
SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

FORM 8-K

Current Report
Pursuant to Section 13 or 15(d)
of the Securities Exchange Act of 1934

Date of Report (Date of Earliest Event Reported): April 14, 2020



Charter Communications, Inc. CCO Holdings, LLC

(Exact name of registrant as specified in its charter)

Delaware

(State or other jurisdiction of incorporation or organization)

001-33664
001-37789
(Commission
File Number)

84-1496755
86-1067239
(I.R.S. Employer
Identification Number)

400 Atlantic Street
Stamford, Connecticut 06091
(Address of principal executive offices including zip code)

(203) 905-7801
(Registrant's telephone number, including area code)

Not Applicable
(Former name or former address, if changed since last report)

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

- Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
- Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
- Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
- Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

Securities registered pursuant to Section 12(b) of the Act:

Title of each class	Trading Symbol(s)	Name of each exchange on which registered
Class A Common Stock, \$.001 Par Value	"CHTR"	NASDAQ Global Select Market

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

Emerging growth company

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

ITEM 1.01. ENTRY INTO A MATERIAL DEFINITIVE AGREEMENT.

Issuance of 2.800% Senior Secured Notes due 2031 and 3.700% Senior Secured Notes due 2051

On April 17, 2020 (the “Closing Date”), Charter Communications Operating, LLC (“CCO”) and Charter Communications Operating Capital Corp. (together with CCO, the “Issuers”) issued (i) \$1.6 billion aggregate principal amount of 2.800% Senior Secured Notes due 2031 (the “2031 Notes”) and (ii) \$1.4 billion aggregate principal amount of 3.700% Senior Secured Notes due 2051 (the “2051 Notes” and, together with the 2031 Notes, the “Notes”). The offering and sale of the Notes were made pursuant to an automatic shelf registration statement on Form S-3 filed with the Securities and Exchange Commission on December 22, 2017 and a prospectus supplement dated April 14, 2020.

In connection therewith, the Issuers entered into the below agreement.

Secured Notes Indenture

On the Closing Date, the Issuers, CCO Holdings, LLC (the “Parent Guarantor”) and the other guarantors party thereto entered into a Sixteenth Supplemental Indenture with The Bank of New York Mellon Trust Company, N.A., as trustee (in such capacity, the “Trustee”) and as collateral agent (in such capacity, the “Collateral Agent”), in connection with the issuance of the Notes and the terms thereof (the “Sixteenth Supplemental Indenture”). The Sixteenth Supplemental Indenture supplements a base indenture entered into on July 23, 2015, by and among the Issuers, CCO Safari II, LLC, the Trustee and the Collateral Agent (the “Base Indenture” and, together with the Sixteenth Supplemental Indenture, the “Indenture”) providing for the issuance of senior secured notes of the Issuers generally.

The Indenture provides, among other things, that interest is payable on the 2031 Notes on each April 1 and October 1, commencing October 1, 2020. Interest is payable on the 2051 Notes on each April 1 and October 1, commencing October 1, 2020. At any time and from time to time prior to January 1, 2031, the Issuers may redeem the outstanding 2031 Notes in whole or in part at a redemption price equal to 100% of the principal amount thereof, plus accrued and unpaid interest on the principal amount being redeemed to, but not including, the redemption date, plus a make-whole premium. On or after January 1, 2031, the Issuers may redeem some or all of the outstanding 2031 Notes at a redemption price equal to 100% of the principal amount of the 2031 Notes to be redeemed, plus accrued and unpaid interest on the principal amount being redeemed to, but not including, the redemption date. At any time and from time to time prior to October 1, 2050, the Issuers may redeem the outstanding 2051 Notes in whole or in part at a redemption price equal to 100% of the principal amount thereof, plus accrued and unpaid interest on the principal amount being redeemed to, but not including, the redemption date and a make-whole premium. On or after October 1, 2050, the Issuers may redeem some or all of the outstanding 2051 Notes at a redemption price equal to 100% of the principal amount of the 2051 Notes to be redeemed, plus accrued and unpaid interest on the principal amount being redeemed to, but not including, the redemption date. The Notes are senior secured obligations of the Issuers. The Notes are guaranteed on a senior secured basis by the Parent Guarantor and all of the subsidiaries of the Issuers that guarantee the obligations of CCO under its credit agreement (collectively, the “Guarantors”). The Notes and the guarantees are secured by a *pari passu*, first priority security interest, subject to certain permitted liens, in the Issuers’ and the Guarantors’ assets that secure obligations under the credit agreement.

The terms of the Indenture, among other things, limit the ability of the Issuers to grant liens, sell all or substantially all of their assets or merge or consolidate with other entities.

The Indenture provides for customary events of default which include (subject in certain cases to customary grace and cure periods), among others, nonpayment of principal or interest; breach of other covenants or agreements in the Indenture; failure of certain guarantees to be enforceable; cessation of a material portion of the collateral subject to liens or disaffirmation of obligations under the security documents establishing the security interest in the collateral securing the Notes; and certain events of bankruptcy or insolvency. Generally, if an event of default occurs, the Trustee or the holders of at least 30% in aggregate principal amount of the then outstanding Notes of a series may declare all the Notes of such series to be due and payable immediately.

For a complete description of the Indenture and the Notes, please refer to copies of the Sixteenth Supplemental Indenture, the form of the 2031 Notes and the form of the 2051 Notes filed herewith as Exhibits 4.2, 4.3 and 4.4, respectively. The foregoing descriptions of the Indenture and the Notes do not purport to be complete and are qualified in their entirety by reference to the full text of those documents.

ITEM 2.03. CREATION OF A DIRECT FINANCIAL OBLIGATION OR AN OBLIGATION UNDER AN OFF-BALANCE SHEET ARRANGEMENT OF A REGISTRANT.

The information under the heading “Secured Notes Indenture” in Item 1.01 above is incorporated herein by reference.

ITEM 8.01. OTHER EVENTS.

On April 14, 2020, Charter Communications Operating, LLC and Charter Communications Operating Capital Corp., as issuers (the “Issuers”), CCO Holdings, LLC, as parent guarantor, and the guarantors party thereto entered into an underwriting agreement (the “Underwriting Agreement”) with BofA Securities, Inc., J.P. Morgan Securities LLC and Morgan Stanley & Co. LLC, as representatives of the several underwriters named in Schedule I thereto, with respect to the issuance and sale of an aggregate of \$1,600,000,000 principal amount of 2.800% Senior Secured Notes due 2031 and an aggregate of \$1,400,000,000 principal amount of 3.700% Senior Secured Notes due 2051. The Underwriting Agreement contains representations, warranties and covenants of the parties thereto, conditions to closing, indemnification obligations of the parties thereto and termination and other customary provisions.

A copy of the Underwriting Agreement is filed herewith as Exhibit 99.1. The foregoing description of the Underwriting Agreement does not purport to be complete and is qualified in its entirety by reference to the full text of the Underwriting Agreement, which is filed as Exhibit 99.1 hereto and is incorporated herein by reference.

On the Closing Date, the Issuers completed the issuance and sale of the Notes. The press release announcing the closing of the issuance and sale of the Notes is filed herewith as Exhibit 99.1.

ITEM 9.01. FINANCIAL STATEMENTS AND EXHIBITS.

The following exhibit is being filed as part of this report:

Exhibit Number	Description
4.1*	Indenture, dated as of July 23, 2015, among Charter Communications Operating, LLC, Charter Communications Operating Capital Corp., and CCO Safari II, LLC, as issuers, and The Bank of New York Mellon Trust Company, N.A., as trustee and collateral agent (incorporated by reference to Exhibit 4.1 to the Current Report on Form 8-K filed by Charter Communications, Inc. on July 27, 2015).
4.2	Sixteenth Supplemental Indenture, dated as of April 17, 2020, among Charter Communications Operating, LLC, Charter Communications Operating Capital Corp., as issuers, CCO Holdings, LLC, the subsidiary guarantors party thereto and The Bank of New York Mellon Trust Company, N.A., as trustee and collateral agent.
4.3	Form of 2.800% Senior Secured Notes due 2031 (included in Exhibit 4.2).
4.4	Form of 3.700% Senior Secured Notes due 2051 (included in Exhibit 4.2).
5.1	Legal Opinion of Kirkland & Ellis LLP.

Exhibit Number	Description
<u>23.1</u>	<u>Consent of Kirkland & Ellis LLP (included in Exhibit 5.1 hereto).</u>
<u>99.1</u>	<u>Underwriting Agreement, dated as of April 14, 2020, among Charter Communications Operating, LLC, Charter Communications Operating Capital Corp., CCO Holdings, LLC, as parent guarantor, the subsidiary guarantors party thereto and BofA Securities, Inc., J.P. Morgan Securities LLC and Morgan Stanley & Co. LLC, as representatives of the several underwriters named in Schedule I thereto.</u>
<u>99.2</u>	<u>Press release dated April 17, 2020, announcing the closing of the sale of the 2.800% Senior Secured Notes due 2031 and the 3.700% Senior Secured Notes due 2051.</u>
104	The cover page from this Current Report on Form 8-K, formatted in Inline XBRL

* Incorporated by reference and not filed herewith.

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, as amended, each of Charter Communications, Inc. and CCO Holdings, LLC has duly caused this Current Report to be signed on its behalf by the undersigned hereunto duly authorized.

CHARTER COMMUNICATIONS, INC.
Registrant

By: /s/ Kevin D. Howard
Kevin D. Howard
Executive Vice President, Chief Accounting Officer and Controller

Date: April 17, 2020

CCO HOLDINGS, LLC
Registrant

By: /s/ Kevin D. Howard
Kevin D. Howard
Executive Vice President, Chief Accounting Officer and Controller

Date: April 17, 2020

CHARTER COMMUNICATIONS OPERATING, LLC

and

CHARTER COMMUNICATIONS OPERATING CAPITAL CORP.,

as Issuers,

CCO HOLDINGS, LLC

and

THE SUBSIDIARY GUARANTORS PARTY HERETO,

as Note Guarantors,

and

THE BANK OF NEW YORK MELLON TRUST COMPANY, N.A.,

as Trustee and Collateral Agent

SIXTEENTH SUPPLEMENTAL INDENTURE

Dated as of April 17, 2020

2.800% Senior Secured Notes due 2031
3.700% Senior Secured Notes due 2051

CROSS-REFERENCE TABLE*

<i>Trust Indenture Act Section</i>	<i>Indenture Section</i>
310(a)(1)	7.10
(a)(2)	7.10
(a)(3)	N.A.
(a)(4)	N.A.
(a)(5)	7.10
(b)	7.10
(c)	N.A.
311(a)	7.11
(b)	7.11
(c)	N.A.
312(a)	2.05
(b)	12.03
(c)	12.03
313(a)	7.06
(b)(1)	N.A.
(b)(2)	7.06; 7.07
(c)	7.06; 12.02
(d)	7.06
314(a)	4.04; 12.02; 12.04
(b)	N.A.
(c)(1)	12.04
(c)(2)	12.04
(c)(3)	N.A.
(d)	N.A.
(e)	12.05
(f)	N.A.
315(a)	7.01; 7.02
(b)	7.05; 12.02
(c)	7.01
(d)	7.01
(e)	6.11
316(a) (last sentence)	2.09
(a)(1)(A)	6.05
(a)(1)(B)	6.04
(a)(2)	N.A.
(b)	6.07
(c)	2.12
317(a)(1)	6.08
(a)(2)	6.09
(b)	2.04
318(a)	12.01
(b)	N.A.
(c)	12.01

N.A. means not applicable.

* This Cross Reference Table is not part of this Sixteenth Supplemental Indenture.

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COLLATERAL

SIXTEENTH SUPPLEMENTAL INDENTURE dated as of April 17, 2020 (the “*Supplemental Indenture*”) among Charter Communications Operating, LLC, a Delaware limited liability company (and any successor Person thereto, “*CCO*”), Charter Communications Operating Capital Corp., a Delaware corporation (“*Capital Corp*” and, together with CCO, the “*Issuers*”), CCO Holdings, LLC, a Delaware limited liability company (“*CCO Holdings*”), the subsidiary guarantors party hereto (together with CCO Holdings, the “*Note Guarantors*”) and The Bank of New York Mellon Trust Company, N.A., as trustee (together with its successors in such capacity, the “*Trustee*”) and as collateral agent (together with its successors in such capacity, the “*Collateral Agent*”).

WHEREAS, the Issuers, CCO Safari II, LLC, a Delaware limited liability company, the Trustee and the Collateral Agent have previously executed and delivered an Indenture, dated as of July 23, 2015 (the “*Base Indenture*”), providing for the issuance from time to time of one or more series of senior secured debt securities of the Issuers;

WHEREAS, Section 9.01 of the Base Indenture provides that the Issuers, the Note Guarantors and the Trustee may enter into a supplemental indenture to the Base Indenture to, among other things, establish the form or terms of any series of Notes (as defined in the Base Indenture) as permitted by Section 2.01 hereof and Section 9.01 of the Base Indenture;

WHEREAS, clause (13) of Section 9.01 of the Base Indenture provides that the Issuers, the Note Guarantors, the Trustee and the Collateral Agent may enter into a supplemental indenture changing or eliminating any provision of the Base Indenture; *provided*, that any such change shall become effective only when there are no outstanding Notes (as defined in the Base Indenture) of such series created prior to the execution of such supplemental indenture which is entitled to the benefit of such provisions;

WHEREAS, the Issuers and the Note Guarantors are entering into this Supplemental Indenture to, among other things, establish the form and terms of (i) the Issuers’ new series of 2.800% senior secured notes due 2031 (the “*2031 Notes*”) and (ii) the Issuers’ new series of 3.700% senior secured notes due 2051 (the “*2051 Notes*” and together with the 2031 Notes, the “*Notes*”), pursuant to the Base Indenture, as modified by this Supplemental Indenture; and

WHEREAS, all conditions necessary to authorize the execution and delivery of this Supplemental Indenture and to make it a valid and binding obligation of the Issuers and the Note Guarantors have been satisfied or performed.

NOW, THEREFORE, in consideration of the agreements and obligations set forth herein and for other good and valuable consideration, the sufficiency of which is hereby acknowledged, the Issuers, the Note Guarantors, the Trustee and the Collateral Agent, for the benefit of each other and for the equal and ratable benefit of the Holders, hereby enter into this Supplemental Indenture to, among other things, establish the terms of the Notes pursuant to Section 2.01 of the Base Indenture and there is hereby established the Issuers’ “2.800% Senior Secured Notes due 2031” and “3.700% Senior Secured Notes due 2051,” in each case, as a separate series of Notes (as defined in the Base Indenture) and such parties further agree that this Supplemental Indenture affects the Issuers’ 2.800% Senior Secured Notes due 2031 and 3.700% Senior Secured Notes due 2051 only and not any other series of Notes (as defined in the Base Indenture).

ARTICLE 1

DEFINITIONS AND INCORPORATION BY REFERENCE

Section 1.01 Definitions.

The terms defined in this Section 1.01 (except as herein otherwise expressly provided or unless the context of this Supplemental Indenture otherwise requires) for all purposes of this Supplemental Indenture and of any indenture supplemental hereto that governs the Notes have the respective meanings specified in this Section 1.01. All other terms used in this Supplemental Indenture that are defined in the Base Indenture or the TIA, either directly or by reference therein (except as herein otherwise expressly provided or unless the context of this Supplemental Indenture otherwise requires), have the respective meanings assigned to such terms in the Base Indenture or the TIA, as the case may be, as in force at the date of this Supplemental Indenture as originally executed. For the avoidance of doubt, the term “Indebtedness for Borrowed Money” as used herein shall not include any obligations under any lease.

“*Accounting Change*” has the meaning assigned to such term in the definition of “GAAP.”

“*Additional Notes*” means Notes issued pursuant to the terms of this Supplemental Indenture in addition to Initial Notes (other than any Notes issued in respect of Initial Notes pursuant to Sections 2.06, 2.07, 2.10 or 3.06 of this Supplemental Indenture or Section 9.05 of the Base Indenture).

The Notes issued pursuant to this Supplemental Indenture shall, for the avoidance of doubt, constitute “Additional Notes” as defined in the Indenture for the purposes of the Collateral Agreement, dated May 18, 2016, by and among CCO, Capital Corp, the Collateral Agent and the other grantors party thereto from time to time, as the same may be amended, restated, supplemented, replaced or otherwise modified from time to time.

“*Applicable Premium*” means with respect to a Note of a series the greater of (x) 1.0% of the principal amount of such Note and (y) on any redemption date, the excess (to the extent positive) of:

(a) the present value at such redemption date of (i) 100% of the principal amount of such Note on the applicable Par Call Date, plus (ii) all required interest payments due on such Note to and including the applicable Par Call Date (excluding accrued but unpaid interest to the redemption date), computed upon the redemption date using a discount rate equal to the Applicable Treasury Rate at such redemption date plus (A) with respect to the 2031 Notes, 35 basis points, and (B) with respect to the 2051 Notes, 40 basis points; over

(b) the outstanding principal amount of such Note; in each case, as calculated by the Issuers or on behalf of the Issuers by such Person as the Issuers shall designate.

“*Applicable Treasury Rate*” with respect to a Note of a series means, as of any redemption date, the weekly average rounded to the nearest 1/100th of a percentage point (for the most recently completed week for which such information is available as of the date that is two Business Days prior to the redemption date) of the yield to maturity of United States Treasury securities with a constant maturity (as compiled and published in the Federal Reserve Statistical Release H.15 with respect to each applicable day during such week (or, if such statistical release is not so published or available, any publicly available source of similar market data selected by the Issuers in good faith)) most nearly equal to the period from the redemption date to the Par Call Date for the Notes of such series; provided, however, that if the period from the redemption date to such Par Call Date is not equal to the constant maturity of a United States Treasury security for which such an average yield is given, the Applicable Treasury Rate shall be obtained by linear interpolation (calculated to the nearest one-twelfth of a year) from the weekly average yields of United States Treasury securities for which such yields are given, except that if the period from the redemption date to such applicable date is less than one year, the weekly average yield on actually traded United States Treasury securities adjusted to a constant maturity of one year shall be used.

“*Base Indenture*” has the meaning assigned to it in the preamble to this Supplemental Indenture.

“*Capital Corp*” has the meaning assigned to it in the preamble to this Supplemental Indenture.

“*CCO*” has the meaning assigned to it in the preamble to this Supplemental Indenture.

“*CCO Holdings*” has the meaning assigned to it in the preamble to this Supplemental Indenture.

“*Collateral Agent*” has the meaning assigned to it in the preamble to this Supplemental Indenture.

“*Definitive Note*” means a certificated Note registered in the name of the Holder thereof and issued in accordance with Section 2.06, substantially in the form of Exhibit A-1 or A-2, as applicable, hereto except that such Note shall not bear the Global Note Legend and shall not have the “Schedule of Exchanges of Interests in the Global Note” attached thereto.

“*Depository*” means, with respect to the Global Notes, the Person specified in Section 2.03 as the Depository with respect to the Notes, and any and all successors thereto appointed as depository hereunder and having become such pursuant to the applicable provision of this Supplemental Indenture.

“*Derivative Instrument*” with respect to a Person, means any contract, instrument or other right to receive payment or delivery of cash or other assets to which such Person or any Affiliate of such Person that is acting in concert with such Person in connection with such Person’s investment in the Notes (other than a Screened Affiliate) is a party (whether or not requiring further performance by such Person), the value and/or cash flows of which (or any material portion thereof) are materially affected by the value and/or performance of the Notes and/or the creditworthiness of the Issuers (the “*Performance References*”).

