buildout accelerates.** ZAYO signed an expanded long-term supply agreement with Corning to secure a significant portion of its projected fiber needs through the remainder of the decade, aiming to de-risk execution as it undertakes one of its largest network expansions. Management framed the move as proactive supply assurance as AI workloads drive higher density connectivity needs, with ZAYO targeting ~15,000 incremental route miles by 2030 (including 8,000+ miles of new long-haul fiber in collaboration with NVIDIA) while adding capacity across existing corridors where AI infrastructure is clustering.
- **Uniti Group (UNIT) – Announced results of tender offers for 2028/2033 notes.** Investors elected to tender \$555mn of the notes, primarily concentrated in the 2028s and above the \$480mn cap. As a result, the company only accepted tenders for \$479mn of the 2028s and \$1.2mn of the 2033s. The company intends to settle the asset sale tender offers today.

## Relative Value Analysis

Table 1: High Performance Compute

| Investment Portfolio Overview         |                    |             |           |               |               |               |        |        |           |        |        |                   |           |            |                     |                               |                  |          |
|---------------------------------------|--------------------|-------------|-----------|---------------|---------------|---------------|--------|--------|-----------|--------|--------|-------------------|-----------|------------|---------------------|-------------------------------|------------------|----------|
| Coupon                                | Description        | Recomm.     | Maturity  | Moody's / S&P | Amount Outst. | Recent Quotes |        |        | Next Call |        |        | Location          | Size      | Completion | Tenant              | Lease                         | Amort            | Leverage |
|                                       |                    |             |           |               |               | Bid           | YTW    | Spread | Date      | YTC    | Price  |                   |           |            |                     |                               |                  |          |
| Meta-Partnered SPVs                   |                    | NC          |           |               |               |               |        |        |           |        |        |                   |           |            |                     |                               |                  |          |
| Beignet Investor LLC (RPLDCI)         |                    |             |           |               |               |               |        |        |           |        |        |                   |           |            |                     |                               |                  |          |
| 6.580%                                | Sec Nts            | NC          | 30-May-49 | NR/A+         | 27,293.8      | 96 4/7        | 6.88%  | 188bp  |           |        |        | LA                | 2.1 GW    | Jun-29     | Meta                | NNN / 4x5yr                   | Fully amort      |          |
| Sopaipilla Investor LLC (TXEDCI)      |                    |             |           |               |               |               |        |        |           |        |        |                   |           |            |                     |                               |                  |          |
| 7.534%                                | 1st lien           | NC          | 30-Nov-48 | NR/NR         | 12,639.5      | 103 1/5       | 7.25%  | 255bp  |           |        |        | TX                | 960 MW IT | Dec-28     | Meta                | NNN / 4x4yr                   | Fully amort      |          |
| QTS                                   |                    | NC          |           |               |               |               |        |        |           |        |        |                   |           |            |                     |                               |                  |          |
| QTS Thunder Managing Issuer LLC (QTS) |                    |             |           |               |               |               |        |        |           |        |        |                   |           |            |                     |                               |                  |          |
| S+225                                 | Term Loan B        | NC          | 22-Jul-33 | Baa3/NR       | 3250.0        | 99 1/5        | 6.51%  | 277bp  |           |        |        | VA / AZ / OH / TX | 494 MW IT | Complete   | 3 IG Hyperscalers   | Various                       | ~7% by maturity  |          |
| QTS Fayetteville I Dc1-2 LLC (QTSQST) |                    |             |           |               |               |               |        |        |           |        |        |                   |           |            |                     |                               |                  |          |
| 5.700%                                | Sr Sec Nts         | NC          | 15-Apr-36 | Baa2/NR       | 4,600.0       | 91 1/5        | 6.97%  | 235bp  | 15-Oct-35 | 7.06%  | 100.00 | GA                | 340 MW IT | Complete   | Microsoft           | Fixed NNN / 20yr + 15yr       | Bullet           |          |
| RD Michigan Property Owner I LLC      |                    | NC          |           |               |               |               |        |        |           |        |        |                   |           |            |                     |                               |                  |          |
| 7.500%                                | Sec Nts (1st Lien) | NC          | 30-Mar-45 | Baa3/NR       | 14,000.0      | 95 1/2        | 7.96%  | 309bp  | 30-Apr-29 | 9.57%  | 100.00 | MI                | 1,383 GW  | Apr-28     | Oracle              | NNN / ~17.6y WAL + ext        | Fully amort      |          |
| Hut 8                                 |                    |             |           |               |               |               |        |        |           |        |        |                   |           |            |                     |                               |                  |          |
| Hut 8 DC LLC (HUTRBA)                 |                    |             |           |               |               |               |        |        |           |        |        |                   |           |            |                     |                               |                  |          |
| 6.192%                                | Sec Nts (1.5 Lien) | NC          | 15-Nov-42 | NR/BBB-       | 3,250.0       | 98            | 6.39%  | 158bp  | 15-May-42 | 6.44%  | 100.00 | LA                | 330 MW    | Oct-27     | Fluidstack (Google) | Fixed NNN / 15y + 3x5yr       | Fully amort      | 8.4x     |
| Beacon Point DC LLC (HUTBPA)          |                    |             |           |               |               |               |        |        |           |        |        |                   |           |            |                     |                               |                  |          |
| 6.129%                                | 1st lien           | NC          | 30-Nov-42 | Baa2/NR       | 4,250.0       | 96            | 6.65%  | 195bp  | 30-May-42 | 6.54%  | 100.00 | TX                | 500 MW    | Nov-27     | Nvidia              | Fixed NNN / 15y + 3x5yr       | Fully amort      | 8.0x     |
| CoreWeave                             |                    | Overweight  |           |               |               |               |        |        |           |        |        |                   |           |            |                     |                               |                  |          |
| 9.250%                                | Sr Nts             | OW          | 1-Jun-30  | B1/B          | 2,000.0       | 94 1/2        | 11.07% | 681bp  | 1-Jun-27  | 24.98% | 104.63 |                   |           |            |                     |                               |                  | 6.8x     |
| 9.000%                                | Sr Nts             | OW          | 1-Feb-31  | B1/B          | 1,750.0       | 91 4/7        | 11.47% | 716bp  | 1-Feb-28  | 19.48% | 104.50 |                   |           |            |                     |                               |                  | 6.8x     |
| 9.750%                                | Sr Nts             | OW          | 1-Oct-31  | B1/B          | 2,750.0       | 91 1/2        | 12.02% | 767bp  | 1-Oct-28  | 17.36% | 104.88 |                   |           |            |                     |                               |                  | 6.8x     |
| TeraWulf                              |                    | Underweight |           |               |               |               |        |        |           |        |        |                   |           |            |                     |                               |                  |          |
| WULF Compute (WULF)                   |                    |             |           |               |               |               |        |        |           |        |        |                   |           |            |                     |                               |                  |          |
| 7.750%                                | Sec Nts            | UW          | 15-Oct-30 | Baa2/BB       | 3,200.0       | 104           | 6.34%  | 212bp  | 15-Oct-27 | 7.39%  | 103.88 | Upstate NY        | 523 MW    | Dec-26     | Fluidstack (Google) | Gross / 10yr + 2x5yr          | ~40% by maturity | 5.1x     |
| Fluidstack                            |                    | NC          |           |               |               |               |        |        |           |        |        |                   |           |            |                     |                               |                  |          |
| Flash Compute (FLASHC)                |                    |             |           |               |               |               |        |        |           |        |        |                   |           |            |                     |                               |                  |          |
| 7.250%                                | Sec Nts            | NC          | 31-Dec-30 | Ba3/NR        | 1,300.0       | 101           | 6.93%  | 268bp  | 31-Dec-27 | 9.27%  | 103.63 | West TX           | 240 MW    | Sep-26     | Fluidstack (Google) | Gross / 25y + short to 15-20y | ~30% by maturity | 5.9x     |

Source: Company reports and J.P. Morgan estimates.

Table 2: High Performance Compute (cont.)

| Investment Opportunities          |                       |         |           |               |               |               |        |        |           |        |          |           |            |        |                      |                               |                  |       |
|-----------------------------------|-----------------------|---------|-----------|---------------|---------------|---------------|--------|--------|-----------|--------|----------|-----------|------------|--------|----------------------|-------------------------------|------------------|-------|
| Coupon                            | Description           | Recomm. | Maturity  | Moody's / S&P | Amount Outst. | Recent Quotes |        |        | Next Call |        | Location | Size      | Completion | Tenant | Lease                | Amort                         | Leverage         |       |
|                                   |                       |         |           |               |               | Bid           | YTW    | Spread | Date      | YTC    |          |           |            |        |                      |                               |                  | Price |
| Cipher Digital                    |                       |         |           |               |               |               |        |        |           |        |          |           |            |        |                      |                               |                  |       |
| Overweight                        |                       |         |           |               |               |               |        |        |           |        |          |           |            |        |                      |                               |                  |       |
| Cipher Compute LLC (CIFR)         | Sr Sec Nts (1st Lien) | OW      | 15-Nov-30 | Ba3/NR        | 1,733.0       | 101 7/8       | 6.47%  | 224bp  | 15-Nov-27 | 8.39%  | 103.56   | West TX   | 300 MW     | Feb-27 | Fluidstack (Google)  | Gross / 10yr + 2x5yr          | ~40% by maturity | 4.5x  |
| 7.125%                            |                       |         |           |               |               |               |        |        |           |        |          |           |            |        |                      |                               |                  |       |
| Black Pearl Compute (BLKPRL)      | Sr Sec Nts            | OW      | 15-Feb-31 | Ba2/NR        | 2,000.0       | 100 3/8       | 6.00%  | 176bp  | 15-Feb-28 | 7.79%  | 103.06   | West TX   | 300 MW     | Mar-27 | Amazon               | Fixed NNN / 15yr + 3x5yr      | ~30% by maturity | 5.7x  |
| 6.125%                            |                       |         |           |               |               |               |        |        |           |        |          |           |            |        |                      |                               |                  |       |
| Stringray Compute (STNGRY)        | Secured               | NC      | 15-Jun-31 | Ba2/NR        | 810.0         | 97 3/4        | 6.55%  | 216bp  | 15-Jun-28 | 8.92%  | 103.00   | West TX   | 100 MW     | May-27 | Amazon               | Fixed NNN / 15yr + 3x5yr      | ~30% by maturity | 6.6x  |
| 6.000%                            |                       |         |           |               |               |               |        |        |           |        |          |           |            |        |                      |                               |                  |       |
| Applied Digital                   |                       |         |           |               |               |               |        |        |           |        |          |           |            |        |                      |                               |                  |       |
| Overweight                        |                       |         |           |               |               |               |        |        |           |        |          |           |            |        |                      |                               |                  |       |
| Applied Digital Corp (APLD)       | Sec Nts               | OW      | 15-Dec-30 | NR/BB-        | 2,350.0       | 105 2/5       | 7.38%  | 314bp  | 15-Dec-27 | 8.24%  | 104.63   | ND        | 330 MW     | Jun-26 | CoreWeave (@ IG Box) | Gross / 15yr + 3x5yr          | ~25% by maturity | 7.0x  |
| 9.250%                            |                       |         |           |               |               |               |        |        |           |        |          |           |            |        |                      |                               |                  |       |
| APLD ComputeCo 2 LLC (PFORGE)     | Sr Sec Nts            | OW      | 15-Mar-31 | Ba3/NR        | 2,150.0       | 97 3/5        | 7.38%  | 307bp  | 15-Mar-28 | 10.60% | 103.38   | ND        | 280 MW     | Apr-27 | Oracle               | Gross / 15yr + 2x5yr          | ~20% by maturity | 8.1x  |
| 6.750%                            |                       |         |           |               |               |               |        |        |           |        |          |           |            |        |                      |                               |                  |       |
| APLD ComputeCo 3 LLC (ELNFOR)     | Sr Sec Nts (1st Lien) | NC      | 15-Jun-31 | NR/BB-        | 1,590.0       | 96 1/9        | 8.22%  | 383bp  | 15-Jun-28 | 11.59% | 103.50   | ND        | 198 MW     | Jul-27 | CoreWeave            | Gross / 15yr + 3x5yr          | ~13% by maturity | 7.6x  |
| 7.000%                            |                       |         |           |               |               |               |        |        |           |        |          |           |            |        |                      |                               |                  |       |
| Fleet Data Centers                |                       |         |           |               |               |               |        |        |           |        |          |           |            |        |                      |                               |                  |       |
| NC                                |                       |         |           |               |               |               |        |        |           |        |          |           |            |        |                      |                               |                  |       |
| SV RNO Property Owner 1 (TRACTC)  | Sec Nts               | NC      | 1-Mar-31  | Ba1/BB+       | 3,800.0       | 92 1/4        | 7.94%  | 363bp  | 1-Mar-28  | 13.54% | 102.94   | Reno      | 240 MW     | Jun-28 | Nvidia               | YoC NNN / 16yr + 2x10yr       | ~10% by maturity | 8.5x  |
| 5.875%                            |                       |         |           |               |               |               |        |        |           |        |          |           |            |        |                      |                               |                  |       |
| SV RNO Property Owner 1 (TRACTD)  | Sec Nts               | NC      | 1-May-31  | Ba1/BB        | 4,585.0       | 93 4/9        | 8.20%  | 388bp  | 1-May-28  | 12.60% | 103.25   | Reno      | 240 MW     | Apr-28 | Nvidia               | YoC NNN / 16yr + 2x10yr       | ~9% by maturity  | 9.4x  |
| 6.500%                            |                       |         |           |               |               |               |        |        |           |        |          |           |            |        |                      |                               |                  |       |
| Fluidstack / Next Frontier JV     |                       |         |           |               |               |               |        |        |           |        |          |           |            |        |                      |                               |                  |       |
| NC                                |                       |         |           |               |               |               |        |        |           |        |          |           |            |        |                      |                               |                  |       |
| Zenith ARC (ZENARC)               | Secured               | NC      | 31-Aug-31 | Ba2/BB        | 2,250.0       | 96 1/4        | 9.83%  | 544bp  | 31-Aug-28 | 13.01% | 104.44   | IN        | 200 MW     | Nov-28 | Jane Street          | Fixed NNN / 15yr + 2x5yr      | ~10% by maturity | 8.4x  |
| 8.875%                            |                       |         |           |               |               |               |        |        |           |        |          |           |            |        |                      |                               |                  |       |
| Meridian ARC Holdco LLC (MERIDI)  | Sec Nts               | NC      | 30-Apr-31 | Ba2/BB-       | 5,700.0       | 95 5/8        | 7.37%  | 305bp  | 30-Apr-28 | 9.73%  | 103.13   | IN        | 581 MW     | Nov-27 | Fluidstack (Google)  | YoC NNN / 15yr + 3x5yr        | ~15% by maturity | 8.4x  |
| 6.250%                            |                       |         |           |               |               |               |        |        |           |        |          |           |            |        |                      |                               |                  |       |
| Edged Compute LLC                 |                       |         |           |               |               |               |        |        |           |        |          |           |            |        |                      |                               |                  |       |
| NC                                |                       |         |           |               |               |               |        |        |           |        |          |           |            |        |                      |                               |                  |       |
| Edged Compute LLC                 | Sec Nts               | NC      | 30-Apr-31 | NR/BB+        | 1,300.0       | 94 1/4        | 9.02%  | 470bp  | 30-Apr-28 | 13.97% | 103.75   | Chi / Atl | 114 MW IT  | Dec-27 | CoreWeave & Alibaba  | Mixed / 15&16yr + 2x5yr       | ~10% by maturity | 7.3x  |
| 7.500%                            |                       |         |           |               |               |               |        |        |           |        |          |           |            |        |                      |                               |                  |       |
| Core Scientific Finance           |                       |         |           |               |               |               |        |        |           |        |          |           |            |        |                      |                               |                  |       |
| NC                                |                       |         |           |               |               |               |        |        |           |        |          |           |            |        |                      |                               |                  |       |
| Core Scientific Finance           | Sec Nts               | NC      | 15-May-31 | NR/BB         | 3,300.0       | 97 3/4        | 8.33%  | 401bp  | 15-May-28 | 11.53% | 103.88   | Various   | 900 MW     | Jun-27 | CoreWeave            | Gross / most 12yr + 2x5yr     | ~25% by maturity | 5.6x  |
| 7.750%                            |                       |         |           |               |               |               |        |        |           |        |          |           |            |        |                      |                               |                  |       |
| SE Cosmos LLC                     |                       |         |           |               |               |               |        |        |           |        |          |           |            |        |                      |                               |                  |       |
| NC                                |                       |         |           |               |               |               |        |        |           |        |          |           |            |        |                      |                               |                  |       |
| SE Cosmos LLC                     | Sr Sec Nts (1st Lien) | NC      | 1-May-31  | NR/BB+        | 999.0         | 99 1/2        | 9.00%  | 468bp  | 1-May-28  | 11.93% | 104.44   | Austin TX | 70 MW      | Jun-27 | SoftBank sub         | YoC NNN / 15yr + 10yr         | None             | 7.5x  |
| 8.875%                            |                       |         |           |               |               |               |        |        |           |        |          |           |            |        |                      |                               |                  |       |
| Elk Grove Village Property LLC    |                       |         |           |               |               |               |        |        |           |        |          |           |            |        |                      |                               |                  |       |
| NC                                |                       |         |           |               |               |               |        |        |           |        |          |           |            |        |                      |                               |                  |       |
| Elk Grove Village Property LLC    | Sr Sec Nts            | NC      | 15-Jun-31 | Ba3/BB-       | 900.0         | 96 2/7        | 8.45%  | 413bp  | 15-Jun-28 | 11.90% | 103.75   | Chi       | 108 MW     | Feb-27 | CoreWeave            | Fixed NNN / 15yr + 2x7yr      | ~22% by maturity | 7.0x  |
| 7.500%                            |                       |         |           |               |               |               |        |        |           |        |          |           |            |        |                      |                               |                  |       |
| Yondr JK 1 LLC                    |                       |         |           |               |               |               |        |        |           |        |          |           |            |        |                      |                               |                  |       |
| NC                                |                       |         |           |               |               |               |        |        |           |        |          |           |            |        |                      |                               |                  |       |
| Yondr JK 1 LLC                    | Sr Sec Nts (1st Lien) | NC      | 30-Jun-31 | Ba3/NR        | 715.0         | 93 1/2        | 8.53%  | 420bp  | 30-Jun-28 | 12.75% | 103.44   | VA        | 48 MW IT   | Oct-28 | Oracle               | Modified Gross / 15yr + 2x5yr | ~8% by maturity  | 8.5x  |
| 6.875%                            |                       |         |           |               |               |               |        |        |           |        |          |           |            |        |                      |                               |                  |       |
| Galaxy Helios Data Centers II LLC |                       |         |           |               |               |               |        |        |           |        |          |           |            |        |                      |                               |                  |       |
| NC                                |                       |         |           |               |               |               |        |        |           |        |          |           |            |        |                      |                               |                  |       |
| Galaxy Helios Data Centers II LLC | Secured               | NC      | 1-Aug-31  | NR/BB-        | 3,507.0       | 99 1/8        | 10.10% | 571bp  | 1-Aug-28  | 12.70% | 104.94   | TX        | 400 MW     | Mar-28 | CoreWeave            | YoC Gross / 15yr + 2x5yr      | ~11% by maturity | 8.2x  |
| 9.875%                            |                       |         |           |               |               |               |        |        |           |        |          |           |            |        |                      |                               |                  |       |