“GAAP” means generally accepted accounting principles in the United States in effect on July 23, 2015; *provided* that at any time after the Issue Date, the Issuers may elect to establish that GAAP shall mean the GAAP as in effect on a date that is on or after the Issue Date and on or prior to the date of such election; *provided* that any such election, once made, shall be irrevocable. At any time after the Issue Date, the Issuers may elect to apply International Financial Reporting Standards (“IFRS”) accounting principles in lieu of GAAP and, upon any such election, references herein to GAAP shall thereafter be construed to mean IFRS (except as otherwise provided in this Indenture), including as to the ability of the Issuers to make an election pursuant to the previous sentence; *provided* that any such election, once made, shall be irrevocable; *provided, further*, that any calculation or determination in this Indenture that requires the application of GAAP for periods that include fiscal quarters ended prior to the Issuers’ election to apply IFRS shall remain as previously calculated or determined in accordance with GAAP; *provided, further again*, that the Issuers may only make such election if they also elect to report any subsequent financial reports required to be made by the Issuers, including pursuant to Section 13 or Section 15(d) of the Exchange Act and the covenants set forth under “Reports,” in IFRS. The Issuers shall give notice of any such election made in accordance with this definition to the Trustee and the Holders.

If there occurs a change in IFRS or GAAP, as the case may be, and such change would cause a change in the method of calculation of any standards, terms or measures (including all computations of amounts and ratios) used in this Indenture (an “Accounting Change”), then the Issuers may elect that such standards, terms or measures shall be calculated as if such Accounting Change had not occurred.

“Global Note” means a permanent Global Note substantially in the form of Exhibit A-1 or A-2, as applicable, hereto that bears the Global Note Legend and that has the “Schedule of Exchanges of Interests in the Global Note” attached thereto, and that is deposited with or on behalf of and registered in the name of the Depositary, representing the Initial Notes or any Additional Notes.

“Global Note Legend” means the legend set forth in Section 2.06(f) which is required to be placed on all Global Notes issued under this Supplemental Indenture.

“IFRS” has the meaning assigned to such term in the definition of “GAAP.”

“Indenture” means the Base Indenture, as supplemented by this Supplemental Indenture and as further amended or supplemented from time to time with respect to the Notes.

“Initial Notes” means the Notes issued on the Issue Date (and any Notes issued in respect thereof pursuant to Section 2.06, 2.07, 2.10 or 3.06 of this Supplemental Indenture or Section 9.05 of the Base Indenture).

“Issue Date” means April 17, 2020.

“Issuers” means collectively, CCO and Capital Corp, as the context requires.

“Long Derivative Instrument” means a Derivative Instrument (i) the value of which generally increases, and/or the payment or delivery obligations under which generally decrease, with positive changes to the Performance References and/or (ii) the value of which generally decreases, and/or the payment or delivery obligations under which generally increase, with negative changes to the Performance References.

“*Moody’s*” means Moody’s Investors Service, Inc. or any successor to the rating agency business thereof.

“*Net Short*” means, with respect to a Holder or beneficial owner, as of a date of determination, either (i) the value of its Short Derivative Instruments exceeds the sum of the (x) the value of its Notes plus (y) the value of its Long Derivative Instruments as of such date of determination or (ii) it is reasonably expected that such would have been the case were a Failure to Pay or Bankruptcy Credit Event (each as defined in the 2014 ISDA Credit Derivatives Definitions) to have occurred with respect to any Issuer immediately prior to such date of determination.

“*Note*” or “*Notes*” has the meaning assigned to it in the preamble and includes the Initial Notes and any Additional Notes.

“*Note Guarantors*” has the meaning assigned to it in the preamble to this Supplemental Indenture.

“*Par Call Date*” means (i) with respect to the 2031 Notes, January 1, 2031 and (ii) with respect to the 2051 Notes, October 1, 2050.

“*Performance References*” has the meaning assigned to such term in the definition of “Derivative Instrument.”

“*Prospectus*” means the base prospectus, dated December 22, 2017, as supplemented by the preliminary prospectus supplement, dated April 14, 2020, as supplemented or amended by the free writing prospectus, dated April 14, 2020, and the final prospectus supplement, dated April 14, 2020, relating to the offering by the Issuers of \$3,000,000,000 aggregate principal amount of Initial Notes.

“*Register*” means a register in which, subject to such reasonable regulations as it may prescribe, the Issuers shall provide for the registration of the Notes and of transfers and exchanges of such Notes which the Issuers shall cause to be kept at the appropriate office of the Registrar in accordance with Section 2.03.

“*S&P*” means S&P Global Ratings or any successor to the rating agency business thereof.

“*Screened Affiliate*” means any Affiliate of a Holder (i) that makes investment decisions independently from such Holder and any other Affiliate of such Holder that is not a Screened Affiliate, (ii) that has in place customary information screens between it and such Holder and any other Affiliate of such Holder that is not a Screened Affiliate and such screens prohibit the sharing of information with respect to the Issuers or their Subsidiaries, (iii) whose investment policies are not directed by such Holder or any other Affiliate of such Holder that is acting in concert with such Holder in connection with its investment in the Notes, and (iv) whose investment decisions are not influenced by the investment decisions of such Holder or any other Affiliate of such Holder that is acting in concert with such Holder in connection with its investment in the Notes.

“*Short Derivative Instrument*” means a Derivative Instrument (i) the value of which generally decreases, and/or the payment or delivery obligations under which generally increase, with positive changes to the Performance References and/or (ii) the value of which generally increases, and/or the payment or delivery obligations under which generally decrease, with negative changes to the Performance References.

“*Supplemental Indenture*” has the meaning assigned to it in the preamble to this Supplemental Indenture.

“*Trustee*” has the meaning assigned to it in the preamble to this Supplemental Indenture.

With respect to the Notes only, the following definition is added to Section 1.01 of the Base Indenture:

“*Existing Secured Notes*” means the previously issued debt securities of the Issuers outstanding on the date hereof.

With respect to the Notes only, the definition of “Credit Agreement” in the Base Indenture is hereby replaced with the following:

“*Credit Agreement*” means the Credit Agreement, dated as of March 18, 1999, as amended and restated as of April 26, 2019, as amended as of October 24, 2019 among CCO Holdings, LLC, CCO, the lenders party thereto, Bank of America, N.A., as administrative agent, and the other parties thereto together with the related documents thereto (including any term loans and revolving loans thereunder, any guarantees and security documents), as further amended, extended, renewed, restated, supplemented or otherwise modified (in whole or in part, and without limitation as to amount, terms, conditions, covenants and other provisions) from time to time, and any agreement (and related document) governing indebtedness incurred to refinance, in whole or in part, the borrowings and commitments then outstanding or permitted to be outstanding under such Credit Agreement or a successor Credit Agreement, whether by the same or any other lender or group of lenders; *provided* that this Supplemental Indenture shall not constitute the Credit Agreement.

With respect to the Notes only, the definition of “Designated Parent Companies” in the Base Indenture is hereby replaced with the following:

“*Designated Parent Companies*” means Charter Communications, Inc., CCH II, CCH and CCHC.

With respect to the Notes only, the definition of “Existing TWC Notes” in the Base Indenture is hereby replaced with the following:

“*Existing TWC Notes*” means any debt securities of Time Warner Cable, LLC or any of its Subsidiaries (other than debt securities held by Time Warner Cable, LLC or any of its Subsidiaries) outstanding on the Issue Date.

With respect to the Notes only, the definition of “Permitted Liens” in the Base Indenture is hereby replaced with the following:

“Permitted Liens” means:

- (1) Liens Incurred by Subsidiaries of CCO to secure Indebtedness For Borrowed Money of such Subsidiaries to CCO or to one or more other Subsidiaries of CCO;
- (2) Liens existing on the Issue Date (other than Liens securing obligations under the Credit Agreement, the Notes, the Existing Secured Notes or the Existing TWC Notes);
- (3) Liens (excluding for the avoidance of doubt, any Liens securing the Existing TWC Notes) affecting property of a Person existing at the time it becomes a Subsidiary of CCO or at the time it merges into or consolidates with CCO or a Subsidiary of CCO or at the time of a sale, lease or other disposition of all or substantially all of the properties of such Person to CCO or any of its Subsidiaries;
- (4) Liens (excluding for the avoidance of doubt, any Liens securing the Existing TWC Notes) on property or assets existing at the time of the acquisition thereof or incurred to secure payment of all or a part of the purchase price thereof or to secure indebtedness incurred prior to, at the time of, or within 18 months after the acquisition thereof for the purpose of financing all or part of the purchase price thereof, in a principal amount not exceeding 110% of the purchase price;
- (5) Liens on any property to secure all or part of the cost of improvements or construction thereon or indebtedness incurred to provide funds for such purpose in a principal amount not exceeding 110% of the cost of such improvements or construction;
- (6) Liens on shares of stock, indebtedness or other securities or assets of a Person that is not a Subsidiary of CCO;
- (7) any extension, renewal or replacement (or successive extensions, renewals or replacements), as a whole or in part, of any Liens described in clauses (2), (3), (4), (5), (6), (9), (10) and (11) (it being understood that any such Liens described in clause (10) extended, renewed or replaced shall still be deemed outstanding for the purposes of such clause (10) and permitted thereunder), of this definition, for amounts not exceeding the principal amount of the Indebtedness For Borrowed Money secured by the Lien so extended, renewed or replaced (plus an amount equal to any premiums, accrued interest, fees and expenses payable in connection therewith); *provided, however*, that such extension, renewal or replacement Lien is limited to all or a part of the same assets that were covered by the Lien extended renewed or replaced (plus improvements on such assets and any Liens on assets that could have secured the Indebtedness For Borrowed Money pursuant to written agreements and instruments existing at the time);
- (8) with respect to the Notes of each series, Liens securing Obligations in respect of the Notes of each series and the Note Guarantees thereof and Liens in favor of the Trustee;
- (9) Liens resulting from progress payments or partial payments under United States government contracts or subcontracts;
- (10) Liens arising or existing in connection with Indebtedness For Borrowed Money in an aggregate principal amount not exceeding at the time such Lien is issued, created or assumed the greater of (a) 15% of the Consolidated Net Worth of CCO and (b) \$7 billion; and

(11) Liens securing the Increased Amount of Indebtedness For Borrowed Money so long as the Lien securing such Indebtedness For Borrowed Money was permitted under this Indenture.

With respect to the Notes only, the definition of “Wholly Owned Subsidiary” in the Base Indenture is hereby replaced with the following:

“*Wholly Owned Subsidiary*” means, as to any Person, any other Person all of the Equity Interests of which (other than (i) directors’ qualifying shares required by law or (ii) in the case of CC VIII, LLC, the CCVIII Interest (as defined in the Credit Agreement)) are owned by such Person directly or through other Wholly Owned Subsidiaries or a combination thereof.

Section 1.02 Other Definitions.

Term	Defined in Section
“ <i>Authentication Order</i> ”	2.02
“ <i>Default Direction</i> ”	6.02
“ <i>Directing Holder</i> ”	6.02
“ <i>DTC</i> ”	2.03
“ <i>Noteholder Direction</i> ”	6.02
“ <i>Paying Agent</i> ”	2.03
“ <i>Position Representation</i> ”	6.02
“ <i>Registrar</i> ”	2.03
“ <i>series</i> ”	2.01
“ <i>Verification Covenant</i> ”	6.02

ARTICLE 2

THE NOTES

With respect to the Notes only, Article 2 of the Base Indenture is hereby replaced with the following:

Section 2.01 Form and Dating.

(a) *General.* The Notes and the Trustee’s certificate of authentication shall be substantially in the form of (i) in the case of the 2031 Notes, Exhibit A-1 and (ii) in the case of the 2051 Notes, Exhibit A-2. The 2031 Notes and the 2051 Notes are each a separate “*series*” of Notes for the purposes of the Base Indenture and this Supplemental Indenture. The Notes may have notations, legends or endorsements required by law, stock exchange rule or usage or this Supplemental Indenture. Each Note shall be dated the date of its authentication. The Notes shall be in minimum denominations of \$2,000 and integral multiples of \$1,000 in excess thereof.

The terms and provisions contained in the Notes shall constitute, and are hereby expressly made, a part of this Supplemental Indenture and the Issuers and the Trustee, by their execution and delivery of this Supplemental Indenture, expressly agree to such terms and provisions and to be bound thereby. However, to the extent any provision of any Note conflicts with the express provisions of this Supplemental Indenture, the provisions of this Supplemental Indenture shall govern and be controlling.

(b) *Global Notes.* Notes issued in global form shall be substantially in the form of (i) in the case of the 2031 Notes, Exhibit A-1 and (ii) in the case of the 2051 Notes, Exhibit A-2, including the Global Note Legend thereon and the “Schedule of Exchanges of Interests in the Global Note” attached thereto. Notes issued in definitive form shall be substantially in the form of (i) in the case of the 2031 Notes, Exhibit A-1 and (ii) in the case of the 2051 Notes, Exhibit A-2, without the Global Note Legend thereon and without the “Schedule of Exchanges of Interests in the Global Note” attached thereto. Each Global Note shall represent such outstanding Notes as shall be specified therein and each shall provide that it shall represent the aggregate principal amount of outstanding Notes from time to time endorsed thereon and that the aggregate principal amount of outstanding Notes represented thereby may from time to time be reduced or increased, as appropriate, to reflect exchanges and redemptions. Any endorsement of a Global Note to reflect the amount of any increase or decrease in the aggregate principal amount of outstanding Notes represented thereby shall be made by the Trustee or the custodian, at the direction of the Trustee, in accordance with instructions given by the Holder thereof as required by Section 2.06.

(c) *Form of Initial Notes, Etc.* All Initial Notes issued on the Issue Date are to be initially represented by one or more Global Notes.

Section 2.02 Execution and Authentication.

Two Officers shall sign the Notes for each Issuer by manual or facsimile signature.

If an Officer whose signature is on a Note no longer holds that office at the time a Note is authenticated, the Note shall nevertheless be valid.

A Note shall not be valid until authenticated by the manual or electronic signature of the Trustee. The signature shall be conclusive evidence that the Note has been authenticated under this Supplemental Indenture.

At any time and from time to time after the execution and delivery of this Supplemental Indenture, the Issuers may deliver Notes executed by the Issuers to the Trustee for authentication; and the Trustee shall authenticate and deliver (i) Initial Notes for original issue in the aggregate principal amount of (a) in the case of the 2031 Notes \$1,600,000,000 and (b) in the case of the 2051 Notes \$1,400,000,000, and (ii) Additional Notes from time to time for original issue in aggregate principal amount specified by the Issuers, in each case specified in clauses (i) and (ii) above, upon a written order of the Issuers signed by an Officer of each Issuer (an “*Authentication Order*”). Such Authentication Order shall specify the amount and series of Notes to be authenticated and the date on which the Notes are to be authenticated, whether such Notes are to be Initial Notes or Additional Notes and whether the Notes are to be issued as one or more Global Notes and such other information as the Issuers may include or the Trustee may reasonably request. The aggregate principal amount of Notes which may be authenticated and delivered under this Supplemental Indenture is unlimited.

On the Issue Date, the Issuers will issue Initial Notes in the form of one or more Global Notes, as provided in Section 2.01(c). Any Additional Notes shall also be issued in the form of one or more Global Notes, as provided in Section 2.01(c).

The Trustee may appoint an authenticating agent acceptable to the Issuers to authenticate Notes. An authenticating agent may authenticate Notes whenever the Trustee may do so. Each reference in this Supplemental Indenture to authentication by the Trustee includes authentication by such agent. An authenticating agent has the same rights as an Agent to deal with Holders or an Affiliate of the Issuers.

Section 2.03 Registrar and Paying Agent.

The Issuers shall maintain an office or agency in the Borough of Manhattan, the City of New York, where Notes may be presented for registration of transfer or for exchange (“*Registrar*”) and an office or agency where Notes may be presented for payment (“*Paying Agent*”). Until otherwise designated by the Issuers, the Issuers’ office or agency in New York shall be the office of the Trustee maintained for such purpose. The Registrar shall keep the Register of the Notes and of their transfer and exchange. The Issuers may appoint one or more co-registrars and one or more additional paying agents. The term “*Registrar*” includes any co-registrar and the term “*Paying Agent*” includes any additional paying agent. The Issuers may change any Paying Agent or Registrar without notice to any Holder. The Registrar or Paying Agent may resign at any time upon not less than 10 Business Days’ prior written notice to the Issuers. The Issuers shall enter into an appropriate agency agreement with any Agent not a party to this Supplemental Indenture, which shall incorporate any applicable terms of the TIA. The Issuers shall notify the Trustee in writing of the name and address of any Agent not a party to this Supplemental Indenture. The Company or any of its Subsidiaries may act as Paying Agent or Registrar.

The Issuers initially appoint The Depository Trust Company (“*DTC*”) to act as Depository with respect to the Global Notes.

The Issuers initially appoint the Trustee to act as the Registrar and Paying Agent and to act as custodian with respect to the Global Notes.

Section 2.04 Paying Agent to Hold Money in Trust.

Principal of, premium, if any, and interest on the Notes will be payable at the office of the Paying Agent or, at the option of the Issuers, payment of interest may be made by check mailed to Holders at their respective addresses set forth in the Register; *provided*, all payments of principal, premium, if any, and interest with respect to the Notes represented by one or more Global Notes registered in the name or held by the Depository shall be made by wire transfer of immediately available funds to accounts specified by the Holder prior to 10:00 a.m., New York time, on each due date of the principal and interest on any Note. The Issuers shall require each Paying Agent other than the Trustee to agree in writing that the Paying Agent shall hold in trust for the benefit of Holders or the Trustee all money held by the Paying Agent for the payment of principal, premium, if any, or interest on the Notes, and shall notify the Trustee of any default by the Issuers in making any such payment. While any such default continues, the Trustee may require a Paying Agent to pay all money held by it to the Trustee. The Issuers at any time may require a Paying Agent to pay all money held by it to the Trustee. Upon payment over to the Trustee, the Paying Agent (if other than an Issuer or a Subsidiary) shall have no further liability for the money. If an Issuer or a Subsidiary acts as Paying Agent, it shall segregate and hold in a separate trust fund for the benefit of Holders all money held by it as Paying Agent. Upon any bankruptcy or reorganization proceedings relating to the Issuers, the Trustee shall serve as Paying Agent for the Notes.

Section 2.05 Holder Lists.

The Trustee shall preserve in as current a form as is reasonably practicable the most recent list available to it of the names and addresses of all Holders and shall otherwise comply with TIA § 312(a). If the Trustee is not the Registrar, the Issuers shall furnish to the Trustee at least seven Business Days before each interest payment date and at such other times as the Trustee may request in writing, a list in such form and as of such date as the Trustee may reasonably require of the names and addresses of Holders, and the Issuers shall otherwise comply with TIA § 312(a).

Section 2.06 Transfer and Exchange.

(a) *Transfer and Exchange of Global Notes.* A Global Note may not be transferred as a whole except by the Depositary to a nominee of the Depositary, by a nominee of the Depositary to the Depositary or to another nominee of the Depositary, or by the Depositary or any such nominee to a successor Depositary or a nominee of such successor Depositary. All Global Notes shall be exchanged by the Issuers for Definitive Notes if:

(i) the Issuers deliver to the Trustee notice from the Depositary that it is unwilling or unable to continue to act as Depositary or that it is no longer a clearing agency registered under the Exchange Act and, in either case, a successor Depositary is not appointed by the Issuers within 120 days after the date of such notice from the Depositary;

(ii) the Issuers in their sole discretion determine that the Global Notes (in whole but not in part) should be exchanged for Definitive Notes and deliver a written notice to such effect to the Trustee; or

(iii) there shall have occurred and be continuing a Default or Event of Default with respect to the Notes.

Upon the occurrence of any of the preceding events in (i), (ii) or (iii) above, Definitive Notes shall be issued in such names as the Depositary shall instruct the Trustee. Global Notes also may be exchanged or replaced, in whole or in part, as provided in Sections 2.07 and 2.10. Every Note authenticated and delivered in exchange for, or in lieu of, a Global Note or any portion thereof, pursuant to this Section 2.06 or Section 2.07 or 2.10, shall be authenticated and delivered in the form of, and shall be, a Global Note. A Global Note may not be exchanged for another Note other than as provided in this Section 2.06(a); however, beneficial interests in a Global Note may be transferred and exchanged as provided in Section 2.06(b) and (c).

(b) Transfer and Exchange of Beneficial Interests in the Global Notes.

The transfer and exchange of beneficial interests in the Global Notes shall be effected through the Depositary, in accordance with the provisions of this Supplemental Indenture and the Applicable Procedures. Transfers of beneficial interests in the Global Notes also shall require compliance with subparagraph (i) below, as well as one or more of the other following subparagraphs, as applicable:

(i) The transferor of beneficial interest in Global Notes must deliver to the Registrar either:

(A) (1) a written order from a Participant or an Indirect Participant given to the Depositary in accordance with the Applicable Procedures directing the Depositary to credit or cause to be credited a beneficial interest in another Global Note in an amount equal to the beneficial interest to be transferred or exchanged; and (2) instructions given in accordance with the Applicable Procedures containing information regarding the Participant account to be credited with such increase; or

(B) (1) a written order from a Participant or an Indirect Participant given to the Depositary in accordance with the Applicable Procedures directing the Depositary to cause to be issued a Definitive Note in an amount equal to the beneficial interest to be transferred or exchanged; and (2) instructions given by the Depositary to the Registrar containing information regarding the Person in whose name such Definitive Note shall be registered to effect the transfer or exchange referred to in (a) above.

Upon satisfaction of all of the requirements for transfer or exchange of beneficial interests in Global Notes contained in this Supplemental Indenture and the Notes or otherwise applicable under the Securities Act, the Trustee shall adjust the principal amount of the relevant Global Note(s) pursuant to Section 2.06(g).

(c) Transfer or Exchange of Beneficial Interests for Definitive Notes.

(i) *Beneficial Interests in Global Notes to Definitive Notes.* If any Holder of a beneficial interest in a Global Note proposes to exchange such beneficial interest for a Definitive Note or to transfer such beneficial interest to a Person who takes delivery thereof in the form of a Definitive Note, then, upon satisfaction of the conditions set forth in Section 2.06(b)(i), the Trustee shall cause the aggregate principal amount of the applicable Global Note to be reduced accordingly pursuant to Section 2.06(g), and the Issuers shall execute and the Trustee shall authenticate and deliver to the Person designated in the instructions a Definitive Note in the appropriate principal amount. Any Definitive Note issued in exchange for a beneficial interest pursuant to this Section 2.06(c)(i) shall be registered in such name or names and in such authorized denomination or denominations as the Holder of such beneficial interest shall instruct the Registrar through instructions from the Depositary and the Participant or Indirect Participant. The Trustee shall deliver such Definitive Notes to the Persons in whose names such Notes are so registered.

(d) Transfer and Exchange of Definitive Notes for Beneficial Interests in Global Notes.

(i) *Definitive Notes to Beneficial Interests in Global Notes.* A Holder of a Definitive Note may exchange such Note for a beneficial interest in a Global Note or transfer such Definitive Notes to a Person who takes delivery thereof in the form of a beneficial interest in a Global Note at any time. Upon receipt of a request for such an exchange or transfer, the Trustee shall cancel the applicable Definitive Note and increase or cause to be increased the aggregate principal amount of one of the Global Notes.

(e) *Transfer and Exchange of Definitive Notes for Definitive Notes.* Upon request by a Holder of Definitive Notes and such Holder's compliance with the provisions of this Section 2.06(e), the Registrar shall register the transfer or exchange of Definitive Notes. Prior to such registration of transfer or exchange, the requesting Holder shall present or surrender to the Registrar the Definitive Notes duly endorsed or accompanied by a written instruction of transfer in form satisfactory to the Registrar duly executed by such Holder or by its attorney, duly authorized in writing. In addition, the requesting Holder shall provide any additional certifications, documents and information, as applicable, required pursuant to the following provisions of this Section 2.06(e):

(i) *Definitive Notes to another Definitive Note.* A Holder of Definitive Notes may transfer such Notes to a Person who takes delivery thereof in the form of another Definitive Note. Upon receipt of a request to register such a transfer, the Registrar shall register the Definitive Notes pursuant to the instructions from the Holder thereof.

(f) *Global Note Legend.* Each Global Note shall bear a legend in substantially the following form:

THIS GLOBAL NOTE IS HELD BY THE DEPOSITARY (AS DEFINED IN THE SUPPLEMENTAL INDENTURE GOVERNING THIS NOTE) OR ITS NOMINEE IN CUSTODY FOR THE BENEFIT OF THE BENEFICIAL OWNERS HEREOF, AND IS NOT TRANSFERABLE TO ANY PERSON UNDER ANY CIRCUMSTANCES EXCEPT THAT (1) THE TRUSTEE MAY MAKE SUCH NOTATIONS HEREON AS MAY BE REQUIRED PURSUANT TO SECTION 2.06 OF THE SUPPLEMENTAL INDENTURE, (2) THIS GLOBAL NOTE MAY BE EXCHANGED IN WHOLE BUT NOT IN PART PURSUANT TO SECTION 2.06(a) OF THE SUPPLEMENTAL INDENTURE, (3) THIS GLOBAL NOTE MAY BE DELIVERED TO THE TRUSTEE FOR CANCELLATION PURSUANT TO SECTION 2.11 OF THE SUPPLEMENTAL INDENTURE AND (4) THIS GLOBAL NOTE MAY BE TRANSFERRED TO A SUCCESSOR DEPOSITARY WITH THE PRIOR WRITTEN CONSENT OF THE ISSUERS. UNLESS AND UNTIL IT IS EXCHANGED IN WHOLE OR IN PART FOR NOTES IN DEFINITIVE FORM, THIS NOTE MAY NOT BE TRANSFERRED EXCEPT AS A WHOLE BY THE DEPOSITARY TO A NOMINEE OF THE DEPOSITARY OR BY A NOMINEE OF THE DEPOSITARY TO THE DEPOSITARY OR ANOTHER NOMINEE OF THE DEPOSITARY OR BY THE DEPOSITARY OR ANY SUCH NOMINEE TO A SUCCESSOR DEPOSITARY OR A NOMINEE OF SUCH SUCCESSOR DEPOSITARY. UNLESS THIS CERTIFICATE IS PRESENTED BY AN AUTHORIZED REPRESENTATIVE OF THE DEPOSITARY TRUST COMPANY (55 WATER STREET, NEW YORK, NEW YORK) ("DTC"), TO EACH ISSUER OR ITS AGENT FOR REGISTRATION OF TRANSFER, EXCHANGE OR PAYMENT, AND ANY CERTIFICATE ISSUED IS REGISTERED IN THE NAME OF CEDE & CO. OR SUCH OTHER NAME AS MAY BE REQUESTED BY AN AUTHORIZED REPRESENTATIVE OF DTC (AND ANY PAYMENT IS MADE TO CEDE & CO. OR SUCH OTHER ENTITY AS MAY BE REQUESTED BY AN AUTHORIZED REPRESENTATIVE OF DTC), ANY TRANSFER, PLEDGE OR OTHER USE HEREOF FOR VALUE OR OTHERWISE BY OR TO ANY PERSON IS WRONGFUL INASMUCH AS THE REGISTERED OWNER HEREOF, CEDE & CO., HAS AN INTEREST HEREIN.

(g) *Cancellation and/or Adjustment of Global Notes.* At such time as all beneficial interests in a particular Global Note have been exchanged for Definitive Notes or a particular Global Note has been redeemed, repurchased or canceled in whole and not in part, each such Global Note shall be returned to or retained and canceled by the Trustee in accordance with Section 2.11. At any time prior to such cancellation, if any beneficial interest in a Global Note is exchanged for or transferred to a Person who will take delivery thereof in the form of a beneficial interest in another Global Note or for Definitive Notes, the principal amount of Notes represented by such Global Note shall be reduced accordingly and an endorsement shall be made on such Global Note by the Trustee or by the Depositary at the direction of the Trustee to reflect such reduction; and if the beneficial interest is being exchanged for or transferred to a Person who will take delivery thereof in the form of a beneficial interest in another Global Note, such other Global Note shall be increased accordingly and an endorsement shall be made on such Global Note by the Trustee or by the Depositary at the direction of the Trustee to reflect such increase.

(h) General Provisions Relating to Transfers and Exchanges.

(i) To permit registrations of transfers and exchanges, the Issuers shall execute and the Trustee shall authenticate Global Notes and Definitive Notes upon the Issuers' order or at the Registrar's request.

(ii) No service charge shall be made to a Holder of a beneficial interest in a Global Note or to a Holder of a Definitive Note for any registration of transfer or exchange, but the Issuers may require payment of a sum sufficient to cover any transfer tax or similar governmental charge payable in connection therewith (other than any such transfer taxes or similar governmental charge payable upon exchange or transfer pursuant to Section 2.10 hereof and Section 9.05 of the Base Indenture).

(iii) The Registrar shall not be required to register the transfer of or exchange any Note selected for redemption in whole or in part, except the unredeemed portion of any Note being redeemed in part.

(iv) All Global Notes and Definitive Notes issued upon any registration of transfer or exchange of Global Notes or Definitive Notes shall be the valid obligations of the Issuers, evidencing the same debt, and entitled to the same benefits under this Supplemental Indenture, as the Global Notes or Definitive Notes surrendered upon such registration of transfer or exchange.

- (v) The Issuers shall not be required to register the transfer of or to exchange a Note between a record date and the next succeeding interest payment date.
- (vi) Prior to due presentment for the registration of a transfer of any Note, the Trustee, any Agent and the Issuers may deem and treat the Person in whose name any Note is registered as the absolute owner of such Note for the purpose of receiving payment of principal of and interest on such Notes and for all other purposes, and none of the Trustee, any Agent or the Issuers shall be affected by notice to the contrary.
- (vii) The Trustee shall authenticate Global Notes and Definitive Notes in accordance with the provisions of Section 2.02.
- (viii) All certifications, certificates and Opinions of Counsel required to be submitted to the Registrar pursuant to this Section 2.06 to effect a registration of transfer or exchange may be submitted by facsimile.
- (ix) Each Holder of a Note agrees to indemnify the Issuers and the Trustee against any liability that may result from the transfer, exchange or assignment of such Holder's Note in violation of any provision of this Supplemental Indenture and/or applicable United States Federal or state securities law.
- (x) The Trustee shall have no obligation or duty to monitor, determine or inquire as to compliance with any restrictions on transfer imposed under this Supplemental Indenture or under applicable law with respect to any transfer of any interest in any Note (including any transfers between or among Depository Participants or beneficial owners of interests in any Global Note) other than to require delivery of such certificates and other documentation or evidence as are expressly required by, and to do so if and when expressly required by the terms of, this Supplemental Indenture, and to examine the same to determine substantial compliance as to form with the express requirements hereof.
- (xi) Neither the Trustee nor any Agent shall have any responsibility for any actions taken or not taken by the Depository.

Section 2.07 Replacement Notes.

If any mutilated Note is surrendered to the Trustee or the Issuers and the Trustee receives evidence to its satisfaction of the destruction, loss or theft of any Note, the Issuers shall issue and the Trustee, upon receipt of an Authentication Order, shall authenticate a replacement Note if the Trustee's requirements are met. If required by the Trustee or the Issuers, an indemnity bond must be supplied by the Holder that is sufficient in the judgment of the Trustee and the Issuers to protect the Issuers, the Trustee, any Agent and any authenticating agent from any loss that any of them may suffer if a Note is replaced. The Issuers may charge for their expenses in replacing a Note.

Every replacement Note is an additional legally binding obligation of the Issuers and shall be entitled to all of the benefits of this Supplemental Indenture equally and proportionately with all other Notes duly issued hereunder.

Section 2.08 Outstanding Notes.

The Notes outstanding at any time are all the Notes authenticated by the Trustee except for those canceled by it, those delivered to it for cancellation, those reductions in the interest in a Global Note effected by the Trustee in accordance with the provisions of this Supplemental Indenture, and those described in this Section 2.08 as not outstanding. Except as set forth in Section 2.09, a Note does not cease to be outstanding because the Company or an Affiliate of the Company holds the Note.

If a Note is replaced pursuant to Section 2.07, it ceases to be outstanding unless the Trustee receives proof satisfactory to it that the replaced Note is held by a bona fide purchaser.

If the principal amount of any Note is considered paid under Section 4.01 of the Base Indenture, it ceases to be outstanding and interest on it ceases to accrue.

If the Paying Agent (other than an Issuer, a Subsidiary or an Affiliate of any thereof) holds, on a redemption date or maturity date, money sufficient to pay Notes payable on that date, then on and after that date such Notes shall be deemed to be no longer outstanding and shall cease to accrue interest.

Section 2.09 Treasury Notes.

In determining whether the Holders of the required principal amount of Notes have concurred in any direction, waiver or consent, Notes owned by the Issuers, or by any Person directly or indirectly controlled by or under direct or indirect common control with the Issuers or, if the TIA is applicable to this Supplemental Indenture, to the extent required by the TIA, any person controlling the Issuers, shall be considered as though not outstanding, except that for the purposes of determining whether the Trustee shall be protected in relying on any such direction, waiver or consent, only Notes that a Responsible Officer of the Trustee knows are so owned shall be so disregarded.

Section 2.10 Temporary Notes.

Until certificates representing Notes are ready for delivery, the Issuers may prepare and the Trustee, upon receipt of an Authentication Order, shall authenticate temporary Notes. Temporary Notes shall be substantially in the form of certificated Notes but may have variations that the Issuers consider appropriate for temporary Notes and as shall be reasonably acceptable to the Trustee. Without unreasonable delay, the Issuers shall prepare and the Trustee shall authenticate Definitive Notes in exchange for temporary Notes.

Holders of temporary Notes shall be entitled to all of the benefits of this Supplemental Indenture.

Section 2.11 Cancellation.

The Issuers at any time may deliver Notes to the Trustee for cancellation. The Registrar and Paying Agent shall forward to the Trustee any Notes surrendered to them for registration of transfer, exchange or payment. The Trustee and no one else shall cancel all Notes surrendered for registration of transfer, exchange, payment, replacement or cancellation and shall dispose of such canceled Notes in its customary manner. The Issuers may not issue new Notes to replace Notes that they have paid or that have been delivered to the Trustee for cancellation.

Section 2.12 Defaulted Interest.

If the Issuers default in a payment of interest on the Notes, the Issuers shall pay the defaulted interest in any lawful manner plus, to the extent lawful, interest payable on the defaulted interest, which interest on defaulted interest shall accrue until the defaulted interest is deemed paid hereunder, to the Persons who are Holders on a subsequent special record date, in each case at the rate provided in the Notes and in Section 4.01 of the Base Indenture. The Issuers shall notify the Trustee in writing of the amount of defaulted interest proposed to be paid on each Note and the date of the proposed payment. The Issuers shall fix or cause to be fixed each such special record date and payment date; *provided* that no such special record date shall be less than 10 days prior to the related payment date for such defaulted interest. At least 15 days before the special record date, the Issuers (or, upon the written request of the Issuers, the Trustee in the name and at the expense of the Issuers) shall mail or cause to be mailed to Holders a notice that states the special record date, the related payment date and the amount of such interest to be paid.

Section 2.13 CUSIP Numbers.

The Issuers in issuing the Notes may use "CUSIP" numbers (if then generally in use), and, if so, the Trustee shall use "CUSIP" numbers in notices of redemption as a convenience to Holders; *provided* that any such notice may state that no representation is made as to the correctness of such numbers either as printed on the Notes or as contained in any notice of a redemption and that reliance may be placed only on the other identification numbers printed on the Notes, and any such redemption shall not be affected by any defect in or omission of such numbers. The Issuers will promptly notify the Trustee in writing of any change in the "CUSIP" numbers.

Section 2.14 FATCA.

The Issuers hereby agree (i) to give notice to the Trustee upon becoming aware that any payment under the Indenture will be treated as a withholdable payment, as such term is used in Sections 1471-1474 of the U.S. Internal Revenue Code of 1986, as amended, and Treasury regulations promulgated thereunder ("*Applicable Law*"); and (ii) that the Trustee shall be entitled to make any withholding or deductions from payments under the Indenture (and shall not be required to pay any additional amounts with respect to any such withholding or deduction on or in respect of the Notes) to the extent necessary to comply with Applicable Law.

ARTICLE 3

REDEMPTION AND PREPAYMENT

With respect to the Notes only, Article 3 of the Base Indenture is hereby replaced with the following:

Section 3.01 Notices to Trustee.

If the Issuers elect to redeem Notes pursuant to the optional redemption provisions of Section 3.07, it shall furnish to the Trustee, at least 10 days but not more than 30 days before a redemption date, an Officers' Certificate setting forth (i) the clause of this Supplemental Indenture pursuant to which the redemption shall occur, (ii) the redemption date, (iii) the principal amount of Notes to be redeemed and (iv) the redemption price; *provided* that the Issuers shall notify the Trustee 5 days prior to any such redemption, which notice period may be waived by the Trustee.

Section 3.02 Selection of Notes to Be Redeemed.

If less than all of the Notes are to be redeemed at any time, (x) if the Notes are held in definitive form, the Notes shall be selected for redemption by lot, and (y) if the Notes are held in global form, the Notes shall be selected for redemption by the depository in accordance with their applicable procedures.

In the event of partial redemption by lot, the particular Notes to be redeemed shall be selected, unless otherwise provided herein, not less than 15 nor more than 30 days prior to the redemption date by the Trustee from the outstanding Notes not previously called for redemption.

The Trustee shall promptly notify the Issuers in writing of the Notes selected for redemption and, in the case of any Note selected for partial redemption, the principal amount thereof to be redeemed. Notes and portions of Notes selected shall be in amounts of \$2,000 or whole multiples of \$1,000 in excess thereof; except that if all of a Holder's Notes are to be redeemed, the entire outstanding amount of Notes held by such Holder, even if not a multiple of \$1,000, shall be redeemed. Except as provided in the preceding sentence, provisions of this Supplemental Indenture that apply to Notes called for redemption also apply to portions of Notes called for redemption.

Section 3.03 Notice of Redemption.

At least 10 days but not more than 30 days before a redemption date, the Issuers shall transmit or cause to be transmitted, a notice of redemption to each Holder whose Notes are to be redeemed at its registered address.