Source: Company reports and J.P. Morgan estimates.

Table 3: Technology: Hardware / Equipment

| Coupon                  | Description           | Maturity  | Moody's / | Amount  | Recent Quotes |       |        | Next Call |        | LTM      | EBITDA | Debt / | Net Debt / | EBITDA / |
|-------------------------|-----------------------|-----------|-----------|---------|---------------|-------|--------|-----------|--------|----------|--------|--------|------------|----------|
|                         |                       |           | S&P       | Outst.  | Bid           | YTW   | Spread | Date      | Price  | EBITDA   | Margin | EBITDA | EBITDA     | Interest |
| CDW LLC                 |                       |           |           |         |               |       |        |           |        |          |        |        |            |          |
| 4.125%                  | Sr Nts                | 1-May-25  | Baa3/BBB- | 211.3   | 100           | 4.86% | 52bp   |           |        | \$1,976  | 8.4%   | 3.0x   | 2.8x       | 9.0x     |
| 4.250%                  | Sr Nts                | 1-Apr-28  | Baa3/BBB- | 600.0   | 98 3/4        | 5.05% | 97bp   |           |        | \$1,976  | 8.4%   | 3.0x   | 2.8x       | 9.0x     |
| 3.250%                  | Sr Nts                | 15-Feb-29 | Baa3/BBB- | 700.0   | 95 4/9        | 5.23% | 104bp  |           |        | \$1,976  | 8.4%   | 3.0x   | 2.8x       | 9.0x     |
| 2.670%                  | Sr Nts                | 1-Dec-26  | Baa3/BBB- | 1,000.0 | 99 2/5        | 4.84% | 104bp  | 1-Nov-26  | 100.00 | \$1,976  | 8.4%   | 3.0x   | 2.8x       | 9.0x     |
| 3.276%                  | Sr Nts                | 1-Dec-28  | Baa3/BBB- | 500.0   | 96 1/7        | 5.08% | 91bp   | 1-Oct-28  | 100.00 | \$1,976  | 8.4%   | 3.0x   | 2.8x       | 9.0x     |
| 3.569%                  | Sr Nts                | 1-Dec-31  | Baa3/BBB- | 1,000.0 | 90 1/2        | 5.67% | 132bp  | 1-Sep-31  | 100.00 | \$1,976  | 8.4%   | 3.0x   | 2.8x       | 9.0x     |
| *Covered by Erica Spear |                       |           |           |         |               |       |        |           |        |          |        |        |            |          |
| Coherent                |                       |           |           |         |               |       |        |           |        |          |        |        |            |          |
| S+175                   | Term Loan B B-2       | 2-Jul-29  | Ba1/BB+   | 1,080.0 | 100           | 5.68% | 194bp  |           |        | \$1,520  | 21.4%  | 1.5x   | 0.2x       | 8.0x     |
| 5.000%                  | Sr Nts                | 15-Dec-29 | B1/BB-    | 990.0   | 98 4/5        | 5.40% | 116bp  | 14-Dec-26 | 102.50 | \$1,520  | 21.4%  | 2.1x   | 0.8x       | 8.0x     |
| Dell Inc                |                       |           |           |         |               |       |        |           |        |          |        |        |            |          |
| 6.020%                  | Sr Sec Nts (1st Lien) | 15-Jun-26 | Baa2/BBB  | 2,486.4 | 101 2/9       | 4.71% | 60bp   | 15-Mar-26 | 100.00 | \$15,141 | 11.3%  | 2.1x   | 1.3x       | 9.5x     |
| 4.900%                  | Sr Sec Nts (1st Lien) | 1-Oct-26  | Baa2/BBB+ | 1,750.0 | 100           | 4.70% | 97bp   |           |        | \$15,141 | 11.3%  | 2.1x   | 1.3x       | 9.5x     |
| 6.100%                  | Sr Sec Nts (1st Lien) | 15-Jul-27 | Baa2/BBB+ | 500.0   | 101 1/9       | 4.54% | 62bp   | 15-May-27 | 100.00 | \$15,141 | 11.3%  | 2.1x   | 1.3x       | 9.5x     |
| 7.100%                  | Sr Nts                | 15-Apr-28 | Baa3/BBB+ | 300.0   | 104           | 4.57% | 48bp   |           |        | \$15,141 | 11.3%  | 2.1x   | 1.3x       | 9.5x     |
| 5.300%                  | Sr Sec Nts (1st Lien) | 1-Oct-29  | Baa2/BBB+ | 1,750.0 | 101 1/5       | 4.85% | 63bp   | 1-Jul-29  | 100.00 | \$15,141 | 11.3%  | 2.1x   | 1.3x       | 9.5x     |
| 6.200%                  | Sr Sec Nts (1st Lien) | 15-Jul-30 | Baa2/BBB+ | 750.0   | 104 1/8       | 4.95% | 70bp   | 15-Apr-30 | 100.00 | \$15,141 | 11.3%  | 2.1x   | 1.3x       | 9.5x     |
| 8.100%                  | Sr Sec Nts (1st Lien) | 15-Jul-36 | Baa2/BBB+ | 990.8   | 116 3/5       | 5.79% | 118bp  | 15-Jan-36 | 100.00 | \$15,141 | 11.3%  | 2.1x   | 1.3x       | 9.5x     |
| 6.500%                  | Sr Nts                | 15-Apr-38 | Baa3/BBB+ | 387.8   | 105           | 5.90% | 121bp  |           |        | \$15,141 | 11.3%  | 2.1x   | 1.3x       | 9.5x     |
| 5.400%                  | Sr Nts                | 10-Sep-40 | Baa3/BBB+ | 264.4   | 94 1/9        | 6.03% | 128bp  |           |        | \$15,141 | 11.3%  | 2.1x   | 1.3x       | 9.5x     |
| 8.350%                  | Sr Sec Nts (1st Lien) | 15-Jul-46 | Baa2/BBB+ | 645.9   | 121 5/8       | 6.39% | 149bp  | 15-Jan-46 | 100.00 | \$15,141 | 11.3%  | 2.1x   | 1.3x       | 9.5x     |
| *Covered by Erica Spear |                       |           |           |         |               |       |        |           |        |          |        |        |            |          |

Source: J.P. Morgan and company reports.