The notice shall identify the Notes to be redeemed and shall state:

- (a) the redemption date;
- (b) the redemption price;

- (c) if any Note is being redeemed in part only, the portion of the principal amount of such Note to be redeemed and that, after the redemption date upon surrender of such Note, a new Note or Notes in principal amount equal to the unredeemed portion shall be issued upon cancellation of the original Note;
- (d) the name and address of the Paying Agent;
- (e) that Notes called for redemption must be surrendered to the Paying Agent to collect the redemption price;
- (f) that, unless the Issuers default in making such redemption payment, interest on Notes called for redemption and redeemed ceases to accrue on and after the redemption date;
- (g) the paragraph of the Notes and/or Section of this Supplemental Indenture pursuant to which the Notes called for redemption are being redeemed;
- (h) that no representation is made as to the correctness or accuracy of the CUSIP number, if any, listed in such notice or printed on the Notes;
- (i) any conditions to the Issuers' obligations to redeem the Notes as contemplated by Section 3.04; and
- (j) the CUSIP number, if any.

At the Issuers' request, the Trustee shall give the notice of redemption in the Issuers' name and at its expense; *provided, however*, that the Issuers shall have delivered to the Trustee, at least 30 days prior to the redemption date (or such shorter period as to which the Trustee may agree in its sole discretion), an Officers' Certificate requesting that the Trustee give such notice and setting forth the information to be stated in such notice as provided in the preceding paragraph.

Section 3.04 Effect of Notice of Redemption.

Once notice of redemption is transmitted in accordance with Section 3.03, Notes called for redemption become irrevocably due and payable on the redemption date at the redemption price; *provided* that any redemption or notice of any redemption may, at the Issuers' discretion, be given prior to the completion of a transaction or event (including an equity offering, other offering, issuance of indebtedness, a Change of Control or other transaction or event) and any redemption notice (including the amount of Notes redeemed and conditions precedent applicable to different amounts of Notes redeemed) may, in the Issuers' discretion, be subject to one or more conditions precedent, including, but not limited to, completion of the related transaction or event. Any such redemption may be partial as a result of only some of the conditions being satisfied.

If such redemption or notice is subject to satisfaction of one or more conditions precedent, such notice shall state that, in the Issuers' discretion, the redemption date may be delayed until such time (including more than 30 days after the date the notice of redemption was mailed or delivered, including by electronic transmission) as any or all such conditions shall be satisfied (or waived by the Issuers in their sole discretion), or such redemption may not occur and such notice may be rescinded in the event that any or all such conditions shall not have been satisfied (or waived by the Issuers in their sole discretion) by the redemption date, or by the redemption date so delayed. In addition, the Issuers may provide in such notice that payment of the redemption price and performance of the Issuers' obligations with respect to such redemption may be performed by another Person.

Section 3.05 Deposit of Redemption Price.

At or prior to 10:00 a.m., New York City time, on the redemption date, the Issuers shall deposit with the Trustee or with the Paying Agent money sufficient to pay the redemption price of and accrued interest on all Notes to be redeemed on such date. The Trustee or the Paying Agent shall promptly return to the Issuers any money deposited with the Trustee or the Paying Agent by the Issuers in excess of the amounts necessary to pay the redemption price of, and accrued interest on, all Notes to be redeemed.

If the Issuers comply with the provisions of the preceding paragraph, on and after the redemption date, interest shall cease to accrue on the Notes of a series or the portions thereof called for redemption. If a Note is redeemed on or after an interest record date but on or prior to the related interest payment date, then any accrued and unpaid interest shall be paid to the Person in whose name such Note was registered at the close of business on such record date. If any Note called for redemption shall not be so paid upon surrender for redemption because of the failure of the Issuers to comply with the preceding paragraph, interest shall be paid on the unpaid principal, from the redemption date until such principal is paid, and to the extent lawful on any interest not paid on such unpaid principal, in each case at the rate provided in the Notes and in Section 4.01 of the Base Indenture.

Section 3.06 Notes Redeemed in Part.

No Notes of \$2,000 principal amount or less shall be redeemed in part. Upon surrender of a Note that is redeemed in part, the Issuers shall issue and, upon the Issuers' written request, the Trustee shall authenticate for the Holder at the expense of the Issuers a new Note equal in principal amount to the unredeemed portion of the Note surrendered.

Section 3.07 Optional Redemption.

(a) Except as set forth in Section 3.07(c), the Issuers shall not have the option to redeem Notes pursuant to this Section 3.07(a) prior to the Par Call Date of the Notes. On or after the Par Call Date for the Notes of a series, the Issuers may redeem the Notes of such series, in whole or in part, at the Issuers' option, on at least 10 days' but not more than 30 days' prior notice to the Holders thereof, at a redemption price equal to 100% of the principal amount of the Notes of such series to be redeemed plus accrued and unpaid interest on the principal amount being redeemed to, but not including, the redemption date (subject to the rights of Holders of Notes of such series on a record date to receive the related interest payment on the related interest payment date).

(b) [Reserved.]

(c) Prior to the Par Call Date with respect to each series of the Notes, the Issuers may redeem outstanding Notes, in whole or in part, at the Issuers' option, at any time or from time to time, on at least 10 days' but not more than 30 days' prior notice to each Holder of the Notes of such series to be redeemed, at a redemption price equal to 100% of the principal amount thereof plus the Applicable Premium plus accrued but unpaid interest to, but excluding, the redemption date (subject to the rights of Holders of Notes of such series on a record date to receive the related interest payment on the related interest payment date).

(d) [Reserved.]

Any redemption pursuant to this Section 3.07 shall be made pursuant to the provisions of Section 3.01 through 3.06.

Section 3.08 Mandatory Redemption.

The Issuers shall not be required to make mandatory redemption payments with respect to the Notes.

ARTICLE 4

COVENANTS

With respect to the Notes only, the Issuers hereby agree to expressly subject themselves to the provisions of Article 4 of the Base Indenture.

With respect to the Notes only, Section 4.03 of the Base Indenture is hereby replaced with the following:

Section 4.03 Reports.

CCO shall file with the Trustee, and transmit to Holders, such information, documents and other reports, and such summaries thereof, as may be required pursuant to the Trust Indenture Act at the times and in the manner provided pursuant to such Act; *provided* that any such information, documents or reports required to be filed with the Commission pursuant to Section 13 or 15(d) of the Exchange Act shall be filed with the Trustee within 15 days after the same is so required to be filed with the Commission. CCO shall also comply with the other provisions of Trust Indenture Act Section 314(a). Delivery of such reports, information and documents to the Trustee is for informational purposes only and the Trustee's receipt of such shall not constitute constructive notice of any information contained therein or determinable from information contained therein, including the Company's compliance with any of its covenants hereunder (as to which the Trustee is entitled to rely exclusively on Officers' Certificates).

Notwithstanding anything to the contrary set forth above, for so long as the Issuers are direct or indirect majority-owned subsidiaries of any Parent (or other Person which, directly or indirectly, owns a majority of the outstanding common equity interests of CCO), if such Parent (or other Person which, directly or indirectly, owns a majority of the outstanding common equity interests of CCO) has furnished the Holders of the Notes or filed electronically with the Commission the reports described in the preceding paragraphs with respect to such Parent (or other Person which, directly or indirectly, owns a majority of the outstanding common equity interests of CCO) and such reports include a brief explanation (or such explanation is otherwise made available to the Holders) of the material differences between the financial statements of such Parent and that of CCO, then the Issuers shall be deemed to be in compliance with this covenant.

Any information filed with the Commission and available at www.SEC.gov or made available on any Parent's website shall be deemed transmitted, filed and delivered as required under this Section 4.03.

ARTICLE 5

SUCCESSORS

With respect to the Notes only, the Issuers hereby agree to expressly subject themselves to the provisions of Article 5 of the Base Indenture.

ARTICLE 6

DEFAULTS AND REMEDIES

With respect to the Notes only, the Issuers hereby agree to expressly subject themselves to the provisions of Article 6 of the Base Indenture.

With respect to the Notes only, Section 6.01 of the Base Indenture is hereby replaced with the following:

Section 6.01 Events of Default.

Except where otherwise indicated by the context or where the term is otherwise defined for a specific purpose, the term “*Event of Default*” as used in this Indenture with respect to each series of Notes shall mean one of the following described events:

- (1) default in the payment of interest on such series of Notes, as applicable, when due, continued for 30 consecutive days;
- (2) default in payment of principal of any Note of such series of Notes when due at maturity, upon optional redemption, upon required purchase, upon declaration of acceleration or otherwise;
- (3) the failure by the Issuers or any Note Guarantor to comply for 90 days after notice with its covenants or other agreements (other than those described in the immediately preceding clauses (1) and (2) above), *provided* that a default under this clause (3) will not constitute an Event of Default with respect to the each series of Notes until the Trustee or the Holders of 30% in principal amount of the outstanding Notes of such series notify the Issuers of the default and the Issuers do not cure such default within the time specified after receipt of such notice; *provided, further*, that a notice of default may not be given with respect to any action taken, and reported publicly or to Holders, more than two years prior to such notice of default;

- (4) (I) any Issuer or any Subsidiary Guarantor that is a Significant Subsidiary pursuant to or within the meaning of Bankruptcy Code:
- (a) commences a voluntary case,
 - (b) consents to the entry of an order for relief against it in an involuntary case,
 - (c) consents to the appointment of a custodian of it or for all or substantially all of its property, or
 - (d) makes a general assignment for the benefit of its creditors; or

(II) a court of competent jurisdiction enters an order or decree under any Bankruptcy Code that:

- (a) is for relief against an Issuer or a Subsidiary Guarantor that is a Significant Subsidiary in an involuntary case;
- (b) appoints a custodian of an Issuer or a Subsidiary Guarantor that is a Significant Subsidiary or for all or substantially all of the property of an Issuer or a Subsidiary Guarantor that is a Significant Subsidiary; or
- (c) orders the liquidation of an Issuer or a Subsidiary Guarantor that is a Significant Subsidiary, and the order or decree remains unstayed and in effect for 60 consecutive days.

(5) any Note Guarantee of any Subsidiary Guarantor that is a Significant Subsidiary (or Note Guarantees of any group of Subsidiary Guarantors that, taken together, would constitute a Significant Subsidiary) ceases to be in full force and effect (other than in accordance with the terms of such Note Guarantee and/or this Indenture) or any Note Guarantor denies or disaffirms its obligations under its Note Guarantee; and

(6) a material portion of the Collateral ceases to be subject to the Liens of the Security Documents (other than in accordance with the terms of this Indenture and the Security Documents) or any Issuer or Subsidiary Guarantor denies or disaffirms its obligations under the Security Documents to which it is party.

With respect to the Notes only, Section 6.02 of the Base Indenture is hereby replaced with the following:

Section 6.02 Acceleration.

If an Event of Default arising from Section 6.01(4) with respect to CCO occurs and is continuing, the principal of and accrued but unpaid interest on all outstanding Notes of the applicable series shall *ipso facto* become immediately due and payable without any declaration or other act on the part of the Trustee or any Holders of such series of Notes.

If any other Event of Default with respect to each series of the Notes occurs and is continuing, the Trustee by notice to the Issuers or the Holders of at least 30% in principal amount of the then outstanding Notes of such series by notice to the Issuers and the Trustee may declare such series of the Notes to be due and payable. Upon such a declaration, such principal and interest shall be due and payable immediately. The Holders of a majority in aggregate principal amount of such series of the Notes then outstanding by written notice to the Trustee may on behalf of all of the Holders rescind an acceleration and its consequences with respect to such series of the Notes if the rescission would not conflict with any judgment or decree and if all existing Events of Default (except non-payment of principal, interest or premium that has become due solely because of the acceleration) have been cured or waived. Any time period in this Indenture to cure any actual or alleged Default or Event of Default with respect to each series of the Notes may be extended or stayed by a court of competent jurisdiction to the extent such actual or alleged Default or Event of Default is the subject of litigation.

Any notice of Default, notice of acceleration or instruction to the Trustee to provide a notice of Default, notice of acceleration or take any other action (a "Noteholder Direction") provided by any one or more Holders (each, a "Directing Holder") must be accompanied by a written representation from each such Holder to the Issuers and the Trustee that such Holder is not (or, in the case such Holder is DTC or its nominee, that such Holder is being instructed solely by beneficial owners that are not) Net Short (a "Position Representation"), which representation, in the case of a Noteholder Direction relating to a notice of Default (a "Default Direction"), shall be deemed repeated at all times until the resulting Event of Default is cured or otherwise ceases to exist or the applicable series of Notes are accelerated. In addition, each Directing Holder must, at the time of providing a Noteholder Direction, covenant to provide the Issuers with such other information as the Issuers may reasonably request from time to time in order to verify the accuracy of such Directing Holder's Position Representation within five Business Days of request therefor (a "Verification Covenant"). In any case in which the Holder is DTC or its nominee, any Position Representation or Verification Covenant required hereunder shall be provided by the beneficial owner of the Notes in lieu of DTC or its nominee, and DTC shall be entitled to rely on such Position Representation and Verification Covenant in delivering its direction to the Trustee.

If, following the delivery of a Noteholder Direction, but prior to acceleration of the Notes of the applicable series, the Issuers determine in good faith that there is a reasonable basis to believe a Directing Holder was, at any relevant time, in breach of its Position Representation and provide to the Trustee evidence that the Issuers have initiated litigation in a court of competent jurisdiction seeking a determination that such Directing Holder was, at such time, in breach of its Position Representation, and seeking to invalidate any Event of Default that resulted from the applicable Noteholder Direction, the cure period with respect to such Default shall be automatically stayed and the cure period with respect to such Event of Default shall be automatically reinstated and any remedy stayed pending a final and non-appealable determination of a court of competent jurisdiction on such matter. If, following the delivery of a Noteholder Direction, but prior to acceleration of the Notes of the applicable series, the Issuers provide to the Trustee an Officers' Certificate stating that a Directing Holder failed to satisfy its Verification Covenant, the cure period with respect to such Default shall be automatically stayed and the cure period with respect to any Event of Default that resulted from the applicable Noteholder Direction shall be automatically reinstated and any remedy stayed until such time as the Issuers provide the Trustee with an Officers' Certificate that the Verification Covenant has been satisfied; *provided* that the Issuers shall promptly deliver such Officers' Certificate to the Trustee upon becoming aware that the Verification Covenant has been satisfied. Any breach of the Position Representation (as evidenced by the delivery to the Trustee of the Officers' Certificate stating that a Directing Holder failed to satisfy its Verification Covenant) shall result in such Holder's participation in such Noteholder Direction being disregarded; and if, without the participation of such Holder, the percentage of Notes of the applicable series held by the remaining Holders that provided such Noteholder Direction would have been insufficient to validly provide such Noteholder Direction, such Noteholder Direction shall be void ab initio, with the effect that such Event of Default shall be deemed never to have occurred, acceleration voided and the Trustee shall be deemed not to have received such Noteholder Direction or any notice of such Default or Event of Default.

Notwithstanding anything in the preceding two paragraphs to the contrary, any Noteholder Direction delivered to the Trustee during the pendency of an Event of Default as the result of a bankruptcy or similar direction shall not require compliance with the foregoing paragraphs.

The Trustee shall have no obligation to monitor or determine whether a Holder is Net Short and can rely conclusively on the Officers' Certificates delivered by the Issuers and determinations made by a court of competent jurisdiction.

ARTICLE 7

TRUSTEE

With respect to the Notes only, the Issuers hereby agree to expressly subject themselves to the provisions of Article 7 of the Base Indenture.

ARTICLE 8

LEGAL DEFEASANCE AND COVENANT DEFEASANCE

With respect to the Notes only, the Issuers hereby agree to expressly subject themselves to the provisions of Article 8 of the Base Indenture.

ARTICLE 9

AMENDMENT, SUPPLEMENT AND WAIVER

With respect to the Notes only, the Issuers hereby agree to expressly subject themselves to the provisions of Article 9 of the Base Indenture.

With respect to the Notes only, Section 9.01 of the Base Indenture is hereby replaced with the following:

Section 9.01 Without Consent of Holders of Notes.

Notwithstanding Section 9.02 of this Indenture, the Issuers, the Trustee and the Collateral Agent may amend or supplement this Indenture, the Intercreditor Agreement, any Note Guarantee, any Security Document or the Notes without the consent of any Holder of a Note:

- (1) to cure any ambiguity, omission, mistake, defect or inconsistency;
- (2) to provide for the assumption by a successor Person of the obligations of the Issuers or any Note Guarantor under the Indenture or the Security Documents;
- (3) to provide for uncertificated Notes in addition to or in place of certificated Notes (*provided* that the uncertificated Notes are issued in registered form for purposes of Section 163(f) of the Code, or in a manner such that the uncertificated Notes are described in Section 163(f)(2)(B) of the Code);
- (4) to add Guarantees with respect to the Notes or to add additional Collateral to secure the Notes and the Note Guarantees;
- (5) to add to the covenants of the Issuers or any Note Guarantor for the benefit of the Holders of the Notes or to surrender any right or power conferred upon the Issuers or any Note Guarantor;

(6) to make any change that would provide any additional rights or benefits to Holders of any series or that does not adversely affect the legal rights under this Indenture of any such Holder;

(7) to conform the text of the Indenture, the Notes, any Note Guarantee, the Intercreditor Agreement or any Security Document to the description and terms of such Notes in the offering circular, offering memorandum, prospectus supplement or other offering document applicable to such Notes as the time of the initial sale thereof;

(8) to make any amendment to the provisions of the Indenture relating to the transfer and legending of Notes; *provided, however*, that (a) compliance with the Indenture as so amended would not result in Notes being transferred in violation of the Securities Act or any other applicable securities law and (b) such amendment does not materially and adversely affect the rights of Holders to transfer Notes;

(9) to release Collateral from the Lien under the Security Document when permitted or required by the Security Documents, the Indenture or the Intercreditor Agreement;

(10) to evidence and provide for the acceptance and appointment under the Indenture of a successor Trustee or Collateral Agent thereunder pursuant to the requirements thereof;

(11) to release a Note Guarantor pursuant to the terms of Article 10;

(12) to change or eliminate any of the provisions of this Indenture; *provided* that any such change or elimination shall not be effective with respect to any outstanding Notes of any series created prior to the execution of such supplemental indenture that is entitled to the benefit of such provision; or

(13) to change or eliminate any provisions of this Indenture or the Notes to eliminate the effect of any Accounting Change or in the application thereof as described in the last paragraph of the definition of “GAAP.”

The consent of the Holders of the Notes is not necessary to approve the particular form of any proposed amendment. It is sufficient if such consent approves the substance of the proposed amendment.

Upon the request of the Issuers accompanied by a resolution of their respective boards of directors authorizing the execution of any such amended or supplemental indenture, and upon receipt by the Trustee and the Collateral Agent an Officers’ Certificate and an Opinion of Counsel pursuant to Section 9.06, the Trustee and the Collateral Agent shall join with the Issuers and any Note Guarantors in the execution of any amended or supplemental indenture authorized or permitted by the terms of this Indenture and to make any further appropriate agreements and stipulations that may be therein contained, but the Trustee and the Collateral Agent shall not be obligated to enter into such amended or supplemental indenture that affects its own rights, duties or immunities under this Indenture or otherwise.

ARTICLE 10

GUARANTEE

With respect to the Notes only, the Issuers and the Note Guarantors hereby agree to expressly subject themselves to the provisions of Article 10 of the Base Indenture.

ARTICLE 11

[Reserved.]