Table 4: Technology: Hardware / Equipment (cont.)

| Moody's / Amount   |             |           |          |         |               |       |        |           |        |         |        |        |            |          |
|--------------------|-------------|-----------|----------|---------|---------------|-------|--------|-----------|--------|---------|--------|--------|------------|----------|
|                    |             |           |          |         | Recent Quotes |       |        | Next Call |        | LTM     | EBITDA | Debt / | Net Debt / | EBITDA / |
| Coupon             | Description | Maturity  | S&P      | Outst.  | Bid           | YTW   | Spread | Date      | Price  | EBITDA  | Margin | EBITDA | EBITDA     | Interest |
| NCR Voyix Corp     |             |           |          |         |               |       |        |           |        |         |        |        |            |          |
| 5.000%             | Sr Nts      | 1-Oct-28  | B2/B+    | 650.0   | 97 5/6        | 6.10% | 194bp  |           |        | \$431   | 17.0%  | 2.6x   | 2.0x       | 7.1x     |
| 5.125%             | Sr Nts      | 15-Apr-29 | B2/B+    | 402.9   | 97 1/2        | 6.16% | 196bp  |           |        | \$431   | 17.0%  | 2.6x   | 2.0x       | 7.1x     |
| 5.250%             | Sr Nts      | 1-Oct-30  | B2/B+    | 52.1    | 89 1/2        | 8.31% | 402bp  | 1-Oct-26  | 101.75 | \$431   | 17.0%  | 2.6x   | 2.0x       | 7.1x     |
| Nokia              |             |           |          |         |               |       |        |           |        |         |        |        |            |          |
| 4.375%             | Sr Nts      | 12-Jun-27 | Ba1/BBB- | 500.0   | 99 1/3        | 5.18% | 125bp  |           |        | \$1,781 | 8.8%   | 1.9x   | -1.0x      | 11.7x    |
| 6.450%             | Sr Nts      | 15-Mar-29 | NR/NR    | 206.0   | 100 1/8       | 6.39% | 220bp  |           |        | \$1,781 | 8.8%   | 1.9x   | -1.0x      | 11.7x    |
| 6.625%             | Sr Nts      | 15-May-39 | Ba1/BBB- | 500.0   | 102 2/5       | 6.34% | 163bp  |           |        | \$1,781 | 8.8%   | 1.9x   | -1.0x      | 11.7x    |
| Pitney Bowes       |             |           |          |         |               |       |        |           |        |         |        |        |            |          |
| 6.875%             | Sr Nts      | 15-Mar-27 | B2/B+    | 380.0   | 99 2/3        | 7.07% | 308bp  | 15-Mar-26 | 100.00 | \$590   | 31.6%  | 3.7x   | 3.2x       | 9.7x     |
| 7.250%             | Sr Nts      | 15-Mar-29 | B2/B     | 476.0   | 100 8/9       | 5.63% | 173bp  | 15-Mar-27 | 100.00 | \$590   | 31.6%  | 3.7x   | 3.2x       | 9.7x     |
| 5.250%             | Sr Nts      | 15-Jan-37 | B3/B     | 35.8    | 77 1/8        | 8.62% | 397bp  |           |        | \$590   | 31.6%  | 3.7x   | 3.2x       | 9.7x     |
| Seagate Technology |             |           |          |         |               |       |        |           |        |         |        |        |            |          |
| 4.091%             | Sr Nts      | 1-Jun-29  | Ba3/BB+  | 430.9   | 97            | 5.24% | 103bp  | 1-Mar-29  | 100.00 | \$3,213 | 26.3%  | 1.2x   | 0.7x       | 11.3x    |
| 3.125%             | Sr Nts      | 15-Jul-29 | Ba3/BB+  | 99.8    | 90 1/2        | 6.78% | 257bp  |           |        | \$3,213 | 26.3%  | 1.2x   | 0.7x       | 11.3x    |
| 4.125%             | Sr Nts      | 15-Jan-31 | Ba3/BB+  | 213.2   | 94 1/4        | 5.62% | 131bp  | 15-Oct-30 | 100.00 | \$3,213 | 26.3%  | 1.2x   | 0.7x       | 11.3x    |
| 3.375%             | Sr Nts      | 15-Jul-31 | Ba3/BB+  | 44.8    | 87            | 6.51% | 218bp  | 15-Jan-27 | 101.13 | \$3,213 | 26.3%  | 1.2x   | 0.7x       | 11.3x    |
| 5.750%             | Sr Nts      | 1-Dec-34  | Ba3/BB+  | 327.6   | 99            | 5.90% | 137bp  | 1-Jun-34  | 100.00 | \$3,213 | 26.3%  | 1.2x   | 0.7x       | 11.3x    |
| Axon Enterprises   |             |           |          |         |               |       |        |           |        |         |        |        |            |          |
| 6.125%             | Sr Nts      | 15-Mar-30 | Ba2/BB+  | 1,000.0 | 101 3/5       | 5.45% | 126bp  | 15-Mar-27 | 103.06 | \$757   | 23.5%  | 2.3x   | 1.4x       | 2.7x     |
| 6.250%             | Sr Nts      | 15-Mar-33 | Ba2/BB+  | 750.0   | 101 2/3       | 5.72% | 146bp  | 15-Mar-28 | 103.13 | \$757   | 23.5%  | 2.3x   | 1.4x       | 2.7x     |

Source: J.P. Morgan and company reports



Table 5: Technology: Hardware / Equipment (cont.)

|                     |                       |           | Moody's / Amount |         | Recent Quotes |        |         | Next Call |        | LTM     | EBITDA | Debt / | Net Debt / | EBITDA / |
|---------------------|-----------------------|-----------|------------------|---------|---------------|--------|---------|-----------|--------|---------|--------|--------|------------|----------|
| Coupon              | Description           | Maturity  | S&P              | Outst.  | Bid           | YTW    | Spread  | Date      | Price  | EBITDA  | Margin | EBITDA | EBITDA     | Interest |
| TTM Technologies    |                       |           |                  |         |               |        |         |           |        |         |        |        |            |          |
| S+175               | Term Loan B           | 30-May-30 | Ba1/BB+          | 394.7   | 99 3/4        | 5.81%  | 207bp   |           |        | \$547   | 16.2%  | 0.9x   | 0.0x       | 12.5x    |
| 4.000%              | Sr Nts                | 1-Mar-29  | Ba3/B+           | 500.0   | 96            | 5.74%  | 155bp   |           |        | \$547   | 16.2%  | 1.8x   | 0.9x       | 12.5x    |
| Xerox               |                       |           |                  |         |               |        |         |           |        |         |        |        |            |          |
| S+400               | Term Loan B           | 19-Nov-29 | B2/B-            | 673.4   | 75 6/7        | 18.67% | 1,493bp |           |        | \$634   | 8.2%   | 2.5x   | 1.7x       | 1.8x     |
| 5.000%              | Sr Nts                | 15-Aug-25 | B3/B+            | 388.0   | 99            | 7.66%  | 340bp   | 15-Jul-25 | 100.00 | \$634   | 8.2%   | 7.0x   | 6.2x       | 1.8x     |
| 5.500%              | Sr Nts                | 15-Aug-28 | Caa3/D           | 556.1   | 58 1/2        | 36.72% | 3,256bp | 15-Jul-28 | 100.00 | \$634   | 8.2%   | 7.0x   | 6.2x       | 1.8x     |
| 8.875%              | Guar Sr Nts           | 30-Nov-29 | Caa3/CCC         | 500.0   | 40 3/4        | 45.10% | 4,086bp | 30-Nov-26 | 104.44 | \$634   | 8.2%   | 7.0x   | 6.2x       | 1.8x     |
| 10.250%             | Sec Nts               | 15-Oct-30 | B2/B-            | 400.0   | 88            | 14.16% | 987bp   | 15-Apr-27 | 105.13 | \$634   | 8.2%   | 2.5x   | 1.7x       | 1.8x     |
| 13.500%             | Sr Sec Nts (2nd Lien) | 15-Apr-31 | Caa1/CCC         | 500.0   | 65 2/3        | 26.81% | 2,249bp | 15-Apr-28 | 106.75 | \$634   | 8.2%   | 3.2x   | 2.5x       | 1.8x     |
| 4.800%              | Sr Nts                | 1-Mar-35  | Ca/CCC           | 250.0   | 34 2/7        | 22.39% | 1,784bp |           |        | \$634   | 8.2%   | 7.0x   | 6.2x       | 1.8x     |
| 6.750%              | Sr Nts                | 15-Dec-39 | Ca/CCC           | 350.0   | 35 1/3        | 21.78% | 1,705bp |           |        | \$634   | 8.2%   | 7.0x   | 6.2x       | 1.8x     |
| Western Digital     |                       |           |                  |         |               |        |         |           |        |         |        |        |            |          |
| 4.750%              | Sr Nts                | 15-Feb-26 | Ba2/BB           | 2,300.0 | 99 1/2        | 5.31%  | 122bp   | 15-Nov-25 | 100.00 | \$4,865 | 37.7%  | 0.2x   | -0.1x      | 29.5x    |
| 2.850%              | Sr Nts                | 1-Feb-29  | Ba1/BBB-         | 500.0   | 90 3/4        | 5.56%  | 150bp   | 1-Dec-28  | 100.00 | \$4,865 | 37.7%  | 0.2x   | -0.1x      | 29.5x    |
| 3.100%              | Sr Nts                | 1-Feb-32  | Ba1/BBB-         | 500.0   | 84 3/8        | 5.91%  | 172bp   | 1-Nov-31  | 100.00 | \$4,865 | 37.7%  | 0.2x   | -0.1x      | 29.5x    |
| Insight Enterprises |                       |           |                  |         |               |        |         |           |        |         |        |        |            |          |
| 6.625%              | Sr Nts                | 15-May-32 | Ba3/BB+          | 500.0   | 101 5/6       | 5.88%  | 168bp   | 15-May-27 | 103.31 | \$583   | 6.8%   | 2.5x   | 1.9x       | 6.1x     |
| Zebra Technologies  |                       |           |                  |         |               |        |         |           |        |         |        |        |            |          |
| 6.500%              | Sr Nts                | 1-Jun-32  | Ba2/BB           | 500.0   | 101 1/2       | 5.90%  | 169bp   | 1-Jun-27  | 103.25 | \$1,225 | 21.0%  | 2.2x   | 2.0x       | 11.3x    |

Source: J.P. Morgan and company reports.

Table 6: Technology: Electronic Manufacturing Services (EMS)

|               |             |           | Moody's / | Amount | Recent Quotes |       |        | Next Call |        | LTM       | EBITDA | Debt / | Net Debt / | EBITDA / |
|---------------|-------------|-----------|-----------|--------|---------------|-------|--------|-----------|--------|-----------|--------|--------|------------|----------|
| Coupon        | Description | Maturity  | S&P       | Outst. | Bid           | YTW   | Spread | Date      | Price  | EBITDA    | Margin | EBITDA | EBITDA     | Interest |
| Flex Ltd.     |             |           |           |        |               |       |        |           |        |           |        |        |            |          |
| 4.750%        | Sr Nts      | 15-Jun-25 | Baa3/BBB- | 592.4  | 99 3/4        | 5.82% | 152bp  |           |        | \$2,010.0 | 6.9%   | 3.0x   | 1.5x       | 12.3x    |
| 4.875%        | Sr Nts      | 15-Jun-29 | Baa3/BBB- | 650.0  | 99 2/3        | 5.01% | 74bp   | 15-Mar-29 | 100.00 | \$2,010.0 | 6.9%   | 3.0x   | 1.5x       | 12.3x    |
| 4.875%        | Sr Nts      | 12-May-30 | Baa3/BBB- | 650.0  | 98 1/2        | 5.33% | 106bp  | 12-Feb-30 | 100.00 | \$2,010.0 | 6.9%   | 3.0x   | 1.5x       | 12.3x    |
| Jabil Circuit |             |           |           |        |               |       |        |           |        |           |        |        |            |          |
| 3.950%        | Sr Nts      | 12-Jan-28 | Baa3/BBB- | 500.0  | 99            | 4.71% | 67bp   | 12-Oct-27 | 100.00 | \$2,136.0 | 6.4%   | 1.8x   | 1.2x       | 14.5x    |
| 3.600%        | Sr Nts      | 15-Jan-30 | Baa3/BBB- | 500.0  | 95 2/7        | 5.12% | 88bp   | 15-Oct-29 | 100.00 | \$2,136.0 | 6.4%   | 1.8x   | 1.2x       | 14.5x    |
| 3.000%        | Sr Nts      | 15-Jan-31 | Baa3/BBB- | 600.0  | 91 1/3        | 5.22% | 92bp   | 15-Oct-30 | 100.00 | \$2,136.0 | 6.4%   | 1.8x   | 1.2x       | 14.5x    |
| 4.250%        | Sr Nts      | 15-May-27 | Baa3/BBB- | 500.0  | 99 5/6        | 4.50% | 31bp   | 15-Apr-27 | 100.00 | \$2,136.0 | 6.4%   | 1.8x   | 1.2x       | 14.5x    |

Source: J.P. Morgan and company reports.