ARTICLE 12

MISCELLANEOUS

With respect to the Notes only, Section 12.13 of the Base Indenture is hereby replaced with the following:

Section 12.13 Table of Contents, Headings, etc.

The Table of Contents, Cross-Reference Table and headings of the Articles and Sections of this Supplemental Indenture and the Base Indenture have been inserted for convenience of reference only, are not to be considered a part of this Supplemental Indenture or the Base Indenture and shall in no way modify or restrict any of the terms or provisions. Unless otherwise expressly specified, references in this Supplemental Indenture to specific Articles, Sections or clauses refer to Articles, Sections and clauses contained in this Supplemental Indenture, unless such Article, Section or clause is incorporated herein by reference to the Base Indenture or no such Article, Section or clause appears in this Supplemental Indenture, in which case such references refer to the applicable section of the Base Indenture.

With respect to the Notes only, the following Sections 12.16 and 12.17 are hereby added to Article 12 of the Base Indenture:

Section 12.16 Supplemental Indenture Controls.

In case any provision of this Supplemental Indenture conflicts with any provision of the Base Indenture, the provisions of this Supplemental Indenture shall govern and be controlling, solely with respect to the Notes.

Section 12.17 Submission to Jurisdiction.

The parties irrevocably submit to the non-exclusive jurisdiction of any New York State or federal court sitting in the Borough of Manhattan, City of New York, over any suit, action or proceeding arising out of or relating to this Supplemental Indenture. To the fullest extent permitted by applicable law, the parties irrevocably waive and agree not to assert, by way of motion, as a defense or otherwise, any claim that it is not subject to the jurisdiction of any such court, any objection that it may now or hereafter have to the laying of the venue of any such suit, action or proceeding brought in any such court and any claim that any such suit, action or proceeding brought in any such court has been brought in an inconvenient forum.

ARTICLE 13

SATISFACTION AND DISCHARGE

With respect to the Notes only, the following are hereby added as Sections 13.03 and 13.04 to Article 13 of the Base Indenture:

Section 13.03 Satisfaction and Discharge of Supplemental Indenture

This Supplemental Indenture shall cease to be of further effect with respect to a series of Notes (except as to any surviving rights of registration of transfer or exchange of Notes herein expressly provided for), and the Trustee, on demand of and at the expense of the Issuers, shall execute proper instruments acknowledging satisfaction and discharge of this Supplemental Indenture, when

(1) either:

(a) all Notes of such series theretofore authenticated and delivered (other than (i) Notes which have been destroyed, lost or stolen and which have been replaced or paid as provided in Section 2.07 and (ii) Notes for whose payment money has theretofore been deposited in trust or segregated and held in trust by the Issuers and thereafter repaid to the Issuers or discharged from such trust) have been delivered to the Trustee for cancellation; or

- (b) all such Notes of such series not theretofore delivered to the Trustee for cancellation
 - (i) have become due and payable, or
 - (ii) will become due and payable at their Stated Maturity within one year, or
 - (iii) are to be called for redemption within one year under arrangements satisfactory to the Trustee for the giving of notice of redemption by the Trustee in the name, and at the expense, of the Issuers,

and the Issuers, in the case of (i), (ii) or (iii) above, has deposited or caused to be deposited with the Trustee as trust funds in trust for the purpose an amount sufficient to pay and discharge the entire indebtedness on such Notes not theretofore delivered to the Trustee for cancellation, for principal (and premium, if any) and interest to the date of such deposit (in the case of Notes which have become due and payable) or to the maturity or redemption thereof, as the case may be;

- (2) the Issuers have paid or caused to be paid all other sums payable hereunder by the Issuers with respect to such series of Notes; and
- (3) the Issuers have delivered to the Trustee an Officers' Certificate and an Opinion of Counsel, each stating that all conditions precedent herein provided for relating to the satisfaction and discharge of this Supplemental Indenture have been complied with.

Notwithstanding the satisfaction and discharge of this Supplemental Indenture pursuant to this Article 13, the obligations of the Issuers to the Trustee under Section 7.07 of the Base Indenture, and, if money shall have been deposited with the Trustee pursuant to subclause (b) of clause (1) of this Section 13.03, the obligations of the Trustee under Section 13.04 shall survive such satisfaction and discharge.

Section 13.04 Application of Trust Money.

All money deposited with the Trustee pursuant to Section 13.03 shall be held in trust and applied by it, in accordance with the provisions of the Notes and this Supplemental Indenture, to the payment, either directly or through any Paying Agent as the Trustee may determine, to the Persons entitled thereto, of the principal (and premium, if any) and interest for whose payment such money has been deposited with the Trustee.

ARTICLE 14

COLLATERAL

With respect to the Notes only, Section 14.03(4) of the Base Indenture is replaced with the following:

- (4) as to any property or asset constituting Collateral that is sold or otherwise disposed of by the Issuers or any Note Guarantor, directly or indirectly, in a transaction not prohibited by this Indenture at the time of such sale or disposition;

[Signatures on following page]

Dated as of April 17, 2020

CHARTER COMMUNICATIONS OPERATING,
LLC, as an Issuer

By: /s/ Jessica M. Fischer
Name: Jessica M. Fischer
Title: Senior Vice President - Finance and Corporate Treasurer

CHARTER COMMUNICATIONS OPERATING
CAPITAL CORP., as an Issuer

By: /s/ Jessica M. Fischer
Name: Jessica M. Fischer
Title: Senior Vice President - Finance and Corporate Treasurer

EACH OF THE NOTE GUARANTORS LISTED
ON SCHEDULE I HERETO, as a Note Guarantor

By: /s/ Jessica M. Fischer
Name: Jessica M. Fischer
Title: Senior Vice President - Finance and Corporate Treasurer

[Signature Page to the Supplemental Indenture]

THE BANK OF NEW YORK MELLON
TRUST COMPANY, N.A., as Trustee

By: /s/ Julie Hoffman-Ramos

Name: Julie Hoffman-Ramos

Title: Vice President

THE BANK OF NEW YORK MELLON
TRUST COMPANY, N.A., as Collateral Agent

By: /s/ Julie Hoffman-Ramos

Name: Julie Hoffman-Ramos

Title: Vice President

[Signature Page to the Supplemental Indenture]

Note Guarantors

CCO Holdings, LLC
Bresnan Broadband Holdings, LLC
Bresnan Broadband of Colorado, LLC
Bresnan Broadband of Montana, LLC
Bresnan Broadband of Utah, LLC
Bresnan Broadband of Wyoming, LLC
Bresnan Digital Services, LLC
Bright House Networks Information Services (Alabama), LLC
Bright House Networks Information Services (California), LLC
Bright House Networks Information Services (Florida), LLC
Bright House Networks Information Services (Indiana), LLC
Bright House Networks Information Services (Michigan), LLC
CC Fiberlink, LLC
CC VI Fiberlink, LLC
CC VII Fiberlink, LLC
CCO Fiberlink, LLC
CCO NR Holdings, LLC
Charter Advanced Services (MO), LLC
Charter Communications VI, L.L.C.
Charter Communications, LLC
Charter Distribution, LLC
Charter Fiberlink – Alabama, LLC
Charter Fiberlink – Georgia, LLC
Charter Fiberlink – Illinois, LLC
Charter Fiberlink – Maryland II, LLC
Charter Fiberlink – Michigan, LLC
Charter Fiberlink – Missouri, LLC
Charter Fiberlink – Nebraska, LLC
Charter Fiberlink – Tennessee, LLC
Charter Fiberlink CA-CCO, LLC
Charter Fiberlink CC VIII, LLC
Charter Fiberlink CCO, LLC
Charter Fiberlink CT-CCO, LLC
Charter Fiberlink LA-CCO, LLC
Charter Fiberlink MA-CCO, LLC
Charter Fiberlink MS-CCVI, LLC
Charter Fiberlink NC-CCO, LLC
Charter Fiberlink NH-CCO, LLC
Charter Fiberlink NV-CCVII, LLC
Charter Fiberlink NY-CCO, LLC
Charter Fiberlink OR-CCVII, LLC

Charter Fiberlink SC-CCO, LLC
Charter Fiberlink TX-CCO, LLC
Charter Fiberlink VA-CCO, LLC
Charter Fiberlink VT-CCO, LLC
Charter Fiberlink WA-CCVII, LLC
Charter Leasing Holding Company, LLC
Charter Procurement Leasing, LLC
DukeNet Communications, LLC
Marcus Cable Associates, L.L.C.
Spectrum Advanced Services, LLC
Spectrum Gulf Coast, LLC
Spectrum Mid-America, LLC
Spectrum Mobile, LLC
Spectrum Mobile Equipment, LLC
Spectrum New York Metro, LLC
Spectrum NLP, LLC
Spectrum Northeast, LLC
Spectrum Oceanic, LLC
Spectrum Originals, LLC
Spectrum Originals Development, LLC
Spectrum Pacific West, LLC
Spectrum Reach, LLC
Spectrum RSN, LLC
Spectrum Security, LLC
Spectrum Southeast, LLC
Spectrum Sunshine State, LLC
Spectrum TV Essentials, LLC
Spectrum Wireless Holdings, LLC
TC Technology LLC
Time Warner Cable Business LLC
Time Warner Cable Enterprises LLC
Time Warner Cable Information Services (Alabama), LLC
Time Warner Cable Information Services (Arizona), LLC
Time Warner Cable Information Services (California), LLC
Time Warner Cable Information Services (Colorado), LLC
Time Warner Cable Information Services (Hawaii), LLC
Time Warner Cable Information Services (Idaho), LLC
Time Warner Cable Information Services (Illinois), LLC
Time Warner Cable Information Services (Indiana), LLC
Time Warner Cable Information Services (Kansas), LLC
Time Warner Cable Information Services (Kentucky), LLC
Time Warner Cable Information Services (Maine), LLC
Time Warner Cable Information Services (Massachusetts), LLC
Time Warner Cable Information Services (Michigan), LLC
Time Warner Cable Information Services (Missouri), LLC
Time Warner Cable Information Services (Nebraska), LLC
Time Warner Cable Information Services (New Hampshire), LLC
Time Warner Cable Information Services (New Jersey), LLC

Time Warner Cable Information Services (New Mexico), LLC
Time Warner Cable Information Services (New York), LLC
Time Warner Cable Information Services (North Carolina), LLC
Time Warner Cable Information Services (Ohio), LLC
Time Warner Cable Information Services (Pennsylvania), LLC
Time Warner Cable Information Services (South Carolina), LLC
Time Warner Cable Information Services (Tennessee), LLC
Time Warner Cable Information Services (Texas), LLC
Time Warner Cable Information Services (Virginia), LLC
Time Warner Cable Information Services (Washington), LLC
Time Warner Cable Information Services (West Virginia), LLC
Time Warner Cable Information Services (Wisconsin), LLC
Time Warner Cable, LLC
TWC Administration LLC
TWC Communications, LLC
TWC SEE Holdco LLC
TWCIS Holdco LLC

[THIS GLOBAL NOTE IS HELD BY THE DEPOSITARY (AS DEFINED IN THE INDENTURE GOVERNING THIS NOTE) OR ITS NOMINEE IN CUSTODY FOR THE BENEFIT OF THE BENEFICIAL OWNERS HEREOF, AND IS NOT TRANSFERABLE TO ANY PERSON UNDER ANY CIRCUMSTANCES EXCEPT THAT (1) THE TRUSTEE MAY MAKE SUCH NOTATIONS HEREON AS MAY BE REQUIRED PURSUANT TO SECTION 2.06 OF THE INDENTURE, (2) THIS GLOBAL NOTE MAY BE EXCHANGED IN WHOLE BUT NOT IN PART PURSUANT TO SECTION 2.06(a) OF THE INDENTURE, (3) THIS GLOBAL NOTE MAY BE DELIVERED TO THE TRUSTEE FOR CANCELLATION PURSUANT TO SECTION 2.11 OF THE INDENTURE AND (4) THIS GLOBAL NOTE MAY BE TRANSFERRED TO A SUCCESSOR DEPOSITARY WITH THE PRIOR WRITTEN CONSENT OF THE ISSUERS. UNLESS AND UNTIL IT IS EXCHANGED IN WHOLE OR IN PART FOR NOTES IN DEFINITIVE FORM, THIS NOTE MAY NOT BE TRANSFERRED EXCEPT AS A WHOLE BY THE DEPOSITARY TO A NOMINEE OF THE DEPOSITARY OR BY A NOMINEE OF THE DEPOSITARY TO THE DEPOSITARY OR ANOTHER NOMINEE OF THE DEPOSITARY OR BY THE DEPOSITARY OR ANY SUCH NOMINEE TO A SUCCESSOR DEPOSITARY OR A NOMINEE OF SUCH SUCCESSOR DEPOSITARY. UNLESS THIS CERTIFICATE IS PRESENTED BY AN AUTHORIZED REPRESENTATIVE OF THE DEPOSITARY TRUST COMPANY (55 WATER STREET, NEW YORK, NEW YORK) (“DTC”), TO THE ISSUERS OR THEIR AGENT FOR REGISTRATION OF TRANSFER, EXCHANGE OR PAYMENT, AND ANY CERTIFICATE ISSUED IS REGISTERED IN THE NAME OF CEDE & CO. OR SUCH OTHER NAME AS MAY BE REQUESTED BY AN AUTHORIZED REPRESENTATIVE OF DTC (AND ANY PAYMENT IS MADE TO CEDE & CO. OR SUCH OTHER ENTITY AS MAY BE REQUESTED BY AN AUTHORIZED REPRESENTATIVE OF DTC), ANY TRANSFER, PLEDGE OR OTHER USE HEREOF FOR VALUE OR OTHERWISE BY OR TO ANY PERSON IS WRONGFUL INASMUCH AS THE REGISTERED OWNER HEREOF, CEDE & CO., HAS AN INTEREST HEREIN.]¹

¹ Include Global Note Legend, if applicable.

[Face of Note]
CUSIP NO. []

2.800% Senior Secured Notes due 2031

No. []

[\$ []

**Charter Communications Operating, LLC
and
Charter Communications Operating Capital Corp.**

promise to pay to [] or to registered assigns the principal amount of [] DOLLARS on April 1, 2031

Interest Payment Dates: April 1 and October 1

Record Dates: March 15 and September 15

Subject to Restrictions set forth in this Note.

IN WITNESS WHEREOF, the Issuers have caused this instrument to be duly executed.

Dated: []

CHARTER COMMUNICATIONS OPERATING, LLC

By: _____
Name:
Title:

By: _____
Name:
Title:

CHARTER COMMUNICATIONS OPERATING CAPITAL CORP.

By: _____
Name:
Title:

By: _____
Name:
Title:

This is one of the Notes referred to
in the within-mentioned Supplemental Indenture:

THE BANK OF NEW YORK MELLON TRUST COMPANY, N.A.,
as Trustee

By: _____
Authorized Signatory

Dated: []

2.800% Senior Secured Notes due 2031

Capitalized terms used herein shall have the meanings assigned to them in the Supplemental Indenture referred to below unless otherwise indicated. For the purposes of this Note, "Notes" shall refer to the 2.800% Senior Secured Notes due 2031 of the Issuers.

1. INTEREST. The Issuers promise to pay interest on the principal amount of this Note at the rate of 2.800% per annum from the Issue Date until maturity. The Issuers will pay interest semi-annually in arrears on April 1 and October 1 of each year (each, an "Interest Payment Date"), or if any such day is not a Business Day, on the next succeeding Business Day. Interest on the Notes will accrue from the most recent date to which interest has been paid or, if no interest has been paid, from the date of issuance; *provided* that if there is no existing Default in the payment of interest, and if this Note is authenticated between a record date referred to on the face and the next succeeding Interest Payment Date, interest shall accrue from such next succeeding Interest Payment Date; *provided, further*, that the first Interest Payment Date shall be October 1, 2020. The Issuers shall pay interest (including post-petition interest in any proceeding under the Bankruptcy Code) on overdue principal and premium, if any, from time to time on demand at a rate that is 1.00% per annum in excess of the rate then in effect; they shall pay interest (including post-petition interest in any proceeding under the Bankruptcy Code) on overdue installments of interest (without regard to any applicable grace periods) from time to time on demand at the same rate to the extent lawful. Interest will be computed on the basis of a 360-day year comprised of twelve 30-day months.

2. METHOD OF PAYMENT. The Issuers shall pay interest on the Notes (except defaulted interest) to the Persons who are registered Holders at the close of business on March 15 and September 15 next preceding the Interest Payment Date, even if such Notes are canceled after such record date and on or before such Interest Payment Date, except as provided in Section 2.12 of the Supplemental Indenture with respect to defaulted interest. The Notes will be payable as to principal, premium, if any, and interest at the office or agency of the Issuers maintained for such purpose within or without the City and State of New York, or, at the option of the Issuers, payment of interest may be made by check mailed to the Holders at their addresses set forth in the register of Holders, and *provided* that payment by wire transfer of immediately available funds will be required with respect to principal of and interest and premium on all Global Notes and all other Notes the Holders of which shall have provided wire transfer instructions to the Issuers or the Paying Agent. Such payment shall be in such coin or currency of the United States of America as at the time of payment is legal tender for payment of public and private debts.

3. PAYING AGENT AND REGISTRAR. Initially, The Bank of New York Mellon Trust Company, N.A., the Trustee under the Supplemental Indenture, will act as Paying Agent and Registrar. The Issuers may change any Paying Agent or Registrar without notice to any Holder. The Company or any of its Subsidiaries may act in any such capacity.

4. INDENTURE. The Issuers issued the Notes under an Indenture dated as of July 23, 2015 (the “*Base Indenture*”), among CCO Safari II, LLC, Charter Communications Operating, LLC, Charter Communications Operating Capital Corp. and The Bank of New York Mellon Trust Company, N.A., as Trustee and Collateral Agent, as supplemented by the Sixteenth Supplemental Indenture dated as of April 17, 2020 (the “*Supplemental Indenture*”), among Charter Communications Operating, LLC, Charter Communications Operating Capital Corp., the guarantors party thereto and The Bank of New York Mellon Trust Company, N.A., as Trustee and Collateral Agent. The terms of the Notes include those stated in the Supplemental Indenture and those made part of the Supplemental Indenture by reference to the Trust Indenture Act of 1939, as amended (15 U.S. Code §§ 77aaa-77bbb). The Notes are subject to all such terms, and Holders are referred to the Supplemental Indenture and such Act for a statement of such terms. To the extent any provision of this Note conflicts with the express provisions of the Supplemental Indenture, the provisions of the Supplemental Indenture shall govern and be controlling.

5. OPTIONAL REDEMPTION.

(a) Except as set forth in paragraph 5(b) below, the Issuers shall not have the option to redeem the Notes pursuant to this paragraph 5 prior to January 1, 2031 (the “*Par Call Date*”). On or after the Par Call Date, the Issuers may redeem the Notes, in whole or in part, at the Issuers’ option, on at least 10 days’ but not more than 30 days’ prior notice to the Holders thereof, at a redemption price equal to 100% of the principal amount of the Notes to be redeemed plus accrued and unpaid interest on the principal amount being redeemed to, but not including, the redemption date (subject to the rights of Holders of Notes on a record date to receive the related interest payment on the related interest payment date).