Table 7: Technology: Semiconductors

|                         |             | Moody's / Amount |           | Recent Quotes |         |       | Next Call |           | LTM    | EBITDA     | Debt/  | Net Debt / | EBITDA / |          |
|-------------------------|-------------|------------------|-----------|---------------|---------|-------|-----------|-----------|--------|------------|--------|------------|----------|----------|
| Coupon                  | Description | Maturity         | S&P       | Outst.        | Bid     | YTW   | Spread    | Date      | Price  | EBITDA     | Margin | EBITDA     | EBITDA   | Interest |
| Advanced Micro Devices  |             |                  |           |               |         |       |           |           |        |            |        |            |          |          |
| 2.375%                  | Sr Nts      | 1-Jun-30         | A1/A      | 750.0         | 91 1/6  | 4.96% | 57bp      |           |        | \$11,540.0 | 27.9%  | 0.4x       | -0.8x    | 78.5x    |
| 3.924%                  | Sr Nts      | 1-Jun-32         | A1/A      | 500.0         | 94 1/9  | 5.11% | 73bp      |           |        | \$11,540.0 | 27.9%  | 0.4x       | -0.8x    | 78.5x    |
| *Covered by Erica Spear |             |                  |           |               |         |       |           |           |        |            |        |            |          |          |
| Amkor Technologies      |             |                  |           |               |         |       |           |           |        |            |        |            |          |          |
| 5.875%                  | Sr Nts      | 1-Oct-33         | Ba3/BB    | 500.0         | 98 5/6  | 6.08% | 161bp     | 1-Oct-28  | 102.94 | \$1,392.8  | 18.7%  | 1.8x       | 0.0x     | 18.2x    |
| Micron Technology       |             |                  |           |               |         |       |           |           |        |            |        |            |          |          |
| 4.185%                  | Sr Nts      | 15-Feb-27        | Baa3/BBB- | 900.0         | 99      | 4.76% | 76bp      | 15-Dec-26 | 100.00 | \$68,316.0 | 75.7%  | 0.1x       | -0.3x    | 297.0x   |
| 5.327%                  | Sr Nts      | 6-Feb-29         | Baa3/BBB- | 700.0         | 101 2/9 | 4.95% | 91bp      | 6-Nov-28  | 100.00 | \$68,316.0 | 75.7%  | 0.1x       | -0.3x    | 297.0x   |
| 4.663%                  | Sr Nts      | 15-Feb-30        | Baa3/BBB- | 850.0         | 98 3/7  | 5.03% | 94bp      | 15-Nov-29 | 100.00 | \$68,316.0 | 75.7%  | 0.1x       | -0.3x    | 297.0x   |
| *Covered by Erica Spear |             |                  |           |               |         |       |           |           |        |            |        |            |          |          |
| Microchip Technology    |             |                  |           |               |         |       |           |           |        |            |        |            |          |          |
| 4.250%                  | Sr Nts      | 1-Sep-25         | Baa2/NR   | 1,200.0       | 99 2/3  | 4.96% | 72bp      |           |        | \$1,469.7  | 28.7%  | 3.7x       | 3.5x     | 6.9x     |
| 5.050%                  | Sr Nts      | 15-Mar-29        | Baa2/NR   | 1,000.0       | 100 1/2 | 4.82% | 63bp      | 15-Feb-29 | 100.00 | \$1,469.7  | 28.7%  | 3.7x       | 3.5x     | 6.9x     |
| *Covered by Erica Spear |             |                  |           |               |         |       |           |           |        |            |        |            |          |          |
| NXP BV                  |             |                  |           |               |         |       |           |           |        |            |        |            |          |          |
| 4.400%                  | Sr Nts      | 1-Jun-27         | Baa2/BBB+ | 500.0         | 99 4/5  | 4.66% | 73bp      | 1-May-27  | 100.00 | \$5,106.0  | 38.7%  | 2.1x       | 1.5x     | 12.8x    |
| *Covered by Erica Spear |             |                  |           |               |         |       |           |           |        |            |        |            |          |          |
| ON Semiconductor Corp   |             |                  |           |               |         |       |           |           |        |            |        |            |          |          |
| 3.875%                  | Sr Nts      | 1-Sep-28         | Ba2/BB    | 700.0         | 97 1/9  | 5.40% | 123bp     |           |        | \$1,586.6  | 25.6%  | 2.5x       | 0.0x     | 25.8x    |
| Sensata Technologies    |             |                  |           |               |         |       |           |           |        |            |        |            |          |          |
| 4.000%                  | Sr Nts      | 15-Apr-29        | Ba2/BB+   | 239.9         | 96 1/2  | 5.41% | 122bp     |           |        | \$710.4    | 18.8%  | 3.4x       | 2.8x     | 5.5x     |
| 4.375%                  | Sr Nts      | 15-Feb-30        | Ba2/BB+   | 450.0         | 96 3/4  | 5.41% | 116bp     | 15-Nov-29 | 100.00 | \$710.4    | 18.8%  | 3.4x       | 2.8x     | 5.5x     |
| 5.875%                  | Sr Nts      | 1-Sep-30         | Ba2/BB+   | 500.0         | 100 1/4 | 5.61% | 164bp     | 1-Sep-26  | 101.47 | \$710.4    | 18.8%  | 3.4x       | 2.8x     | 5.5x     |
| 3.750%                  | Sr Nts      | 15-Feb-31        | Ba2/BB+   | 750.0         | 93 1/3  | 5.45% | 114bp     | 15-Feb-27 | 100.94 | \$710.4    | 18.8%  | 3.4x       | 2.8x     | 5.5x     |
| Qorvo Inc               |             |                  |           |               |         |       |           |           |        |            |        |            |          |          |
| 4.375%                  | Sr Nts      | 15-Oct-29        | Ba1/BBB-  | 850.0         | 96 3/7  | 5.63% | 140bp     | 15-Oct-26 | 100.73 | \$723.2    | 19.8%  | 2.1x       | 0.3x     | 10.3x    |
| 3.375%                  | Sr Nts      | 1-Apr-31         | Ba1/BBB-  | 700.0         | 91 2/3  | 5.44% | 113bp     | 1-Apr-27  | 101.13 | \$723.2    | 19.8%  | 2.1x       | 0.3x     | 10.3x    |
| *Covered by Erica Spear |             |                  |           |               |         |       |           |           |        |            |        |            |          |          |

Source: J.P. Morgan and company reports.

Table 8: Technology: Software & Services

|                          |                       |           | Moody's / | Amount  | Recent Quotes |        |         | Next Call |        | LTM       | EBITDA | Debt/  | Net Debt / | EBITDA / |
|--------------------------|-----------------------|-----------|-----------|---------|---------------|--------|---------|-----------|--------|-----------|--------|--------|------------|----------|
| Coupon                   | Description           | Maturity  | S&P       | Outst.  | Bid           | YTW    | Spread  | Date      | Price  | EBITDA    | Margin | EBITDA | EBITDA     | Interest |
| ASGN Incorporated        |                       |           |           |         |               |        |         |           |        |           |        |        |            |          |
| 4.625%                   | Sr Nts                | 15-May-28 | Ba3/BB    | 550.0   | 97 1/3        | 6.26%  | 215bp   |           |        | \$400.8   | 10.1%  | 3.6x   | 3.2x       | 5.6x     |
| BMC Software             |                       |           |           |         |               |        |         |           |        |           |        |        |            |          |
| S+300                    | Term Loan B-3         | 30-Jul-31 | B2/B      | 4,245.4 | 93 5/9        | 9.21%  | 547bp   |           |        |           |        |        |            |          |
| CDK Global Inc           |                       |           |           |         |               |        |         |           |        |           |        |        |            |          |
| 8.000%                   | Sr Sec Nts (1st Lien) | 15-Jun-29 | Caa2/B-   | 755.0   | 52 7/8        | 35.88% | 3,167bp | 15-Jun-27 | 100.00 |           |        |        |            |          |
| 7.250%                   | Sec Nts (1st Lien)    | 15-Jun-29 | Caa2/B-   | 750.0   | 51 2/7        | 36.17% | 3,197bp | 15-Jun-27 | 100.00 |           |        |        |            |          |
| CrowdStrike Holdings Inc |                       |           |           |         |               |        |         |           |        |           |        |        |            |          |
| 3.000%                   | Sr Nts                | 15-Feb-29 | Baa2/BBB- | 750.0   | 95 2/9        | 5.07%  | 88bp    |           |        | \$1,380.2 | 27.1%  | 0.5x   | -2.8x      | 50.3x    |
| Elastic NV               |                       |           |           |         |               |        |         |           |        |           |        |        |            |          |
| 4.125%                   | Sr Nts                | 15-Jul-29 | Ba2/BB    | 575.0   | 96 3/8        | 5.49%  | 128bp   |           |        | \$288.4   | 16.6%  | 2.0x   | -2.8x      | 11.5x    |
| Go Daddy Group           |                       |           |           |         |               |        |         |           |        |           |        |        |            |          |
| S+175                    | Term Loan B-3         | 30-May-31 | Ba1/BB    | 980.0   | 98 1/4        | 6.35%  | 261bp   |           |        | \$1,635.0 | 32.0%  | 1.5x   | 0.8x       | 10.8x    |
| 5.250%                   | Sr Nts                | 1-Dec-27  | Ba3/BB-   | 600.0   | 99 7/9        | 5.43%  | 141bp   |           |        | \$1,635.0 | 32.0%  | 2.3x   | 1.6x       | 10.8x    |
| 3.500%                   | Sr Nts                | 1-Mar-29  | Ba3/BB-   | 800.0   | 94 5/7        | 5.77%  | 158bp   |           |        | \$1,635.0 | 32.0%  | 2.3x   | 1.6x       | 10.8x    |
| GrubHub Holdings Inc     |                       |           |           |         |               |        |         |           |        |           |        |        |            |          |
| 5.500%                   | Sr Nts                | 1-Jul-27  | B3/B-     | 500.0   | 92            | 9.51%  | 551bp   | 1-Jul-25  | 100.00 |           |        |        |            |          |
| J2 Global Inc            |                       |           |           |         |               |        |         |           |        |           |        |        |            |          |
| 4.625%                   | Sr Nts                | 15-Oct-30 | Ba3/BB    | 460.0   | 94 1/4        | 6.22%  | 193bp   | 15-Oct-26 | 101.54 | \$427.5   | 32.3%  | 2.0x   | -1.7x      | 16.5x    |
| Gen Digital              |                       |           |           |         |               |        |         |           |        |           |        |        |            |          |
| 6.750%                   | Sr Nts                | 30-Sep-27 | B1/BB-    | 900.0   | 100 1/6       | 5.13%  | 140bp   | 30-Sep-26 | 100.00 | \$2,610.0 | 51.4%  | 3.1x   | 2.9x       | 4.9x     |
| 7.125%                   | Sr Nts                | 30-Sep-30 | B1/BB-    | 600.0   | 101 7/9       | 5.45%  | 147bp   | 30-Sep-26 | 101.78 | \$2,610.0 | 51.4%  | 3.1x   | 2.9x       | 4.9x     |
| Open Text                |                       |           |           |         |               |        |         |           |        |           |        |        |            |          |
| S+275                    | Term Loan B-3         | 31-Jan-30 | Ba1/BBB-  | 2,173.5 | 99 1/3        | 5.96%  | 212bp   |           |        | \$1,903.2 | 36.3%  | 1.3x   | 0.8x       | 6.1x     |
| 6.900%                   | Sr Sec Nts            | 1-Dec-27  | Ba1/BBB-  | 1,000.0 | 101 3/4       | 5.36%  | 136bp   | 1-Nov-27  | 100.00 | \$1,903.2 | 36.3%  | 1.3x   | 0.8x       | 6.1x     |
| 3.875%                   | Sr Nts                | 15-Feb-28 | Ba3/BB    | 900.0   | 97 5/9        | 5.61%  | 155bp   |           |        | \$1,903.2 | 36.3%  | 3.0x   | 2.5x       | 6.1x     |
| 3.875%                   | Sr Nts                | 1-Dec-29  | Ba3/BB    | 850.0   | 92 6/7        | 6.32%  | 208bp   | 1-Dec-26  | 100.00 | \$1,903.2 | 36.3%  | 3.0x   | 2.5x       | 6.1x     |
| 4.125%                   | Sr Nts                | 15-Feb-30 | Ba3/BB    | 900.0   | 92 6/7        | 6.45%  | 220bp   | 15-Feb-27 | 100.69 | \$1,903.2 | 36.3%  | 3.0x   | 2.5x       | 6.1x     |
| 4.125%                   | Sr Nts                | 1-Dec-31  | Ba3/BB    | 650.0   | 88 3/4        | 6.69%  | 233bp   | 1-Dec-26  | 102.06 | \$1,903.2 | 36.3%  | 3.0x   | 2.5x       | 6.1x     |

Source: J.P. Morgan and company reports.

Table 9: Technology: Software & Services (cont.)

| Moody's / Amount      |                       |           |           |         |               |        |         |           |        |               |                  |                 |                      |                      |
|-----------------------|-----------------------|-----------|-----------|---------|---------------|--------|---------|-----------|--------|---------------|------------------|-----------------|----------------------|----------------------|
| Coupon                | Description           | Maturity  | S&P       | Outst.  | Recent Quotes |        |         | Next Call |        | LTM<br>EBITDA | EBITDA<br>Margin | Debt/<br>EBITDA | Net Debt /<br>EBITDA | EBITDA /<br>Interest |
|                       |                       |           |           |         | Bid           | YTW    | Spread  | Date      | Price  |               |                  |                 |                      |                      |
| PTC Inc               |                       |           |           |         |               |        |         |           |        |               |                  |                 |                      |                      |
| 4.000%                | Sr Nts                | 15-Feb-28 | Ba2/BB    | 500.0   | 97 2/3        | 5.68%  | 162bp   |           |        | \$1,216.9     | 41.2%            | 1.3x            | 1.0x                 | 18.6x                |
| Rackspace Hosting Inc |                       |           |           |         |               |        |         |           |        |               |                  |                 |                      |                      |
| S+275                 | Term Loan-3           | 15-May-28 | Caa2/CCC+ | 1,601.5 | 89 1/8        | 13.88% | 1,014bp |           |        | \$285.6       | 10.6%            | 8.0x            | 7.6x                 | 2.8x                 |
| S+625                 | Term Loan B-3         | 15-May-28 | B2/B      | 268.8   | 101 1/8       | 9.47%  | 573bp   |           |        | \$285.6       | 10.6%            | 1.5x            | 1.1x                 | 2.8x                 |
| 3.500%                | Sr Sec Nts (1st Lien) | 15-Feb-28 | Caa3/CCC- | 43.9    | 74            | 25.62% | 2,156bp |           |        | \$285.6       | 10.6%            | 8.3x            | 7.9x                 | 2.8x                 |
| 3.500%                | Sec Nts (1st Lien)    | 15-May-28 | Caa2/CCC+ | 250.3   | 85 2/5        | 13.15% | 904bp   |           |        | \$285.6       | 10.6%            | 8.0x            | 7.6x                 | 2.8x                 |
| 5.375%                | Sr Nts                | 1-Dec-28  | Ca/CCC-   | 89.4    | 80            | 16.20% | 1,202bp |           |        | \$285.6       | 10.6%            | 9.5x            | 9.1x                 | 2.8x                 |
| Snap Inc              |                       |           |           |         |               |        |         |           |        |               |                  |                 |                      |                      |
| 6.875%                | Sr Nts                | 1-Mar-33  | B1/BB-    | 1,500.0 | 99 1/4        | 7.02%  | 259bp   | 1-Mar-28  | 103.44 | \$1,022.9     | 16.1%            | 3.4x            | 0.8x                 | 7.1x                 |
| 6.875%                | Sr Nts                | 15-Mar-34 | B1/BB-    | 550.0   | 98 1/4        | 7.18%  | 269bp   | 15-Sep-28 | 103.44 | \$1,022.9     | 16.1%            | 3.4x            | 0.8x                 | 7.1x                 |
| SS&C Technologies     |                       |           |           |         |               |        |         |           |        |               |                  |                 |                      |                      |
| S+200                 | Term Loan B-3         | 9-May-31  | Ba1/BB+   | 3,935.0 | 100           | 5.98%  | 224bp   |           |        | \$2,598.1     | 39.6%            | 1.7x            | 1.5x                 | 10.3x                |
| 5.500%                | Sr Nts                | 30-Sep-27 | Ba3/B+    | 2,000.0 | 100           | 5.46%  | 147bp   |           |        | \$2,598.1     | 39.6%            | 3.0x            | 2.8x                 | 10.3x                |
| 6.500%                | Sr Nts                | 1-Jun-32  | Ba3/B+    | 750.0   | 101 1/6       | 6.04%  | 183bp   | 1-Jun-27  | 103.25 | \$2,598.1     | 39.6%            | 3.0x            | 2.8x                 | 10.3x                |
| TriNet HR Corp        |                       |           |           |         |               |        |         |           |        |               |                  |                 |                      |                      |
| 3.500%                | Sr Nts                | 1-Mar-29  | Ba3/BB    | 500.0   | 95 1/6        | 5.58%  | 139bp   |           |        | \$471.0       | 9.6%             | 1.9x            | 1.2x                 | 8.7x                 |
| 7.125%                | Sr Nts                | 15-Aug-31 | Ba3/BB    | 400.0   | 102 1/2       | 5.77%  | 162bp   | 15-Aug-27 | 101.78 | \$471.0       | 9.6%             | 1.9x            | 1.2x                 | 8.7x                 |
| Twilio Inc            |                       |           |           |         |               |        |         |           |        |               |                  |                 |                      |                      |
| 3.625%                | Sr Nts                | 15-Mar-29 | Ba1/BB+   | 500.0   | 96 1/2        | 5.09%  | 89bp    |           |        | \$1,096.3     | 19.7%            | 0.9x            | 0.2x                 | 29.1x                |
| 3.875%                | Sr Nts                | 15-Mar-31 | Ba1/BB+   | 500.0   | 94            | 5.35%  | 104bp   |           |        | \$1,096.3     | 19.7%            | 0.9x            | 0.2x                 | 29.1x                |
| Unisys                |                       |           |           |         |               |        |         |           |        |               |                  |                 |                      |                      |
| 6.875%                | Sr Sec Nts            | 1-Nov-27  | B2/BB-    | 485.0   | 97            | 8.18%  | 417bp   | 1-Nov-25  | 100.00 | \$276.9       | 14.2%            | 2.7x            | 1.6x                 | 3.5x                 |

Source: J.P. Morgan and company reports.

Table 10: Technology: Fintech / Payment Processors

| Coupon          | Description | Maturity  | Moody's / | Amount  | Recent Quotes |        |        | Next Call |        | LTM       | EBITDA | Debt/  | Net Debt / | EBITDA / |
|-----------------|-------------|-----------|-----------|---------|---------------|--------|--------|-----------|--------|-----------|--------|--------|------------|----------|
|                 |             |           | S&P       | Outst.  | Bid           | YTW    | Spread | Date      | Price  | EBITDA    | Margin | EBITDA | EBITDA     | Interest |
| Paysafe Limited |             |           |           |         |               |        |        |           |        |           |        |        |            |          |
| S+275           | Term Loan B | 28-Jun-28 | B2/B      | 813.6   | 96 1/2        | 8.74%  | 509bp  |           |        | \$428.8   | 24.3%  | 6.1x   | 5.6x       | 3.1x     |
| 4.000%          | Sr Sec Nts  | 15-Jun-29 | B2/B      | 345.6   | 85 2/5        | 10.08% | 587bp  |           |        | \$428.8   | 24.3%  | 6.1x   | 5.6x       | 3.1x     |
| Block Inc       |             |           |           |         |               |        |        |           |        |           |        |        |            |          |
| 2.750%          | Sr Nts      | 1-Jun-26  | Ba2/BB+   | 1,000.0 | 97            | 5.39%  | 132bp  | 1-May-26  | 100.00 | \$3,293.9 | 13.2%  | 2.4x   | -0.2x      | 25.5x    |
| 3.500%          | Sr Nts      | 1-Jun-31  | Ba1/BB+   | 1,000.0 | 91 2/3        | 5.50%  | 118bp  | 1-Mar-31  | 100.00 | \$3,293.9 | 13.2%  | 2.4x   | -0.2x      | 25.5x    |
| 6.500%          | Sr Nts      | 15-May-32 | Ba2/BB+   | 2,000.0 | 101           | 6.20%  | 214bp  | 15-May-27 | 103.25 | \$3,293.9 | 13.2%  | 2.4x   | -0.2x      | 25.5x    |

Source: J.P. Morgan and company reports.

Table 11: Telecommunications: Rural, Regional, and National Wireless

|                               |             |           | Moody's / | Amount  | Recent Quotes |        |         | Next Call |        | LTM     | EBITDA | Debt / | Net Debt / | EBITDA / |
|-------------------------------|-------------|-----------|-----------|---------|---------------|--------|---------|-----------|--------|---------|--------|--------|------------|----------|
| Coupon                        | Description | Maturity  | S&P       | Outst.  | Bid           | YTW    | Spread  | Date      | Price  | EBITDA  | Margin | EBITDA | EBITDA     | Interest |
| Altice International Sarl USD |             |           |           |         |               |        |         |           |        |         |        |        |            |          |
| S+500                         | Term Loan B | 29-Oct-27 | Caa2/CCC  | 1,600.0 | 64 6/7        | 50.21% | 4,647bp |           |        | \$1,791 | 37.1%  | 1.9x   | 1.4x       | 3.6x     |
| 9.625%                        | Sec Nts     | 15-Jul-27 | Caa2/CCC  | 375.0   | 66            | 64.91% | 6,096bp |           |        | \$1,791 | 37.1%  | 5.2x   | 4.8x       | 3.6x     |
| 5.000%                        | Sr Sec Nts  | 15-Jan-28 | Caa2/CCC  | 1,200.0 | 63 1/2        | 41.96% | 3,792bp |           |        | \$1,791 | 37.1%  | 5.2x   | 4.8x       | 3.6x     |
| 5.750%                        | Sr Sec Nts  | 15-Aug-29 | Caa2/CCC  | 2,050.0 | 63 1/2        | 23.41% | 1,920bp |           |        | \$1,791 | 37.1%  | 5.2x   | 4.8x       | 3.6x     |
| Altice France USD             |             |           |           |         |               |        |         |           |        |         |        |        |            |          |
| 9.500%                        | Sec Nts     | 1-Nov-29  | Caa1/CCC+ | 1,333.8 | 101 1/9       | 8.21%  | 448bp   | 1-Oct-26  | 101.00 | \$3,257 | 31.8%  | 6.1x   | 5.3x       | 2.4x     |
| 6.875%                        | Sr Sec Nts  | 15-Oct-30 | Caa1/CCC+ | 838.4   | 98 1/3        | 7.34%  | 305bp   | 1-Oct-26  | 101.00 | \$3,257 | 31.8%  | 6.1x   | 5.3x       | 2.4x     |
| 6.500%                        | Sr Sec Nts  | 15-Oct-31 | Caa1/CCC+ | 366.0   | 97            | 7.22%  | 287bp   | 1-Oct-26  | 101.00 | \$3,257 | 31.8%  | 6.1x   | 5.3x       | 2.4x     |
| 6.500%                        | Sr Sec Nts  | 15-Mar-32 | Caa1/CCC+ | 1,905.5 | 97 1/3        | 7.09%  | 271bp   | 1-Oct-26  | 101.00 | \$3,257 | 31.8%  | 6.1x   | 5.3x       | 2.4x     |
| 6.875%                        | Sec Nts     | 15-Jul-32 | Caa1/CCC+ | 1,524.2 | 97 6/7        | 7.32%  | 293bp   | 1-Oct-26  | 101.00 | \$3,257 | 31.8%  | 6.1x   | 5.3x       | 2.4x     |
| 10.000%                       | Sr Nts      | 15-Jan-33 | Caa3/CCC- | 948.0   | 97 4/5        | 10.46% | 604bp   | 1-Oct-26  | 101.00 | \$3,257 | 31.8%  | 7.4x   | 6.6x       | 2.4x     |
| Iliad USD                     |             |           |           |         |               |        |         |           |        |         |        |        |            |          |
| 7.000%                        | Sr Sec Nts  | 15-Oct-28 | B1/BB-    | 900.0   | 100           | 7.00%  | 283bp   | 15-Oct-26 | 100.00 | \$3,791 | 38.3%  | 4.2x   | 3.8x       | 8.7x     |
| 8.500%                        | Sr Sec Nts  | 15-Apr-31 | B1/BB-    | 950.0   | 105 1/4       | 6.32%  | 212bp   | 15-Apr-27 | 104.25 | \$3,791 | 38.3%  | 4.2x   | 3.8x       | 8.7x     |
| 7.000%                        | Sr Sec Nts  | 15-Apr-32 | B1/BB-    | 850.0   | 101 3/8       | 6.53%  | 229bp   | 1-Dec-27  | 103.50 | \$3,791 | 38.3%  | 4.2x   | 3.8x       | 8.7x     |
| Telecom Italia                |             |           |           |         |               |        |         |           |        |         |        |        |            |          |
| 6.375%                        | Sr Nts      | 15-Nov-33 | Ba1/BB+   | 499.2   | 103 5/8       | 5.75%  | 128bp   |           |        | \$3,673 | 25.2%  | 4.3x   | 3.0x       | 4.5x     |
| 6.000%                        | Sr Nts      | 30-Sep-34 | Ba1/BB+   | 500.0   | 101 1/2       | 5.77%  | 125bp   |           |        | \$3,673 | 25.2%  | 4.3x   | 3.0x       | 4.5x     |
| 7.200%                        | Sr Nts      | 18-Jul-36 | Ba1/BB+   | 500.0   | 109 3/8       | 5.93%  | 130bp   |           |        | \$3,673 | 25.2%  | 4.3x   | 3.0x       | 4.5x     |
| 7.721%                        | Sr Nts      | 4-Jun-38  | Ba1/BB+   | 500.0   | 113           | 6.16%  | 147bp   |           |        | \$3,673 | 25.2%  | 4.3x   | 3.0x       | 4.5x     |

\*Covered by Andrew Webb

Source: J.P. Morgan and company reports.

Table 12: Telecommunications: Rural, Regional, and National Wireless (cont.)

| T-Mobile                |                       |           |               |               |               |       |        |           |        |            |               |               |                   |                   |
|-------------------------|-----------------------|-----------|---------------|---------------|---------------|-------|--------|-----------|--------|------------|---------------|---------------|-------------------|-------------------|
| Coupon                  | Description           | Maturity  | Moody's / S&P | Amount Outst. | Recent Quotes |       |        | Next Call |        | LTM EBITDA | EBITDA Margin | Debt / EBITDA | Net Debt / EBITDA | EBITDA / Interest |
|                         |                       |           |               |               | Bid           | YTW   | Spread | Date      | Price  |            |               |               |                   |                   |
| 3.750%                  | Sr Sec Nts (1st Lien) | 15-Apr-27 | Baa1/BBB+     | 3,999.4       | 99 5/8        | 4.32% | 41bp   | 15-Feb-27 | 100.00 | \$35,909   | 39.0%         | 2.2x          | 2.1x              | 9.5x              |
| 2.050%                  | Sr Sec Nts (1st Lien) | 15-Feb-28 | Baa1/BBB+     | 1,749.2       | 96 2/5        | 4.59% | 53bp   | 15-Dec-27 | 100.00 | \$35,909   | 39.0%         | 2.2x          | 2.1x              | 9.5x              |
| 2.625%                  | Sr Nts                | 15-Feb-29 | Baa1/BBB+     | 1,000.0       | 95            | 4.79% | 60bp   |           |        | \$35,909   | 39.0%         | 2.2x          | 2.1x              | 9.5x              |
| 3.375%                  | Sr Nts                | 15-Apr-29 | Baa1/BBB+     | 2,350.0       | 96 3/5        | 4.76% | 56bp   |           |        | \$35,909   | 39.0%         | 2.2x          | 2.1x              | 9.5x              |
| 3.875%                  | Sr Sec Nts (1st Lien) | 15-Apr-30 | Baa1/BBB+     | 6,999.2       | 96 1/4        | 5.01% | 75bp   | 15-Jan-30 | 100.00 | \$35,909   | 39.0%         | 2.2x          | 2.1x              | 9.5x              |
| 2.550%                  | Sr Sec Nts (1st Lien) | 15-Feb-31 | Baa1/BBB+     | 2,499.7       | 90            | 5.05% | 75bp   | 15-Nov-30 | 100.00 | \$35,909   | 39.0%         | 2.2x          | 2.1x              | 9.5x              |
| 2.875%                  | Sr Nts                | 15-Feb-31 | Baa1/BBB+     | 1,000.0       | 91 1/4        | 5.08% | 77bp   | 15-Feb-27 | 100.96 | \$35,909   | 39.0%         | 2.2x          | 2.1x              | 9.5x              |
| 3.500%                  | Sr Nts                | 15-Apr-31 | Baa1/BBB+     | 2,450.0       | 93 3/5        | 5.06% | 75bp   | 15-Apr-27 | 101.17 | \$35,909   | 39.0%         | 2.2x          | 2.1x              | 9.5x              |
| 2.250%                  | Sr Sec Nts (1st Lien) | 15-Nov-31 | Baa1/BBB+     | 1,000.0       | 87            | 5.10% | 75bp   | 15-Aug-31 | 100.00 | \$35,909   | 39.0%         | 2.2x          | 2.1x              | 9.5x              |
| 4.375%                  | Sr Sec Nts (1st Lien) | 15-Apr-40 | Baa1/BBB+     | 2,000.0       | 84 3/5        | 6.05% | 131bp  | 15-Oct-39 | 100.00 | \$35,909   | 39.0%         | 2.2x          | 2.1x              | 9.5x              |
| 3.000%                  | Sr Sec Nts (1st Lien) | 15-Feb-41 | Baa1/BBB+     | 2,500.0       | 70 2/5        | 6.11% | 134bp  | 15-Aug-40 | 100.00 | \$35,909   | 39.0%         | 2.2x          | 2.1x              | 9.5x              |
| 4.500%                  | Sr Sec Nts (1st Lien) | 15-Apr-50 | Baa1/BBB+     | 3,000.0       | 76 1/5        | 6.48% | 147bp  | 15-Oct-49 | 100.00 | \$35,909   | 39.0%         | 2.2x          | 2.1x              | 9.5x              |
| 3.300%                  | Sr Sec Nts (1st Lien) | 15-Feb-51 | Baa1/BBB+     | 3,000.0       | 61 1/2        | 6.45% | 141bp  | 15-Aug-50 | 100.00 | \$35,909   | 39.0%         | 2.2x          | 2.1x              | 9.5x              |
| 3.600%                  | Sr Sec Nts (1st Lien) | 15-Nov-60 | Baa1/BBB+     | 1,698.0       | 60 1/3        | 6.50% | 120bp  | 15-May-60 | 100.00 | \$35,909   | 39.0%         | 2.2x          | 2.1x              | 9.5x              |
| *Covered by Erica Spear |                       |           |               |               |               |       |        |           |        |            |               |               |                   |                   |
| Sprint                  |                       |           |               |               |               |       |        |           |        |            |               |               |                   |                   |
| 5.152%                  | Sr Sec Nts (1st Lien) | 20-Mar-28 | Aa2/NR        | 643.1         | 100 1/9       | 5.08% | 100bp  |           |        | \$35,909   | 39.0%         | 2.2x          | 2.1x              | 9.5x              |
| 6.875%                  | Sr Nts                | 15-Nov-28 | Baa1/BBB+     | 2,475.0       | 104 1/2       | 4.74% | 57bp   |           |        | \$35,909   | 39.0%         | 2.2x          | 2.1x              | 9.5x              |
| 8.750%                  | Sr Nts                | 15-Mar-32 | Baa1/BBB+     | 2,000.0       | 116 1/2       | 5.30% | 92bp   |           |        | \$35,909   | 39.0%         | 2.2x          | 2.1x              | 9.5x              |

Source: J.P. Morgan and company reports.