(b) At any time and from time to time prior to the Par Call Date, the Issuers may redeem outstanding Notes, in whole or in part, at the Issuers’ option, at any time or from time to time, on at least 10 days’ but not more than 30 days’ prior notice to the Holders thereof, at a redemption price equal to 100% of the principal amount thereof plus the Applicable Premium plus accrued but unpaid interest up to, but excluding, the redemption date (subject to the rights of Holders of Notes on a record date to receive the related interest payment on the relate interest payment date).

6. MANDATORY REDEMPTION. The Issuers shall not be required to make mandatory redemption payments with respect to the Notes.

7. [Reserved].

8. [Reserved].

9. DENOMINATIONS, TRANSFER, EXCHANGE. The Notes are in registered form without coupons in denominations of \$2,000 and integral multiples of \$1,000 in excess thereof. The transfer of Notes may be registered and Notes may be exchanged as provided in the Supplemental Indenture. The Registrar and the Trustee may require a Holder, among other things, to furnish appropriate endorsements and transfer documents, and the Issuers may require a Holder to pay any taxes and fees required by law or permitted by the Supplemental Indenture. The Issuers need not exchange or register the transfer of any Note or portion of a Note selected for redemption, except for the unredeemed portion of any Note being redeemed in part. Also, the Issuers need not exchange or register the transfer of any Notes for a period of 15 days before a selection of Notes to be redeemed or during the period between a record date and the corresponding Interest Payment Date.

10. PERSONS DEEMED OWNERS. The registered Holder of a Note may be treated as its owner for all purposes.

11. AMENDMENT, SUPPLEMENT AND WAIVER. Subject to certain exceptions, the Supplemental Indenture, the Intercreditor Agreement, any Note Guarantee, the Security Documents or the Notes may be amended or supplemented with the consent of the Holders of at least a majority in aggregate principal amount of the then outstanding Notes (including, without limitation, consents obtained in connection with a purchase of, or tender offer or exchange offer for, Notes). Subject to certain exceptions, any existing Default or compliance with any provision of the Supplemental Indenture or the Notes may be waived, including by way of amendment, with the consent of the Holders of a majority in aggregate principal amount of the then outstanding Notes (including, without limitation, consents obtained in connection with a purchase of, or tender offer or exchange offer for, Notes). Without the consent of any Holder of a Note, the Issuers, the Trustee and the Collateral Agent may amend or supplement the Supplemental Indenture, the Intercreditor Agreement, any Note Guarantee, any Security Document, or the Notes (i) to cure any ambiguity, omission, mistake, defect or inconsistency, (ii) to provide for the assumption by a successor Person of the obligations of the Issuers or any Note Guarantor under the Supplemental Indenture or the Security Documents, (iii) to provide for uncertificated Notes in addition to or in place of certificated Notes (*provided* that the uncertificated Notes are issued in registered form for purposes of Section 163(f) of the Code, or in a manner such that the uncertificated Notes are described in Section 163(f)(2)(B) of the Code), (iv) to add Guarantees with respect to the Notes or to add additional Collateral to secure the Notes and the Note Guarantees, (v) to add to the covenants of the Issuers or any Note Guarantor for the benefit of the Holders of the Notes or to surrender any right or power conferred upon the Issuers or any Note Guarantor, (vi) to make any change that would provide any additional rights or benefits to Holders or that does not adversely affect the legal rights under this Supplemental Indenture of any such Holder, (vii) to conform the text of the Supplemental Indenture, the Notes, any Note Guarantee, the Intercreditor Agreement or any Security Document to any provision under the heading "Description of Notes" in the Prospectus, (viii) to make any amendment to the provisions of the Supplemental Indenture relating to the transfer and legending of Notes; *provided, however*, that (a) compliance with the Indenture as so amended would not result in notes being transferred in violation of the Securities Act or any other applicable securities law and (b) such amendment does not materially and adversely affect the rights of Holders to transfer Notes; (ix) to release Collateral from the Lien under the Security Document when permitted or required by the Security Documents, the Supplemental Indenture or the Intercreditor Agreement, (x) to evidence and provide for the acceptance and appointment under the Supplemental Indenture of a successor Trustee or Collateral Agent thereunder pursuant to the requirements thereof, (xi) to release a Note Guarantor pursuant to the terms of Article 10 of the Indenture, or (xii) to make any amendment to the provisions of the Indenture or the Notes to eliminate the effect of any Accounting Change or in the application thereof as described in the last paragraph of the definition of "GAAP."

12. DEFAULTS AND REMEDIES. Each of the following is an Event of Default: (i) default in the payment of interest on the Notes when due, continued for 30 consecutive days on the Notes, (ii) default in payment of principal of any Note when due at maturity, upon optional redemption, upon required purchase, upon declaration of acceleration or otherwise, (iii) the failure by the Issuers or any Note Guarantor to comply for 90 days after notice with its covenants or other agreements (other than those described in the immediately preceding clauses (i) and (ii) above), *provided* that a default under this clause (iii) will not constitute an Event of Default with respect to the Notes until the Trustee or the Holders of 30% in principal amount of the outstanding Notes notify the Issuers of the default and the Issuers do not cure such default within the time specified after receipt of such notice, *provided, further*, that a notice of default may not be given with respect to any action taken, and reported publicly or to Holders, more than two years prior to such notice of default, (iv) (I) the Issuers or any Subsidiary Guarantor that is a Significant Subsidiary pursuant to or within the meaning of the Bankruptcy Code: (a) commences a voluntary case, (b) consents to the entry of an order for relief against it in an involuntary case, (c) consents to the appointment of a custodian of it or for all or substantially all of its property, or (d) makes a general assignment for the benefit of its creditors; or (II) a court of competent jurisdiction enters an order or decree under the Bankruptcy Code that (a) is for relief against the Issuers or a Subsidiary Guarantor that is a Significant Subsidiary in an involuntary case; (b) appoints a custodian of the Issuers or a Subsidiary Guarantor that is a Significant Subsidiary or for all or substantially all of the property of the Issuers or a Subsidiary Guarantor that is a Significant Subsidiary; or (c) orders the liquidation of the Issuers or a Subsidiary Guarantor that is a Significant Subsidiary, and the order or decree remains unstayed and in effect for 60 consecutive days; (v) any Note Guarantee of any Subsidiary Guarantor that is a Significant Subsidiary (or Note Guarantees of any group of Subsidiary Guarantors that, taken together, would constitute a Significant Subsidiary) ceases to be in full force and effect (other than in accordance with the terms of such Note Guarantee and/or this Indenture) or any Note Guarantor denies or disaffirms its obligations under its Note Guarantee; and (vi) a material portion of the Collateral ceases to be subject to the Liens of the Security Documents (other than in accordance with the terms of this Indenture and the Security Documents) or any Issuer or Subsidiary Guarantor denies or disaffirms its obligations under the Security Documents to which it is party.

If an Event of Default arising from (vi) above with respect to CCO occurs and is continuing the principal of and accrued but unpaid interest on all outstanding Notes shall ipso facto become due and payable without any declaration or other act on the part of the Trustee or any Holders of the Notes.

If any other Event of Default with respect to the Notes occurs and is continuing, the Trustee by notice to the Issuers or the Holders of at least 30% in principal amount of the then outstanding Notes by notice to the Issuers and the Trustee may declare the Notes to be due and payable immediately. The Holders of a majority in aggregate principal amount of the Notes then outstanding by written notice to the Trustee may on behalf of all of the Holders rescind an acceleration and its consequences with respect to such Notes if the rescission would not conflict with any judgment or decree and if all existing Events of Default (except non-payment of principal, interest or premium that has become due solely because of the acceleration) have been cured or waived. Any time period in the Indenture to cure any actual or alleged default or Event of Default with respect to the Notes may be extended or stayed by a court of competent jurisdiction to the extent such actual or alleged default or Event of Default is the subject of litigation.

Any Noteholder Direction provided by any one or more Directing Holders must be accompanied by a Position Representation, which representation, in the case of a Default Direction shall be deemed repeated at all times until the resulting Event of Default is cured or otherwise ceases to exist or the Notes are accelerated. In addition, each Directing Holder must, at the time of providing a Noteholder Direction, make a Verification Covenant. In any case in which the Holder is DTC or its nominee, any Position Representation or Verification Covenant required hereunder shall be provided by the beneficial owner of the Notes in lieu of DTC or its nominee, and DTC shall be entitled to rely on such Position Representation and Verification Covenant in delivering its direction to the Trustee.

If, following the delivery of a Noteholder Direction, but prior to acceleration of the Notes, the Issuers determine in good faith that there is a reasonable basis to believe a Directing Holder was, at any relevant time, in breach of its Position Representation and provide to the Trustee evidence that the Issuers have initiated litigation in a court of competent jurisdiction seeking a determination that such Directing Holder was, at such time, in breach of its Position Representation, and seeking to invalidate any Event of Default that resulted from the applicable Noteholder Direction, the cure period with respect to such Default shall be automatically stayed and the cure period with respect to such Event of Default shall be automatically reinstated and any remedy stayed pending a final and non-appealable determination of a court of competent jurisdiction on such matter.

If, following the delivery of a Noteholder Direction, but prior to acceleration of the Notes, the Issuers provide to the Trustee an Officers' Certificate stating that a Directing Holder failed to satisfy its Verification Covenant, the cure period with respect to such Default shall be automatically stayed and the cure period with respect to any Event of Default that resulted from the applicable Noteholder Direction shall be automatically reinstated and any remedy stayed until such time as the Issuers provide the Trustee with an Officers' Certificate that the Verification Covenant has been satisfied; *provided* that the Issuers shall promptly deliver such Officers' Certificate to the Trustee upon becoming aware that the Verification Covenant has been satisfied. Any breach of the Position Representation (as evidenced by the delivery to the Trustee of the Officers' Certificate stating that a Directing Holder failed to satisfy its Verification Covenant) shall result in such Holder's participation in such Noteholder Direction being disregarded; and if, without the participation of such Holder, the percentage of Notes held by the remaining Holders that provided such Noteholder Direction would have been insufficient to validly provide such Noteholder Direction, such Noteholder Direction shall be void ab initio, with the effect that such Event of Default shall be deemed never to have occurred, acceleration voided and the Trustee shall be deemed not to have received such Noteholder Direction or any notice of such Default or Event of Default.

Notwithstanding anything in the preceding two paragraphs to the contrary, any Noteholder Direction delivered to the Trustee during the pendency of an Event of Default as the result of a bankruptcy or similar direction shall not require compliance with the foregoing paragraphs.

13. TRUSTEE DEALINGS WITH ISSUERS. The Trustee, in its individual or any other capacity, may make loans to, accept deposits from, and perform services for any Issuer or its Affiliates, and may otherwise deal with any Issuer or its Affiliates, as if it were not the Trustee.

14. NO RECOURSE AGAINST OTHERS. A director, officer, employee, incorporator, member or stockholder of the Issuers, as such, shall not have any liability for any obligations of the Issuers under the Notes or the Supplemental Indenture or for any claim based on, in respect of, or by reason of, such obligations or their creation. Each Holder by accepting a Note waives and releases all such liability. The waiver and release are part of the consideration for the issuance of the Notes.

15. GOVERNING LAW. THE INTERNAL LAWS OF THE STATE OF NEW YORK SHALL GOVERN AND BE USED TO CONSTRUE THIS NOTE AND THE SUPPLEMENTAL INDENTURE WITHOUT GIVING EFFECT TO THE APPLICABLE PRINCIPLES OF CONFLICTS OF LAWS TO THE EXTENT THAT THE APPLICATION OF THE LAWS OF ANOTHER JURISDICTION WOULD BE REQUIRED THEREBY. EACH OF THE PARTIES HERETO AND THE HOLDERS AGREE TO SUBMIT TO THE JURISDICTION OF THE COURTS OF THE STATE OF NEW YORK IN ANY ACTION OR PROCEEDING ARISING OUT OF OR RELATING TO THIS NOTE.

16. AUTHENTICATION. This Note shall not be valid until authenticated by the manual or electronic signature of the Trustee or an authenticating agent.

17. ABBREVIATIONS. Customary abbreviations may be used in the name of a Holder or an assignee, such as: TEN COM (= tenants in common), TEN ENT (= tenants by the entireties), JT TEN (= joint tenants with right of survivorship and not as tenants in common), CUST (= Custodian), and U/G/M/A (= Uniform Gifts to Minors Act).

18. CUSIP NUMBERS. Pursuant to a recommendation promulgated by the Committee on Uniform Security Identification Procedures, the Issuers have caused CUSIP numbers to be printed on the Notes and the Trustee may use CUSIP numbers in notices of redemption as a convenience to Holders. No representation is made as to the accuracy of such numbers either as printed on the Notes or as contained in any notice of redemption and reliance may be placed only on the other identification numbers placed thereon.

The Issuers will furnish to any Holder upon written request and without charge a copy of the Supplemental Indenture and/or the Base Indenture, as applicable. Requests may be made to the Issuers:

c/o Charter Communications, Inc.
400 Atlantic Street, 10th Floor
Stamford, Connecticut 06901
Attention: Corporate Secretary
Telecopier No.: (314) 965-6440

ASSIGNMENT FORM

To assign this Note, fill in the form below:

(i) or (we) assign and transfer this Note to: _____

(Insert assignee's legal name)

(Insert assignee's soc. sec. or tax I.D. no.)

(Print or type assignee's name, address and zip code)

and irrevocably appoint _____ to transfer this Note on the books of the Issuers. The agent may substitute another to act for him.

Date: _____

Your Signature: _____
(Sign exactly as your name appears on the face of this Note)

Signature Guarantee*: _____

* Participant in a recognized Signature Guarantee Medallion Program (or other signature guarantor acceptable to the Trustee).

SCHEDULE OF EXCHANGES OF INTERESTS IN THE GLOBAL NOTE*

The following exchanges of a part of this Global Note for an interest in another Global Note or for a Definitive Note, or exchanges of a part of another Global Note or Definitive Note for an interest in this Global Note, have been made:

<u>Date of Exchange</u>	<u>Amount of decrease in Principal Amount of this Global Note</u>	<u>Amount of increase in Principal Amount of this Global Note</u>	<u>Principal Amount of this Global Note following such decrease (or increase)</u>	<u>Signature of authorized officer of Trustee or Note Custodian</u>
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[THIS GLOBAL NOTE IS HELD BY THE DEPOSITARY (AS DEFINED IN THE INDENTURE GOVERNING THIS NOTE) OR ITS NOMINEE IN CUSTODY FOR THE BENEFIT OF THE BENEFICIAL OWNERS HEREOF, AND IS NOT TRANSFERABLE TO ANY PERSON UNDER ANY CIRCUMSTANCES EXCEPT THAT (1) THE TRUSTEE MAY MAKE SUCH NOTATIONS HEREON AS MAY BE REQUIRED PURSUANT TO SECTION 2.06 OF THE INDENTURE, (2) THIS GLOBAL NOTE MAY BE EXCHANGED IN WHOLE BUT NOT IN PART PURSUANT TO SECTION 2.06(a) OF THE INDENTURE, (3) THIS GLOBAL NOTE MAY BE DELIVERED TO THE TRUSTEE FOR CANCELLATION PURSUANT TO SECTION 2.11 OF THE INDENTURE AND (4) THIS GLOBAL NOTE MAY BE TRANSFERRED TO A SUCCESSOR DEPOSITARY WITH THE PRIOR WRITTEN CONSENT OF THE ISSUERS. UNLESS AND UNTIL IT IS EXCHANGED IN WHOLE OR IN PART FOR NOTES IN DEFINITIVE FORM, THIS NOTE MAY NOT BE TRANSFERRED EXCEPT AS A WHOLE BY THE DEPOSITARY TO A NOMINEE OF THE DEPOSITARY OR BY A NOMINEE OF THE DEPOSITARY TO THE DEPOSITARY OR ANOTHER NOMINEE OF THE DEPOSITARY OR BY THE DEPOSITARY OR ANY SUCH NOMINEE TO A SUCCESSOR DEPOSITARY OR A NOMINEE OF SUCH SUCCESSOR DEPOSITARY. UNLESS THIS CERTIFICATE IS PRESENTED BY AN AUTHORIZED REPRESENTATIVE OF THE DEPOSITARY TRUST COMPANY (55 WATER STREET, NEW YORK, NEW YORK) (“DTC”), TO THE ISSUERS OR THEIR AGENT FOR REGISTRATION OF TRANSFER, EXCHANGE OR PAYMENT, AND ANY CERTIFICATE ISSUED IS REGISTERED IN THE NAME OF CEDE & CO. OR SUCH OTHER NAME AS MAY BE REQUESTED BY AN AUTHORIZED REPRESENTATIVE OF DTC (AND ANY PAYMENT IS MADE TO CEDE & CO. OR SUCH OTHER ENTITY AS MAY BE REQUESTED BY AN AUTHORIZED REPRESENTATIVE OF DTC), ANY TRANSFER, PLEDGE OR OTHER USE HEREOF FOR VALUE OR OTHERWISE BY OR TO ANY PERSON IS WRONGFUL INASMUCH AS THE REGISTERED OWNER HEREOF, CEDE & CO., HAS AN INTEREST HEREIN.]²

² Include Global Note Legend, if applicable.

[Face of Note]
CUSIP NO. []

3.700% Senior Secured Notes due 2051

No. []

[\$]

**Charter Communications Operating, LLC
and
Charter Communications Operating Capital Corp.**

promise to pay to [] or to registered assigns the principal amount of [] DOLLARS on April 1, 2051

Interest Payment Dates: April 1 and October 1

Record Dates: March 15 and September 15

Subject to Restrictions set forth in this Note.

IN WITNESS WHEREOF, the Issuers have caused this instrument to be duly executed.

Dated: []

CHARTER COMMUNICATIONS OPERATING, LLC

By: _____
Name:
Title:

By: _____
Name:
Title:

CHARTER COMMUNICATIONS OPERATING CAPITAL CORP.

By: _____
Name:
Title:

By: _____
Name:
Title:

This is one of the Notes referred to
in the within-mentioned Supplemental Indenture:

THE BANK OF NEW YORK MELLON TRUST COMPANY, N.A., as
Trustee

By: _____
Authorized Signatory

Dated: []

3.700% Senior Secured Notes due 2051

Capitalized terms used herein shall have the meanings assigned to them in the Supplemental Indenture referred to below unless otherwise indicated. For the purposes of this Note, "Notes" shall refer to the 3.700% Senior Secured Notes due 2051 of the Issuers.

1. INTEREST. The Issuers promise to pay interest on the principal amount of this Note at the rate of 3.700% per annum from the Issue Date until maturity. The Issuers will pay interest semi-annually in arrears on April 1 and October 1 of each year (each, an "Interest Payment Date"), or if any such day is not a Business Day, on the next succeeding Business Day. Interest on the Notes will accrue from the most recent date to which interest has been paid or, if no interest has been paid, from the date of issuance; *provided* that if there is no existing Default in the payment of interest, and if this Note is authenticated between a record date referred to on the face and the next succeeding Interest Payment Date, interest shall accrue from such next succeeding Interest Payment Date; *provided, further*, that the first Interest Payment Date shall be October 1, 2020. The Issuers shall pay interest (including post-petition interest in any proceeding under the Bankruptcy Code) on overdue principal and premium, if any, from time to time on demand at a rate that is 1.00% per annum in excess of the rate then in effect; they shall pay interest (including post-petition interest in any proceeding under the Bankruptcy Code) on overdue installments of interest (without regard to any applicable grace periods) from time to time on demand at the same rate to the extent lawful. Interest will be computed on the basis of a 360-day year comprised of twelve 30-day months.