Table 13: Telecommunications: Towers

| Coupon                      | Description | Maturity  | Moody's /<br>S&P | Amount<br>Outst. | Recent Quotes |       |        | Next Call |        | LTM<br>EBITDA | EBITDA<br>Margin | Debt /<br>EBITDA | Net Debt /<br>EBITDA | EBITDA /<br>Interest | Total Debt /<br>TEV |
|-----------------------------|-------------|-----------|------------------|------------------|---------------|-------|--------|-----------|--------|---------------|------------------|------------------|----------------------|----------------------|---------------------|
|                             |             |           |                  |                  | Bid           | YTW   | Spread | Date      | Price  |               |                  |                  |                      |                      |                     |
| American Tower              |             |           |                  |                  |               |       |        |           |        |               |                  |                  |                      |                      |                     |
| 3.375%                      | Sr Nts      | 15-Oct-26 | Baa2/BBB+        | 1,000.0          | 99 6/7        | 4.22% | 48bp   |           |        | \$7,277       | 66.5%            | 6.2x             | 5.9x                 | 5.2x                 | 34%                 |
| 3.550%                      | Sr Nts      | 15-Jul-27 | Baa2/BBB+        | 750.0            | 99 1/4        | 4.42% | 47bp   | 15-Apr-27 | 100.00 | \$7,277       | 66.5%            | 6.2x             | 5.9x                 | 5.2x                 | 34%                 |
| 3.600%                      | Sr Nts      | 15-Jan-28 | Baa2/BBB+        | 700.0            | 98 2/3        | 4.57% | 53bp   | 15-Oct-27 | 100.00 | \$7,277       | 66.5%            | 6.2x             | 5.9x                 | 5.2x                 | 34%                 |
| 3.950%                      | Sr Nts      | 15-Mar-29 | Baa2/BBB+        | 600.0            | 98            | 4.79% | 60bp   | 15-Dec-28 | 100.00 | \$7,277       | 66.5%            | 6.2x             | 5.9x                 | 5.2x                 | 34%                 |
| *Covered by Erica Spear     |             |           |                  |                  |               |       |        |           |        |               |                  |                  |                      |                      |                     |
| Crown Castle International* |             |           |                  |                  |               |       |        |           |        |               |                  |                  |                      |                      |                     |
| 3.300%                      | Sr Nts      | 1-Jul-30  | Baa3/BBB         | 709.3            | 93 1/2        | 5.16% | 89bp   | 1-Apr-30  | 100.00 | \$2,786       | 66.9%            | 8.4x             | 8.0x                 | 3.0x                 | 18%                 |
| 2.500%                      | Sr Nts      | 15-Jul-31 | Baa3/BBB         | 712.1            | 88 1/4        | 5.25% | 92bp   | 15-Apr-31 | 100.00 | \$2,786       | 66.9%            | 8.4x             | 8.0x                 | 3.0x                 | 18%                 |
| 4.150%                      | Sr Nts      | 1-Jul-50  | Baa3/BBB         | 493.0            | 73 5/6        | 6.28% | 126bp  | 1-Jan-50  | 100.00 | \$2,786       | 66.9%            | 8.4x             | 8.0x                 | 3.0x                 | 18%                 |
| *Covered by Erica Spear     |             |           |                  |                  |               |       |        |           |        |               |                  |                  |                      |                      |                     |
| SBA Communications          |             |           |                  |                  |               |       |        |           |        |               |                  |                  |                      |                      |                     |
| 3.875%                      | Sr Nts      | 15-Feb-27 | Ba3/BBB          | 1,500.0          | 99 1/4        | 5.42% | 153bp  |           |        | \$1,939       | 67.5%            | 6.7x             | 6.5x                 | 3.7x                 | 10%                 |
| 3.125%                      | Sr Nts      | 1-Feb-29  | Ba3/BBB          | 1,500.0          | 95 3/4        | 4.99% | 80bp   |           |        | \$1,939       | 67.5%            | 6.7x             | 6.5x                 | 3.7x                 | 10%                 |

Source: J.P. Morgan and company reports.

Table 14: Wireline Telecommunications

| Coupon                  | Description | Maturity  | Moody's /<br>S&P | Amount<br>Outst. | Recent Quotes |        |        | Next Call |        | LTM<br>EBITDA | EBITDA<br>Margin | Debt /<br>EBITDA | Net Debt /<br>EBITDA | EBITDA /<br>Interest |
|-------------------------|-------------|-----------|------------------|------------------|---------------|--------|--------|-----------|--------|---------------|------------------|------------------|----------------------|----------------------|
|                         |             |           |                  |                  | Bid           | YTW    | Spread | Date      | Price  |               |                  |                  |                      |                      |
| Cogent                  |             |           |                  |                  |               |        |        |           |        |               |                  |                  |                      |                      |
| 7.000%                  | Sr Nts      | 15-Jun-27 | B3/B-            | 300.0            | 97 5/8        | 10.06% | 612bp  |           |        | \$294         | 30.7%            | 8.0x             | 7.4x                 | 1.5x                 |
| 7.000%                  | Sr Nts      | 15-Jun-27 | B3/B-            | 450.0            | 96 3/4        | 11.24% | 731bp  |           |        | \$294         | 30.7%            | 8.0x             | 7.4x                 | 1.5x                 |
| 6.500%                  | Sr Sec Nts  | 1-Jul-32  | Ba2/B+           | 600.0            | 82            | 10.73% | 634bp  | 1-Jul-28  | 103.25 | \$294         | 30.7%            | 5.5x             | 4.8x                 | 1.5x                 |
| Equinix                 |             |           |                  |                  |               |        |        |           |        |               |                  |                  |                      |                      |
| 2.900%                  | Sr Nts      | 18-Nov-26 | Baa1/BBB+        | 600.0            | 99 4/7        | 4.65%  | 87bp   | 18-Sep-26 | 100.00 | \$4,975       | 50.7%            | 4.7x             | 4.2x                 | 8.7x                 |
| 3.200%                  | Sr Nts      | 18-Nov-29 | Baa1/BBB+        | 1,200.0          | 94 7/8        | 4.93%  | 70bp   | 18-Aug-29 | 100.00 | \$4,975       | 50.7%            | 4.7x             | 4.2x                 | 8.7x                 |
| *Covered by Erica Spear |             |           |                  |                  |               |        |        |           |        |               |                  |                  |                      |                      |
| Frontier Communications |             |           |                  |                  |               |        |        |           |        |               |                  |                  |                      |                      |
| 6.750%                  | Sr Nts      | 15-May-27 | NR/NR            | 90.9             | 98 2/3        | 8.62%  | 470bp  |           |        | \$2,422       | 39.7%            | 1.5x             | 1.4x                 | 3.0x                 |
| 6.860%                  | Sr Nts      | 1-Feb-28  | Baa2/NR          | 24.0             | 100 1/2       | 6.46%  | 241bp  |           |        | \$2,422       | 39.7%            | 1.5x             | 1.4x                 | 3.0x                 |
| 6.730%                  | Sr Nts      | 15-Feb-28 | NR/NR            | 34.4             | 101 1/7       | 5.92%  | 186bp  |           |        | \$2,422       | 39.7%            | 1.5x             | 1.4x                 | 3.0x                 |
| 8.500%                  | 1st Mtg Nts | 15-Nov-31 | NR/NR            | 47.0             | 109 3/8       | 6.36%  | 201bp  |           |        | \$2,422       | 39.7%            | 1.2x             | 1.0x                 | 3.0x                 |
| FiberCop SpA USD        |             |           |                  |                  |               |        |        |           |        |               |                  |                  |                      |                      |
| 6.375%                  | Sec Nts     | 15-Nov-33 | Ba1/BB+          | 500.0            | 99 3/5        | 6.45%  | 197bp  |           |        | \$2,125       | 56.3%            | 6.3x             | 5.0x                 | 3.7x                 |
| 6.000%                  | Sec Nts     | 30-Sep-34 | Ba1/BB+          | 500.0            | 96 1/2        | 6.56%  | 203bp  |           |        | \$2,125       | 56.3%            | 6.3x             | 5.0x                 | 3.7x                 |
| 7.200%                  | Sec Nts     | 18-Jul-36 | Ba1/BB+          | 500.0            | 101 3/4       | 6.95%  | 232bp  |           |        | \$2,125       | 56.3%            | 6.3x             | 5.0x                 | 3.7x                 |
| 7.721%                  | Sec Nts     | 4-Jun-38  | Ba1/BB+          | 500.0            | 103 3/4       | 7.24%  | 255bp  |           |        | \$2,125       | 56.3%            | 6.3x             | 5.0x                 | 3.7x                 |

Source: Company reports and J.P. Morgan estimates.

Table 15: Wireline Telecommunications (cont.)

| Level 3 Communications           |                       |           |               |               |               |       |       |           |        |            |               |               |                   |                   |
|----------------------------------|-----------------------|-----------|---------------|---------------|---------------|-------|-------|-----------|--------|------------|---------------|---------------|-------------------|-------------------|
| Coupon                           | Description           | Maturity  | Moody's / S&P | Amount Outst. | Recent Quotes |       |       | Next Call |        | LTM EBITDA | EBITDA Margin | Debt / EBITDA | Net Debt / EBITDA | EBITDA / Interest |
| S+275                            | Term Loan B           | 29-Mar-32 | Ba3/B+        | 2,400.0       | 100 3/8       | 6.58% | 284bp |           |        | \$2,553    | 39.0%         | 2.7x          | 2.5x              | 3.4x              |
| 4.250%                           | Sr Nts                | 1-Jul-28  | B3/B-         | 5.7           | 98 1/2        | 5.10% | 97bp  |           |        | \$2,553    | 39.0%         | 3.9x          | 3.7x              | 3.4x              |
| 3.625%                           | Sr Nts                | 15-Jan-29 | B3/B-         | 8.5           | 96 1/2        | 5.19% | 100bp |           |        | \$2,553    | 39.0%         | 3.9x          | 3.7x              | 3.4x              |
| 4.875%                           | Sec Nts (2nd Lien)    | 15-Jun-29 | NR/B+         | 10.9          | 99 3/4        | 4.96% | 75bp  | 22-Mar-27 | 101.16 | \$2,553    | 39.0%         | 3.9x          | 3.7x              | 3.4x              |
| 3.750%                           | Sr Nts                | 15-Jul-29 | B3/B-         | 59.5          | 95 7/9        | 5.34% | 112bp |           |        | \$2,553    | 39.0%         | 3.9x          | 3.7x              | 3.4x              |
| 3.875%                           | Sr Nts                | 15-Nov-29 | B3/B-         | 53.9          | 94            | 5.94% | 170bp | 15-Aug-29 | 100.00 | \$2,553    | 39.0%         | 3.9x          | 3.7x              | 3.4x              |
| 3.875%                           | Sr Sec Nts (2nd Lien) | 15-Oct-30 | NR/B+         | 24.4          | 92            | 6.07% | 179bp | 22-Mar-27 | 100.00 | \$2,553    | 39.0%         | 3.9x          | 3.7x              | 3.4x              |
| 4.000%                           | Sr Sec Nts (2nd Lien) | 15-Apr-31 | NR/B+         | 20.4          | 91 3/8        | 6.15% | 184bp | 22-Mar-27 | 100.00 | \$2,553    | 39.0%         | 3.9x          | 3.7x              | 3.4x              |
| 6.875%                           | Sec Nts (1st Lien)    | 30-Jun-33 | Ba3/B+        | 2,000.0       | 102 1/5       | 6.22% | 195bp | 30-Jun-28 | 103.44 | \$2,553    | 39.0%         | 2.7x          | 2.5x              | 3.4x              |
| 7.000%                           | Sr Sec Nts (1st Lien) | 31-Mar-34 | Ba3/B+        | 2,425.0       | 102 4/7       | 6.26% | 198bp | 31-Aug-28 | 103.50 | \$2,553    | 39.0%         | 2.7x          | 2.5x              | 3.4x              |
| 7.500%                           | Sr Nts                | 15-Feb-37 | B3/B-         | 1,000.0       | 100 1/2       | 7.41% | 289bp | 15-Aug-31 | 103.75 | \$2,553    | 39.0%         | 3.9x          | 3.7x              | 3.4x              |
| Lumen Technologies (CenturyLink) |                       |           |               |               |               |       |       |           |        |            |               |               |                   |                   |
| 6.875%                           | Sr Nts                | 15-Jan-28 | Caa1/B        | 130.7         | 100 1/3       | 6.60% | 256bp |           |        | \$2,935    | 24.8%         | 4.5x          | 3.9x              | 2.9x              |
| 6.875%                           | Sr Nts                | 15-Jul-28 | NR/CCC        | 53.6          | 99 1/8        | 7.37% | 323bp |           |        | \$382      | 3.2%          | 5.0x          | 4.9x              | 0.4x              |
| 4.500%                           | Sr Nts                | 15-Jan-29 | Caa1/B        | 299.6         | 94 3/4        | 6.92% | 273bp |           |        | \$2,935    | 24.8%         | 4.5x          | 3.9x              | 2.9x              |
| 5.375%                           | Sr Nts                | 15-Jun-29 | Caa1/B        | 231.5         | 95 1/4        | 7.26% | 305bp |           |        | \$2,935    | 24.8%         | 4.5x          | 3.9x              | 2.9x              |
| 7.750%                           | Sr Nts                | 15-Feb-31 | NR/CCC        | 115.9         | 92 1/3        | 9.90% | 560bp |           |        | \$382      | 3.2%          | 5.0x          | 4.9x              | 0.4x              |
| 7.600%                           | Sr Nts                | 15-Sep-39 | Caa1/B        | 348.8         | 91 1/4        | 8.73% | 401bp |           |        | \$2,935    | 24.8%         | 4.5x          | 3.9x              | 2.9x              |

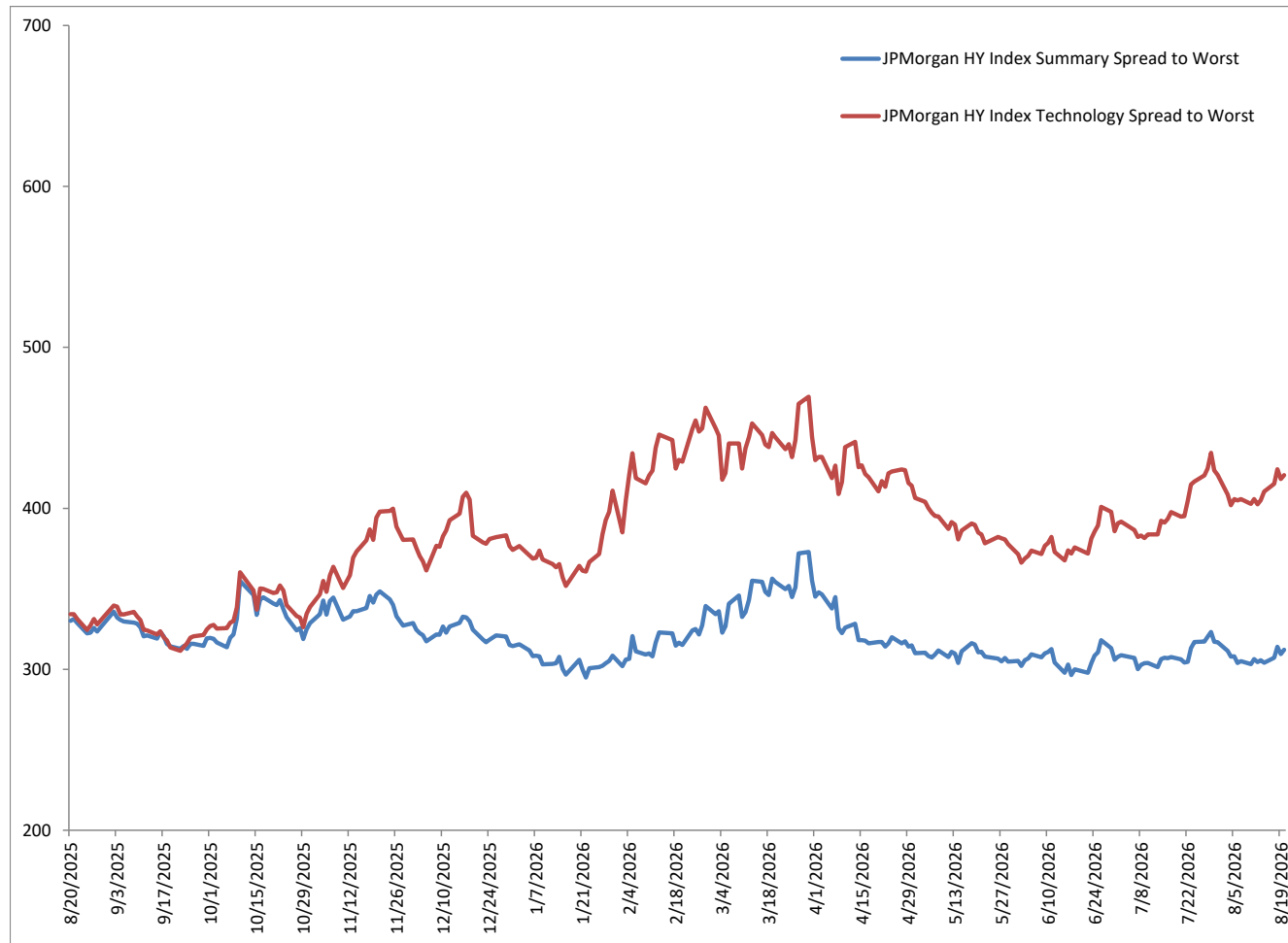
Source: J.P. Morgan and company reports.

Table 16: Wireline Telecommunications (cont.)

|             |                       |           | Moody's / | Amount  | Recent Quotes |       |        | Next Call |        | LTM     | EBITDA | Debt / | Net Debt / | EBITDA / |
|-------------|-----------------------|-----------|-----------|---------|---------------|-------|--------|-----------|--------|---------|--------|--------|------------|----------|
| Coupon      | Description           | Maturity  | S&P       | Outst.  | Bid           | YTW   | Spread | Date      | Price  | EBITDA  | Margin | EBITDA | EBITDA     | Interest |
| Uniti Group |                       |           |           |         |               |       |        |           |        |         |        |        |            |          |
| 4.750%      | Sr Sec Nts (1st Lien) | 15-Apr-28 | B2/B      | 570.0   | 99 5/8        | 4.99% | 89bp   |           |        | \$1,578 | 44.6%  | 4.4x   | 4.4x       | 2.2x     |
| 8.250%      | Sr Sec Nts (1st Lien) | 1-Oct-31  | B2/NR     | 2,200.0 | 104 5/8       | 6.58% | 235bp  | 1-Oct-27  | 104.13 | \$1,578 | 44.6%  | 4.4x   | 4.4x       | 2.2x     |
| 6.500%      | Sr Nts                | 15-Feb-29 | Caa2/CCC  | 1,110.0 | 98 7/8        | 7.00% | 281bp  |           |        | \$1,578 | 44.6%  | 6.7x   | 6.7x       | 2.2x     |
| 6.000%      | Sr Nts                | 15-Jan-30 | Caa2/CCC  | 700.0   | 96 1/3        | 7.22% | 298bp  | 15-Jan-27 | 100.00 | \$1,578 | 44.6%  | 6.7x   | 6.7x       | 2.2x     |
| Zayo Group  |                       |           |           |         |               |       |        |           |        |         |        |        |            |          |
| S+350       | Term Loan B           | 11-Mar-30 | B3/B-     | 3,824.3 | 100 1/7       | 6.91% | 317bp  |           |        |         |        |        |            |          |

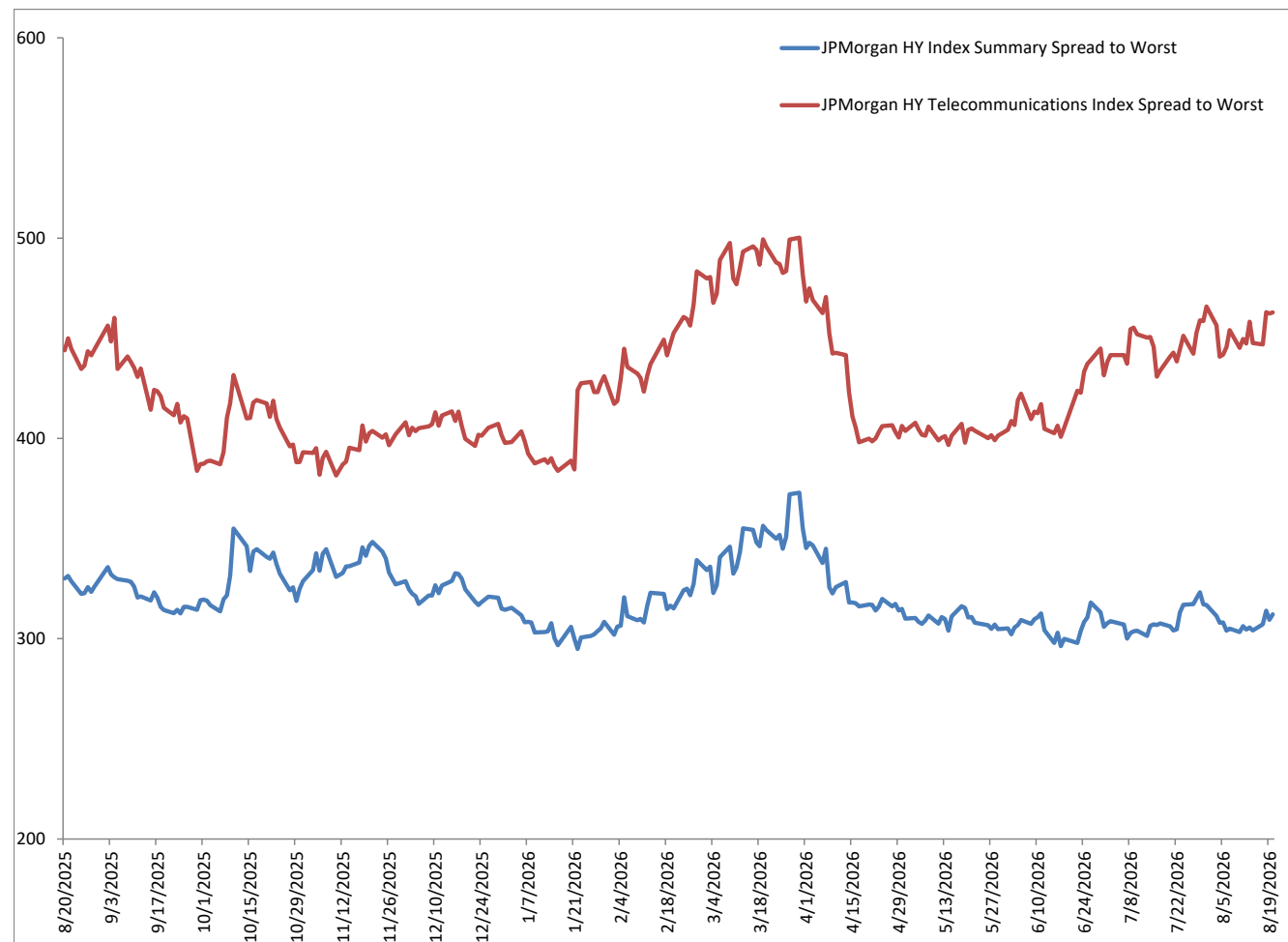
Source: J.P. Morgan and company reports.

Figure 1: HY Market versus HY Technology – Spread to Worst



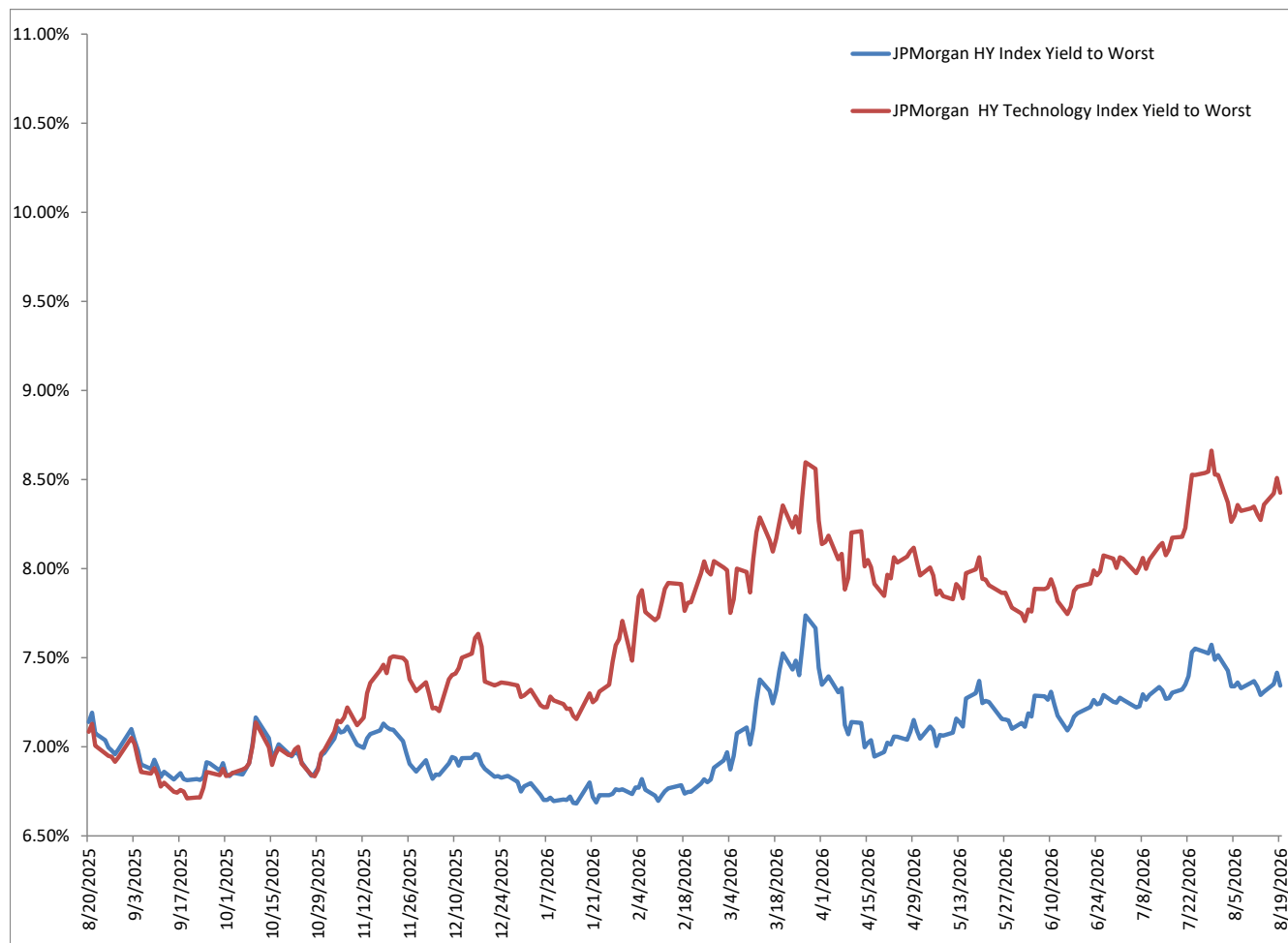
Source: J.P. Morgan.