2. METHOD OF PAYMENT. The Issuers shall pay interest on the Notes (except defaulted interest) to the Persons who are registered Holders at the close of business on March 15 and September 15 next preceding the Interest Payment Date, even if such Notes are canceled after such record date and on or before such Interest Payment Date, except as provided in Section 2.12 of the Supplemental Indenture with respect to defaulted interest. The Notes will be payable as to principal, premium, if any, and interest at the office or agency of the Issuers maintained for such purpose within or without the City and State of New York, or, at the option of the Issuers, payment of interest may be made by check mailed to the Holders at their addresses set forth in the register of Holders, and *provided* that payment by wire transfer of immediately available funds will be required with respect to principal of and interest and premium on all Global Notes and all other Notes the Holders of which shall have provided wire transfer instructions to the Issuers or the Paying Agent. Such payment shall be in such coin or currency of the United States of America as at the time of payment is legal tender for payment of public and private debts.

3. PAYING AGENT AND REGISTRAR. Initially, The Bank of New York Mellon Trust Company, N.A., the Trustee under the Supplemental Indenture, will act as Paying Agent and Registrar. The Issuers may change any Paying Agent or Registrar without notice to any Holder. The Company or any of its Subsidiaries may act in any such capacity.

4. INDENTURE. The Issuers issued the Notes under an Indenture dated as of July 23, 2015 (the “*Base Indenture*”), among CCO Safari II, LLC, Charter Communications Operating, LLC, Charter Communications Operating Capital Corp. and The Bank of New York Mellon Trust Company, N.A., as Trustee and Collateral Agent, as supplemented by the Sixteenth Supplemental Indenture dated as of April 17, 2020 (the “*Supplemental Indenture*”), among Charter Communications Operating, LLC, Charter Communications Operating Capital Corp., the guarantors party thereto and The Bank of New York Mellon Trust Company, N.A., as Trustee and Collateral Agent. The terms of the Notes include those stated in the Supplemental Indenture and those made part of the Supplemental Indenture by reference to the Trust Indenture Act of 1939, as amended (15 U.S. Code §§ 77aaa-77bbb). The Notes are subject to all such terms, and Holders are referred to the Supplemental Indenture and such Act for a statement of such terms. To the extent any provision of this Note conflicts with the express provisions of the Supplemental Indenture, the provisions of the Supplemental Indenture shall govern and be controlling.

5. OPTIONAL REDEMPTION.

(a) Except as set forth in paragraph 5(b) below, the Issuers shall not have the option to redeem the Notes pursuant to this paragraph 5 prior to October 1, 2050 (the “*Par Call Date*”). On or after the Par Call Date, the Issuers may redeem the Notes, in whole or in part, at the Issuers’ option, on at least 10 days’ but not more than 30 days’ prior notice to the Holders thereof, at a redemption price equal to 100% of the principal amount of the Notes to be redeemed plus accrued and unpaid interest on the principal amount being redeemed to, but not including, the redemption date (subject to the rights of Holders of Notes on a record date to receive the related interest payment on the related interest payment date).

(b) At any time and from time to time prior to the Par Call Date, the Issuers may redeem outstanding Notes, in whole or in part, at the Issuers’ option, at any time or from time to time, on at least 10 days’ but not more than 30 days’ prior notice to the Holders thereof, at a redemption price equal to 100% of the principal amount thereof plus the Applicable Premium plus accrued but unpaid interest up to, but excluding, the redemption date (subject to the rights of Holders of Notes on a record date to receive the related interest payment on the relate interest payment date).

6. MANDATORY REDEMPTION. The Issuers shall not be required to make mandatory redemption payments with respect to the Notes.

7. [Reserved].

8. [Reserved].

9. DENOMINATIONS, TRANSFER, EXCHANGE. The Notes are in registered form without coupons in denominations of \$2,000 and integral multiples of \$1,000 in excess thereof. The transfer of Notes may be registered and Notes may be exchanged as provided in the Supplemental Indenture. The Registrar and the Trustee may require a Holder, among other things, to furnish appropriate endorsements and transfer documents, and the Issuers may require a Holder to pay any taxes and fees required by law or permitted by the Supplemental Indenture. The Issuers need not exchange or register the transfer of any Note or portion of a Note selected for redemption, except for the unredeemed portion of any Note being redeemed in part. Also, the Issuers need not exchange or register the transfer of any Notes for a period of 15 days before a selection of Notes to be redeemed or during the period between a record date and the corresponding Interest Payment Date.

10. PERSONS DEEMED OWNERS. The registered Holder of a Note may be treated as its owner for all purposes.

11. AMENDMENT, SUPPLEMENT AND WAIVER. Subject to certain exceptions, the Supplemental Indenture, the Intercreditor Agreement, any Note Guarantee, the Security Documents or the Notes may be amended or supplemented with the consent of the Holders of at least a majority in aggregate principal amount of the then outstanding Notes (including, without limitation, consents obtained in connection with a purchase of, or tender offer or exchange offer for, Notes). Subject to certain exceptions, any existing Default or compliance with any provision of the Supplemental Indenture or the Notes may be waived, including by way of amendment, with the consent of the Holders of a majority in aggregate principal amount of the then outstanding Notes (including, without limitation, consents obtained in connection with a purchase of, or tender offer or exchange offer for, Notes). Without the consent of any Holder of a Note, the Issuers, the Trustee and the Collateral Agent may amend or supplement the Supplemental Indenture, the Intercreditor Agreement, any Note Guarantee, any Security Document, or the Notes (i) to cure any ambiguity, omission, mistake, defect or inconsistency, (ii) to provide for the assumption by a successor Person of the obligations of the Issuers or any Note Guarantor under the Supplemental Indenture or the Security Documents, (iii) to provide for uncertificated Notes in addition to or in place of certificated Notes (*provided* that the uncertificated Notes are issued in registered form for purposes of Section 163(f) of the Code, or in a manner such that the uncertificated Notes are described in Section 163(f)(2)(B) of the Code), (iv) to add Guarantees with respect to the Notes or to add additional Collateral to secure the Notes and the Note Guarantees, (v) to add to the covenants of the Issuers or any Note Guarantor for the benefit of the Holders of the Notes or to surrender any right or power conferred upon the Issuers or any Note Guarantor, (vi) to make any change that would provide any additional rights or benefits to Holders or that does not adversely affect the legal rights under this Supplemental Indenture of any such Holder, (vii) to conform the text of the Supplemental Indenture, the Notes, any Note Guarantee, the Intercreditor Agreement or any Security Document to any provision under the heading "Description of Notes" in the Prospectus, (viii) to make any amendment to the provisions of the Supplemental Indenture relating to the transfer and legending of Notes; *provided, however*, that (a) compliance with the Indenture as so amended would not result in notes being transferred in violation of the Securities Act or any other applicable securities law and (b) such amendment does not materially and adversely affect the rights of Holders to transfer Notes; (ix) to release Collateral from the Lien under the Security Document when permitted or required by the Security Documents, the Supplemental Indenture or the Intercreditor Agreement, (x) to evidence and provide for the acceptance and appointment under the Supplemental Indenture of a successor Trustee or Collateral Agent thereunder pursuant to the requirements thereof, (xi) to release a Note Guarantor pursuant to the terms of Article 10 of the Indenture, or (xii) to make any amendment to the provisions of the Indenture or the Notes to eliminate the effect of any Accounting Change or in the application thereof as described in the last paragraph of the definition of "GAAP."

12. DEFAULTS AND REMEDIES. Each of the following is an Event of Default: (i) default in the payment of interest on the Notes when due, continued for 30 consecutive days on the Notes, (ii) default in payment of principal of any Note when due at maturity, upon optional redemption, upon required purchase, upon declaration of acceleration or otherwise, (iii) the failure by the Issuers or any Note Guarantor to comply for 90 days after notice with its covenants or other agreements (other than those described in the immediately preceding clauses (i) and (ii) above), *provided* that a default under this clause (iii) will not constitute an Event of Default with respect to the Notes until the Trustee or the Holders of 30% in principal amount of the outstanding Notes notify the Issuers of the default and the Issuers do not cure such default within the time specified after receipt of such notice, *provided, further*, that a notice of default may not be given with respect to any action taken, and reported publicly or to Holders, more than two years prior to such notice of default, (iv) (I) the Issuers or any Subsidiary Guarantor that is a Significant Subsidiary pursuant to or within the meaning of the Bankruptcy Code: (a) commences a voluntary case, (b) consents to the entry of an order for relief against it in an involuntary case, (c) consents to the appointment of a custodian of it or for all or substantially all of its property, or (d) makes a general assignment for the benefit of its creditors; or (II) a court of competent jurisdiction enters an order or decree under the Bankruptcy Code that (a) is for relief against the Issuers or a Subsidiary Guarantor that is a Significant Subsidiary in an involuntary case; (b) appoints a custodian of the Issuers or a Subsidiary Guarantor that is a Significant Subsidiary or for all or substantially all of the property of the Issuers or a Subsidiary Guarantor that is a Significant Subsidiary; or (c) orders the liquidation of the Issuers or a Subsidiary Guarantor that is a Significant Subsidiary, and the order or decree remains unstayed and in effect for 60 consecutive days; (v) any Note Guarantee of any Subsidiary Guarantor that is a Significant Subsidiary (or Note Guarantees of any group of Subsidiary Guarantors that, taken together, would constitute a Significant Subsidiary) ceases to be in full force and effect (other than in accordance with the terms of such Note Guarantee and/or this Indenture) or any Note Guarantor denies or disaffirms its obligations under its Note Guarantee; and (vi) a material portion of the Collateral ceases to be subject to the Liens of the Security Documents (other than in accordance with the terms of this Indenture and the Security Documents) or any Issuer or Subsidiary Guarantor denies or disaffirms its obligations under the Security Documents to which it is party.

If an Event of Default arising from (vi) above with respect to CCO occurs and is continuing the principal of and accrued but unpaid interest on all outstanding Notes shall ipso facto become due and payable without any declaration or other act on the part of the Trustee or any Holders of the Notes.

If any other Event of Default with respect to the Notes occurs and is continuing, the Trustee by notice to the Issuers or the Holders of at least 30% in principal amount of the then outstanding Notes by notice to the Issuers and the Trustee may declare the Notes to be due and payable immediately. The Holders of a majority in aggregate principal amount of the Notes then outstanding by written notice to the Trustee may on behalf of all of the Holders rescind an acceleration and its consequences with respect to such Notes if the rescission would not conflict with any judgment or decree and if all existing Events of Default (except non-payment of principal, interest or premium that has become due solely because of the acceleration) have been cured or waived. Any time period in the Indenture to cure any actual or alleged default or Event of Default with respect to the Notes may be extended or stayed by a court of competent jurisdiction to the extent such actual or alleged default or Event of Default is the subject of litigation.

Any Noteholder Direction provided by any one or more Directing Holders must be accompanied by a Position Representation, which representation, in the case of a Default Direction shall be deemed repeated at all times until the resulting Event of Default is cured or otherwise ceases to exist or the Notes are accelerated. In addition, each Directing Holder must, at the time of providing a Noteholder Direction, make a Verification Covenant. In any case in which the Holder is DTC or its nominee, any Position Representation or Verification Covenant required hereunder shall be provided by the beneficial owner of the Notes in lieu of DTC or its nominee, and DTC shall be entitled to rely on such Position Representation and Verification Covenant in delivering its direction to the Trustee.

If, following the delivery of a Noteholder Direction, but prior to acceleration of the Notes, the Issuers determine in good faith that there is a reasonable basis to believe a Directing Holder was, at any relevant time, in breach of its Position Representation and provide to the Trustee evidence that the Issuers have initiated litigation in a court of competent jurisdiction seeking a determination that such Directing Holder was, at such time, in breach of its Position Representation, and seeking to invalidate any Event of Default that resulted from the applicable Noteholder Direction, the cure period with respect to such Default shall be automatically stayed and the cure period with respect to such Event of Default shall be automatically reinstated and any remedy stayed pending a final and non-appealable determination of a court of competent jurisdiction on such matter.

If, following the delivery of a Noteholder Direction, but prior to acceleration of the Notes, the Issuers provide to the Trustee an Officers' Certificate stating that a Directing Holder failed to satisfy its Verification Covenant, the cure period with respect to such Default shall be automatically stayed and the cure period with respect to any Event of Default that resulted from the applicable Noteholder Direction shall be automatically reinstated and any remedy stayed until such time as the Issuers provide the Trustee with an Officers' Certificate that the Verification Covenant has been satisfied; *provided* that the Issuers shall promptly deliver such Officers' Certificate to the Trustee upon becoming aware that the Verification Covenant has been satisfied. Any breach of the Position Representation (as evidenced by the delivery to the Trustee of the Officers' Certificate stating that a Directing Holder failed to satisfy its Verification Covenant) shall result in such Holder's participation in such Noteholder Direction being disregarded; and if, without the participation of such Holder, the percentage of Notes held by the remaining Holders that provided such Noteholder Direction would have been insufficient to validly provide such Noteholder Direction, such Noteholder Direction shall be void ab initio, with the effect that such Event of Default shall be deemed never to have occurred, acceleration voided and the Trustee shall be deemed not to have received such Noteholder Direction or any notice of such Default or Event of Default.

Notwithstanding anything in the preceding two paragraphs to the contrary, any Noteholder Direction delivered to the Trustee during the pendency of an Event of Default as the result of a bankruptcy or similar direction shall not require compliance with the foregoing paragraphs.

13. TRUSTEE DEALINGS WITH ISSUERS. The Trustee, in its individual or any other capacity, may make loans to, accept deposits from, and perform services for any Issuer or its Affiliates, and may otherwise deal with any Issuer or its Affiliates, as if it were not the Trustee.

14. NO RECOURSE AGAINST OTHERS. A director, officer, employee, incorporator, member or stockholder of the Issuers, as such, shall not have any liability for any obligations of the Issuers under the Notes or the Supplemental Indenture or for any claim based on, in respect of, or by reason of, such obligations or their creation. Each Holder by accepting a Note waives and releases all such liability. The waiver and release are part of the consideration for the issuance of the Notes.

15. GOVERNING LAW. THE INTERNAL LAWS OF THE STATE OF NEW YORK SHALL GOVERN AND BE USED TO CONSTRUE THIS NOTE AND THE SUPPLEMENTAL INDENTURE WITHOUT GIVING EFFECT TO THE APPLICABLE PRINCIPLES OF CONFLICTS OF LAWS TO THE EXTENT THAT THE APPLICATION OF THE LAWS OF ANOTHER JURISDICTION WOULD BE REQUIRED THEREBY. EACH OF THE PARTIES HERETO AND THE HOLDERS AGREE TO SUBMIT TO THE JURISDICTION OF THE COURTS OF THE STATE OF NEW YORK IN ANY ACTION OR PROCEEDING ARISING OUT OF OR RELATING TO THIS NOTE.

16. AUTHENTICATION. This Note shall not be valid until authenticated by the manual or electronic signature of the Trustee or an authenticating agent.

17. ABBREVIATIONS. Customary abbreviations may be used in the name of a Holder or an assignee, such as: TEN COM (= tenants in common), TEN ENT (= tenants by the entireties), JT TEN (= joint tenants with right of survivorship and not as tenants in common), CUST (= Custodian), and U/G/M/A (= Uniform Gifts to Minors Act).

18. CUSIP NUMBERS. Pursuant to a recommendation promulgated by the Committee on Uniform Security Identification Procedures, the Issuers have caused CUSIP numbers to be printed on the Notes and the Trustee may use CUSIP numbers in notices of redemption as a convenience to Holders. No representation is made as to the accuracy of such numbers either as printed on the Notes or as contained in any notice of redemption and reliance may be placed only on the other identification numbers placed thereon.

The Issuers will furnish to any Holder upon written request and without charge a copy of the Supplemental Indenture and/or the Base Indenture, as applicable. Requests may be made to the Issuers:

c/o Charter Communications, Inc.
400 Atlantic Street, 10th Floor
Stamford, Connecticut 06901
Attention: Corporate Secretary
Telecopier No.: (314) 965-6440

ASSIGNMENT FORM

To assign this Note, fill in the form below:

(i) or (we) assign and transfer this Note to: _____

(Insert assignee's legal name)

(Insert assignee's soc. sec. or tax I.D. no.)

(Print or type assignee's name, address and zip code)

and irrevocably appoint _____ to transfer this Note on the books of the Issuers. The agent may substitute another to act for him.

Date: _____

Your Signature: _____
(Sign exactly as your name appears on the face of this Note)

Signature Guarantee*: _____

* Participant in a recognized Signature Guarantee Medallion Program (or other signature guarantor acceptable to the Trustee).

SCHEDULE OF EXCHANGES OF INTERESTS IN THE GLOBAL NOTE*

The following exchanges of a part of this Global Note for an interest in another Global Note or for a Definitive Note, or exchanges of a part of another Global Note or Definitive Note for an interest in this Global Note, have been made:

<u>Date of Exchange</u>	<u>Amount of decrease in Principal Amount of this Global Note</u>	<u>Amount of increase in Principal Amount of this Global Note</u>	<u>Principal Amount of this Global Note following such decrease (or increase)</u>	<u>Signature of authorized officer of Trustee or Note Custodian</u>
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KIRKLAND & ELLIS LLP
AND AFFILIATED PARTNERSHIPS

601 Lexington Avenue
New York, NY 10022

(212) 446-4800

www.kirkland.com

Facsimile:

(212) 446-4900

April 17, 2020

Charter Communications Operating, LLC
Charter Communications Operating Capital Corp.
400 Atlantic Street, 10th Floor
Stamford, Connecticut 06901

Re: Registration Statement on Form S-3

Ladies and Gentlemen:

We are issuing this opinion letter in our capacity as special legal counsel to Charter Communications Operating, LLC, a Delaware limited liability company ("CCO"), Charter Communications Operating Capital Corp., a Delaware corporation (together with CCO, the "Issuers"), CCO Holdings, LLC, a Delaware limited liability company (the "Company"), and each of the other entities listed on Exhibit A hereto (together with the Company, the "Guarantors") in connection with the issuance and sale by the Issuers of (i) \$1,600,000,000 aggregate principal amount of 2.800% Senior Secured Notes due 2031 (the "2031 Notes") and (ii) \$1,400,000,000 aggregate principal amount of 3.700% Senior Secured Notes due 2051 (together with the 2031 Notes, the "Notes") under the Securities Act of 1933, as amended (the "Securities Act"), which are guaranteed by the Guarantors (the "Guarantees").

The companies listed on Exhibit A hereto under the headings "Delaware Guarantors" are referred to herein as the "Delaware Guarantors."

In that connection, we have examined originals, or copies certified or otherwise identified to our satisfaction, of such documents, corporate records and other instruments as we have deemed necessary for the purposes of this opinion, including (i) the certificates of incorporation, certificates of formation, bylaws, limited liability company agreements, limited partnership agreements and other organizational documents of the Issuers and the Delaware Guarantors, as applicable, (ii) the registration statement on Form S-3 (No. 333-222241) initially filed with the Securities and Exchange Commission (the "Commission") on December 22, 2017 (as amended by Amendment No. 1 thereto, filed August 13, 2018, and Amendment No. 2 thereto, filed June 24, 2019, the "Registration Statement"), (iii) the indenture, dated as of July 23, 2015 (the "Base Indenture"), by and among the Issuers, CCO Safari II, LLC, a Delaware limited liability company, and The Bank of New York Mellon Trust Company, N.A., as trustee (in such capacity, the "Trustee") and as collateral agent (in such capacity, the "Collateral Agent"), as supplemented by the sixteenth supplemental indenture thereto, dated as of the date hereof (together with the Base Indenture, the "Indenture"), by and among the Issuers, the Guarantors, the Trustee and the Collateral Agent, and (iv) copies of the Notes.