Figure 2: HY Market versus HY Telecommunications – Spread to Worst



Source: J.P. Morgan.

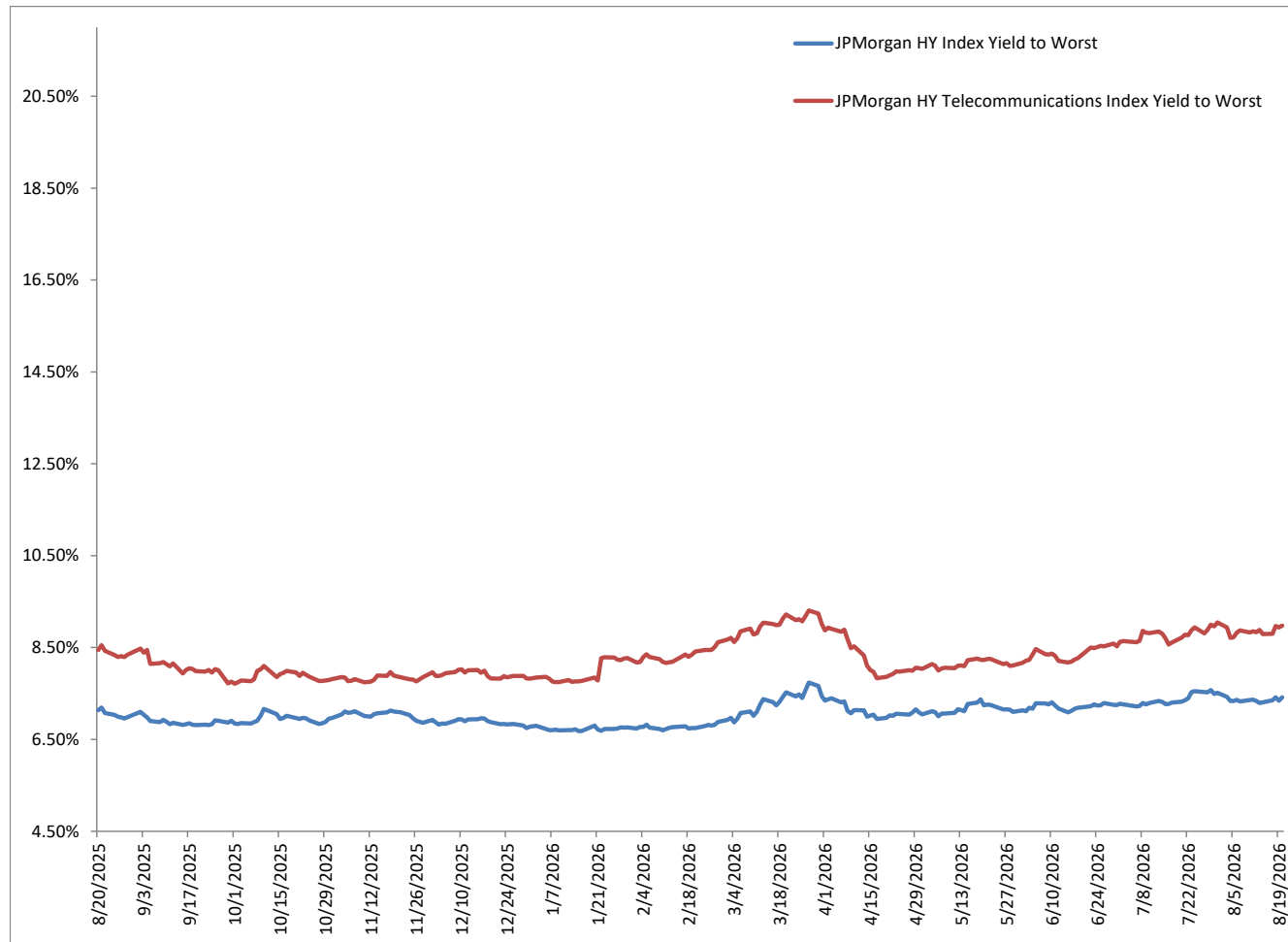
Figure 3: HY Market versus HY Technology – Yield to Worst



Source: J.P. Morgan.



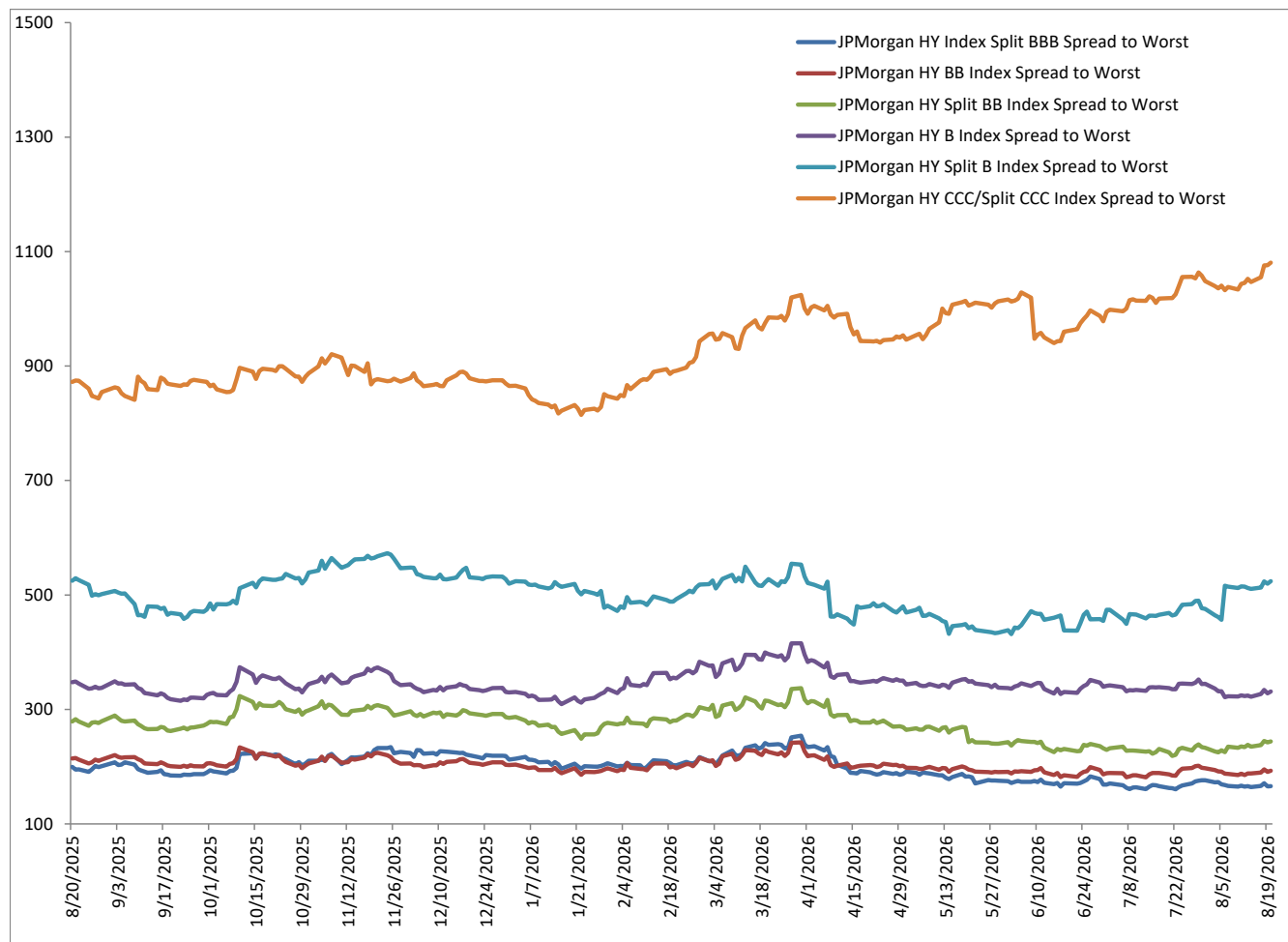
Figure 4: HY Market versus HY Telecommunications – Yield to Worst



Source: J.P. Morgan.

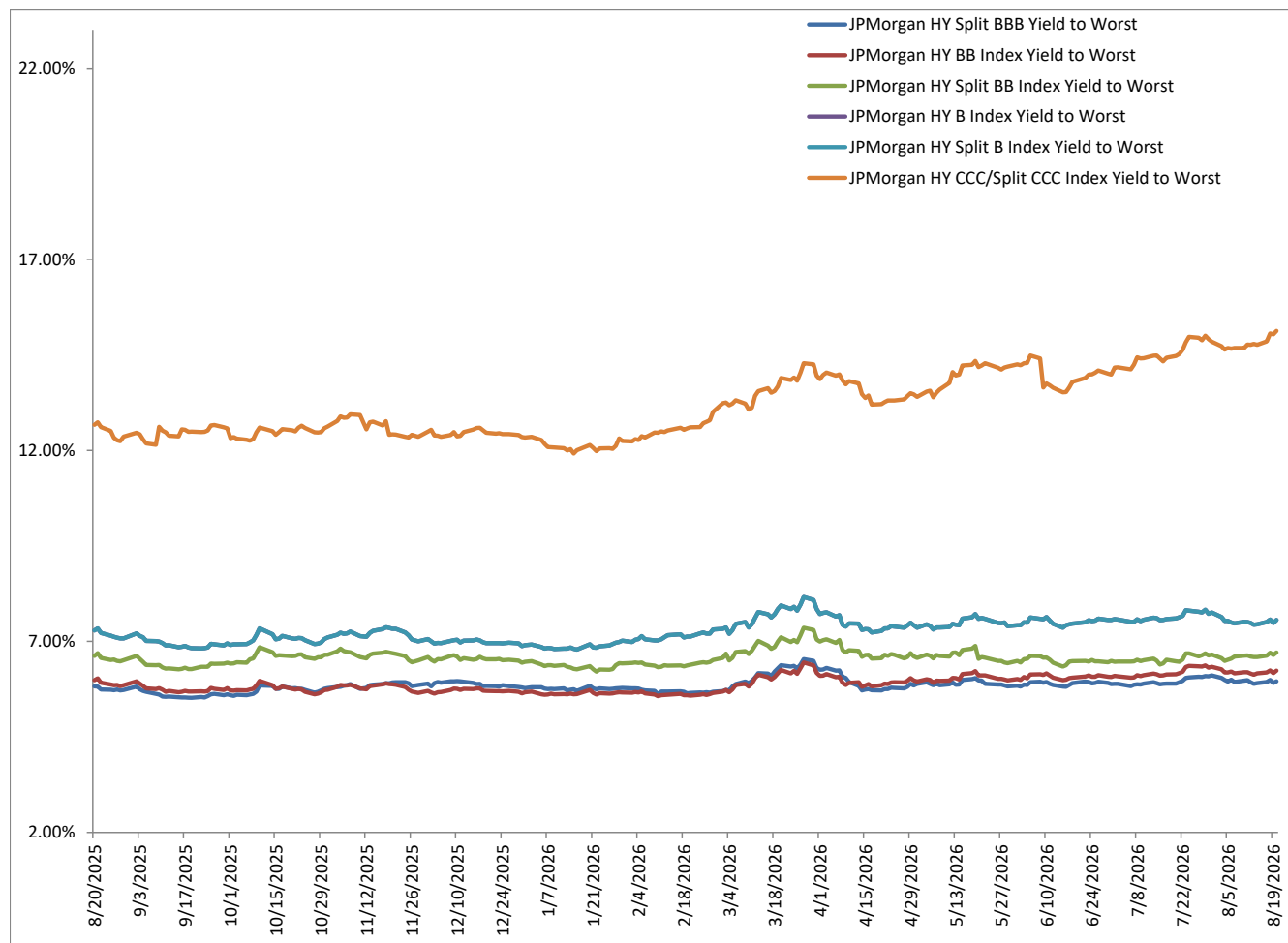


Figure 5: HY Market – Spread to Worst by Rating



Source: J.P. Morgan.

Figure 6: HY Market – Yield to Worst by Rating



Source: J.P. Morgan.