Beijing Boston Chicago Dallas Hong Kong Houston London Los Angeles Munich Palo Alto Paris San Francisco Shanghai Washington, D.C.

KIRKLAND & ELLIS LLP

April 17, 2020

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For purposes of this opinion, we have assumed the authenticity of all documents submitted to us as originals, the conformity to the originals of all documents submitted to us as copies and the authenticity of the originals of all documents submitted to us as copies. We have also assumed the genuineness of the signatures of persons signing all documents in connection with which this opinion is rendered, the authority of such persons signing on behalf of the parties thereto other than the Issuers and the Delaware Guarantors, and the due authorization, execution and delivery of all documents by the parties thereto other than the Issuers and the Delaware Guarantors. As to any facts material to the opinions expressed herein that we have not independently established or verified, we have relied upon statements and representations of officers and other representatives of the Issuers and the Guarantors.

Our opinion expressed below is subject to the qualifications that we express no opinion as to the applicability of, compliance with, or effect of (i) any bankruptcy, insolvency, reorganization, fraudulent transfer, fraudulent conveyance, moratorium or other similar law affecting the enforcement of creditors' rights generally, (ii) general principals of equity (regardless of whether enforcement is considered in a proceeding in equity or at law) and (iii) public policy considerations that may limit the rights of parties to obtain certain remedies.

Based upon and subject to the foregoing qualifications, assumptions and limitations and the further limitations set forth below, we are of the opinion that (i) the Notes are binding obligations of the Issuers and (ii) the Guarantees are binding obligations of the Guarantors.

We hereby consent to the filing of this opinion as Exhibit 5.1 to the Company's Current Report on Form 8-K in connection with the sale of the Notes. We also consent to the reference to our firm under the heading "Legal Matters" in the Registration Statement. In giving this consent, we do not thereby admit that we are in the category of persons whose consent is required under Section 7 of the Securities Act or the rules and regulations of the Commission promulgated thereunder.

KIRKLAND & ELLIS LLP

April 17, 2020
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Our advice on every legal issue addressed in this letter is based exclusively on the internal law of the State of New York, the General Corporation Law of the State of Delaware and the Delaware Limited Liability Company Act and represents our opinion as to how that issue would be resolved were it to be considered by the highest court in the jurisdiction which enacted such law. The manner in which any particular issue relating to the opinions would be treated in any actual court case would depend in part on facts and circumstances particular to the case and would also depend on how the court involved chose to exercise the wide discretionary authority generally available to it. We are not qualified to practice law in the State of Delaware and our opinions herein regarding Delaware law are limited solely to our review of provisions of the General Corporation Law of the State of Delaware and the Delaware Limited Liability Company Act, which we consider normally applicable to transactions of this type, without our having made any special investigation as to the applicability of another statute, law, rule or regulation. None of the opinions or other advice contained in this letter considers or covers any foreign or state securities (or “blue sky”) laws or regulations.

This opinion is limited to the specific issues addressed herein, and no opinion may be inferred or implied beyond that expressly stated herein. This opinion speaks only as of the date hereof and we assume no obligation to revise or supplement this opinion.

We have also assumed that the execution and delivery of the Indenture, the Notes and the Guarantees and the performance by the Issuers and the Guarantors of their obligations thereunder do not and will not violate, conflict with or constitute a default under any agreement or instrument to which any Issuer or any of the Guarantors is bound.

This opinion is furnished to you in connection with the filing of the Registration Statement and in accordance with the requirements of Item 601(b)(5) of Regulation S-K promulgated under the Securities Act, and is not to be used, circulated, quoted or otherwise relied upon for any other purposes.

Yours very truly,

/s/ Kirkland & Ellis LLP

KIRKLAND & ELLIS LLP

EXHIBIT A

Guarantors

Delaware Guarantors

Bresnan Broadband Holdings, LLC
Bresnan Digital Services, LLC
Bright House Networks Information Services (Alabama), LLC
Bright House Networks Information Services (California), LLC
Bright House Networks Information Services (Florida), LLC
Bright House Networks Information Services (Indiana), LLC
Bright House Networks Information Services (Michigan), LLC
CC Fiberlink, LLC
CC VI Fiberlink, LLC
CC VII Fiberlink, LLC
CCO Fiberlink, LLC
CCO NR Holdings, LLC
Charter Advanced Services (MO), LLC
Charter Communications VI, L.L.C.
Charter Communications, LLC
Charter Distribution, LLC
Charter Fiberlink – Alabama, LLC
Charter Fiberlink – Georgia, LLC
Charter Fiberlink – Illinois, LLC
Charter Fiberlink – Maryland II, LLC
Charter Fiberlink – Michigan, LLC
Charter Fiberlink – Missouri, LLC
Charter Fiberlink – Nebraska, LLC
Charter Fiberlink – Tennessee, LLC
Charter Fiberlink CA-CCO, LLC
Charter Fiberlink CC VIII, LLC
Charter Fiberlink CCO, LLC
Charter Fiberlink CT-CCO, LLC
Charter Fiberlink LA-CCO, LLC
Charter Fiberlink MA-CCO, LLC
Charter Fiberlink MS-CCVI, LLC
Charter Fiberlink NC-CCO, LLC
Charter Fiberlink NH-CCO, LLC
Charter Fiberlink NV-CCVII, LLC
Charter Fiberlink NY-CCO, LLC
Charter Fiberlink OR-CCVII, LLC
Charter Fiberlink SC-CCO, LLC
Charter Fiberlink TX-CCO, LLC
Charter Fiberlink VA-CCO, LLC

Charter Fiberlink VT-CCO, LLC
Charter Fiberlink WA-CCVII, LLC
Charter Leasing Holding Company, LLC
Charter Procurement Leasing, LLC
DukeNet Communications, LLC
Marcus Cable Associates, L.L.C.
Spectrum Advanced Services, LLC
Spectrum Gulf Coast, LLC
Spectrum Mid-America, LLC
Spectrum Mobile, LLC
Spectrum Mobile Equipment, LLC
Spectrum New York Metro, LLC
Spectrum NLP, LLC
Spectrum Northeast, LLC
Spectrum Oceanic, LLC
Spectrum Originals, LLC
Spectrum Originals Development, LLC
Spectrum Pacific West, LLC
Spectrum Reach, LLC
Spectrum RSN, LLC
Spectrum Security, LLC
Spectrum Southeast, LLC
Spectrum Sunshine State, LLC
Spectrum TV Essentials, LLC
Spectrum Wireless Holdings, LLC
TC Technology LLC
Time Warner Cable Business LLC
Time Warner Cable Enterprises LLC
Time Warner Cable Information Services (Alabama), LLC
Time Warner Cable Information Services (Arizona), LLC
Time Warner Cable Information Services (California), LLC
Time Warner Cable Information Services (Colorado), LLC
Time Warner Cable Information Services (Hawaii), LLC
Time Warner Cable Information Services (Idaho), LLC
Time Warner Cable Information Services (Illinois), LLC
Time Warner Cable Information Services (Indiana), LLC
Time Warner Cable Information Services (Kansas), LLC
Time Warner Cable Information Services (Kentucky), LLC
Time Warner Cable Information Services (Maine), LLC
Time Warner Cable Information Services (Massachusetts), LLC
Time Warner Cable Information Services (Michigan), LLC
Time Warner Cable Information Services (Missouri), LLC
Time Warner Cable Information Services (Nebraska), LLC
Time Warner Cable Information Services (New Hampshire), LLC
Time Warner Cable Information Services (New Jersey), LLC
Time Warner Cable Information Services (New Mexico), LLC

Time Warner Cable Information Services (New York), LLC
Time Warner Cable Information Services (North Carolina), LLC
Time Warner Cable Information Services (Ohio), LLC
Time Warner Cable Information Services (Pennsylvania), LLC
Time Warner Cable Information Services (South Carolina), LLC
Time Warner Cable Information Services (Tennessee), LLC
Time Warner Cable Information Services (Texas), LLC
Time Warner Cable Information Services (Virginia), LLC
Time Warner Cable Information Services (Washington), LLC
Time Warner Cable Information Services (West Virginia), LLC
Time Warner Cable Information Services (Wisconsin), LLC
Time Warner Cable, LLC
TWC Administration LLC
TWC Communications, LLC
TWC SEE Holdco LLC
TWCIS Holdco LLC

Other Guarantors

Bresnan Broadband of Colorado, LLC
Bresnan Broadband of Montana, LLC
Bresnan Broadband of Utah, LLC
Bresnan Broadband of Wyoming, LLC

CHARTER COMMUNICATIONS OPERATING, LLC
CHARTER COMMUNICATIONS OPERATING CAPITAL CORP.

\$1,600,000,000 2.800% SENIOR SECURED NOTES DUE 2031
\$1,400,000,000 3.700% SENIOR SECURED NOTES DUE 2051

UNDERWRITING AGREEMENT

Dated April 14, 2020

BofA Securities, Inc.
J.P. Morgan Securities LLC
Morgan Stanley & Co. LLC
As representatives of the Underwriters named in Schedule I hereto

c/o BofA Securities, Inc.
One Bryant Park
New York, NY 10036

c/o J.P. Morgan Securities LLC
383 Madison Avenue
New York, New York 10017

c/o Morgan Stanley & Co. LLC
1585 Broadway Avenue
New York, New York 10036

Ladies and Gentlemen:

Charter Communications Operating, LLC, a Delaware limited liability company (the “Company”), and Charter Communications Operating Capital Corp., a Delaware corporation (“CCO Capital” and, together with the Company, the “Issuers”), propose, subject to the terms and conditions stated herein, to issue and sell to the underwriters named in Schedule I hereto (the “Underwriters”) (i) an aggregate of \$1,600,000,000 principal amount of 2.800% Senior Secured Notes due 2031 (the “2031 Notes”) and (ii) an aggregate of \$1,400,000,000 principal amount of 3.700% Senior Secured Notes due 2051 (the “2051 Notes” and, together with the 2031 Notes, the “Notes”). BofA Securities, Inc., J.P. Morgan Securities LLC and Morgan Stanley & Co. LLC have agreed to act as representatives (the “Representatives”) on behalf of the several Underwriters. The Notes will be issued pursuant to that certain Indenture dated as of July 23, 2015 (the “Base Indenture”) among the Issuers and The Bank of New York Mellon Trust Company, N.A., as trustee (in such capacity, the “Trustee”) and as collateral agent (in such capacity, the “Collateral Agent”), as supplemented by the sixteenth supplemental indenture to be dated as of April 17, 2020 (the “Closing Date”) (the “Sixteenth Supplemental Indenture” and, together with the Base Indenture, the “Indenture”) among the Issuers, the Guarantors (as defined below), the Trustee and the Collateral Agent. CCO Holdings, LLC, a Delaware limited liability company (the “Parent Guarantor”) and each subsidiary of the Company (other than CCO Capital) that is a guarantor under the Company’s Amended and Restated Credit Agreement, dated as of April 26, 2019, as amended as of October 24, 2019, and as further amended, restated, amended and restated, supplemented or otherwise modified (the “Credit Agreement”) (which, as of the date hereof, are the subsidiaries listed on Schedule II hereto) (together with the Parent Guarantor, the “Guarantors”) will guarantee (the “Guarantees” and, together with the Notes, the “Securities”) the obligations of the Issuers under the Indenture.

The Issuers and the Guarantors have prepared and filed with the Securities and Exchange Commission (the “Commission”) under the Securities Act of 1933, as amended (the “Securities Act”), a registration statement on Form S-3 (File No. 333-222241), as amended, including a prospectus (the “Base Prospectus”). The Issuers have also filed, or propose to file, with the Commission pursuant to Rule 424 under the Securities Act a prospectus supplement relating to the Securities (the “Prospectus Supplement”). Such registration statement, as amended at the time it became effective, including the information, if any, deemed pursuant to Rule 430A, 430B or 430C under the Securities Act to be part of the registration statement at the time of its effectiveness (“Rule 430 Information”), is referred to herein as the “Registration Statement”; and as used herein, the term “Prospectus” means the Base Prospectus as supplemented by the Prospectus Supplement in the form first used (or made available upon request of purchasers pursuant to Rule 173 under the Securities Act) in connection with the confirmation of sales of the Securities and the term “Preliminary Prospectus” means the preliminary prospectus supplement dated April 14, 2020 specifically relating to the Securities together with the Base Prospectus. Any reference in this Agreement to the Registration Statement, the Base Prospectus, the Preliminary Prospectus or the Prospectus shall be deemed to refer to and include the documents incorporated by reference therein pursuant to Item 12 of Form S-3 under the Securities Act, as of the effective date of the Registration Statement or the date of such Base Prospectus, Preliminary Prospectus or the Prospectus, as the case may be, and any reference to “amend,” “amendment” or “supplement” with respect to the Registration Statement, any Preliminary Prospectus or the Prospectus shall be deemed to refer to and include any documents filed after such date under the Securities Exchange Act of 1934, as amended, and the rules and regulations of the Commission thereunder (collectively, the “Exchange Act”) that are deemed to be incorporated by reference therein. Capitalized terms used but not defined herein shall have the meanings given to such terms in the Registration Statement and the Prospectus.

Pursuant to the Security Documents, the Securities will be secured by a first priority lien on the Collateral (as defined in the Time of Sale Information (as defined below)), subject to certain exceptions and otherwise in accordance with the terms of the Indenture and the Security Documents. The Notes will have the benefit of certain security as provided in the Security Documents. The rights of the holders of the Notes with respect to the Collateral shall be further governed by the Intercreditor Agreement dated as of May 18, 2016 among the Company, the other grantors party thereto, the Collateral Agent and the collateral agent for the lenders under the Credit Agreement (the “Intercreditor Agreement”).

At or prior to the time when sales of the Securities were first made on April 14, 2020 at 5:45 p.m. New York City time (the “Time of Sale”), the following information shall have been prepared (collectively, the “Time of Sale Information”): the Preliminary Prospectus and each “free-writing prospectus” (as defined pursuant to Rule 405 under the Securities Act) listed on Annex A hereto, if any, as constituting part of the Time of Sale Information.

This Agreement, the Securities, the Indenture (including the Guarantees), the Security Documents (as defined in the Time of Sale Information), the Intercreditor Agreement and the related agreements and instruments to which the Issuers, the Guarantors or any of their respective subsidiaries is a signatory are referred to herein as the “Transaction Documents.”

1. Representations and Warranties of the Issuers and the Guarantors. Each of the Issuers and the Guarantors, jointly and severally, represents and warrants to, and agrees with, each of the Underwriters that:

(a) No order preventing or suspending the use of the Preliminary Prospectus has been issued by the Commission, and the Preliminary Prospectus, as of its date, the Time of Sale Information, at the Time of Sale and at the Time of Delivery, and the Prospectus, as of its date and at the Time of Delivery, and any amendments or supplements thereto do not and will not contain an untrue statement of a material fact required to be stated therein or omit to state a material fact necessary in order to make the statements therein, in the light of the circumstances under which they were made, not misleading; provided, however, that this representation and warranty shall not apply to any statements or omissions made in reliance upon and in conformity with information relating to the Underwriters furnished in writing to the Issuers by or on behalf of an Underwriter through BofA Securities, Inc., J.P. Morgan Securities LLC and Morgan Stanley & Co. LLC expressly for use in the Preliminary Prospectus, the Time of Sale Information or the Prospectus. No statement of material fact included in the Prospectus has been omitted from the Time of Sale Information and no statement of material fact included in the Time of Sale Information that is required to be included in the Prospectus has been omitted therefrom;

(b) None of the Issuers or any of the Guarantors (including their respective agents and representatives, other than the Underwriters in their capacity as such) has prepared, made, used, authorized, approved or referred to and none of the Issuers or any of the Guarantors will prepare, make, use, authorize, approve or refer to any “written communication” (as defined in Rule 405 under the Securities Act) that constitutes an offer to sell or solicitation of an offer to buy the Securities (each such communication by the Issuers, the Guarantors or their agents and representatives (other than a communication referred to in clauses (i), (ii) and (iii) below) an “Issuer Free Writing Prospectus”) other than (i) any document not constituting a prospectus pursuant to Section 2(a)(10)(a) of the Securities Act or Rule 134 under the Securities Act, (ii) the Preliminary Prospectus, (iii) the Prospectus, (iv) the documents listed on Annex A hereto, which constitute part of the Time of Sale Information, and (v) any electronic road show or other written communications, in each case approved in writing in advance by the Representatives. Each such Issuer Free Writing Prospectus complied in all material respects with the Securities Act, has been or will be (within the time period specified in Rule 433) filed in accordance with the Securities Act (to the extent required thereby) and, when taken together with the Time of Sale Information, did not, and at the Time of Delivery will not, contain any untrue statement of a material fact or omit to state a material fact necessary in order to make the statements therein, in the light of the circumstances under which they were made, not misleading; provided that the Issuers and the Guarantors make no representation and warranty with respect to any statements or omissions made in each such Issuer Free Writing Prospectus in reliance upon and in conformity with information relating to any Underwriter furnished to the Issuers or the Guarantors in writing by such Underwriter through BofA Securities, Inc., J.P. Morgan Securities LLC and Morgan Stanley & Co. LLC expressly for use in any Issuer Free Writing Prospectus. The Time of Sale Information, did not, and at the Time of Delivery, will not, contain any untrue statement of a material fact or omit to state a material fact necessary in order to make the statements therein, in the light of the circumstances under which they were made, not misleading; provided that the Issuers and the Guarantors make no representation and warranty with respect to any statements or omissions made in the Time of Sale Information in reliance upon and in conformity with information relating to any Underwriter furnished to the Issuers by such Underwriter through BofA Securities, Inc., J.P. Morgan Securities LLC and Morgan Stanley & Co. LLC expressly for use in the Time of Sale Information.

(c) The Registration Statement is an “automatic shelf registration statement” as defined under Rule 405 of the Securities Act that has been filed with the Commission not earlier than three years prior to the date hereof; and no notice of objection of the Commission to the use of such registration statement or any post-effective amendment thereto pursuant to Rule 401(g)(2) under the Securities Act has been received by the Issuers or any of their affiliates. No order suspending the effectiveness of the Registration Statement has been issued by the Commission and no proceeding for that purpose or pursuant to Section 8A of the Securities Act against the Guarantors, the Issuers or related to the offering has been initiated or threatened by the Commission; as of the applicable effective date of the Registration Statement and any amendment thereto, the Registration Statement complied and will comply in all material respects with the Securities Act and the Trust Indenture Act of 1939, as amended, and the rules and regulations of the Commission thereunder (collectively, the “Trust Indenture Act”), and did not and will not contain any untrue statement of a material fact or omit to state a material fact necessary in order to make the statements therein, in the light of the circumstances under which they were made, not misleading; and as of the date of the Prospectus and any amendment or supplement thereto and as of the Time of Delivery, the Prospectus will not contain any untrue statement of a material fact or omit to state a material fact necessary in order to make the statements therein, in the light of the circumstances under which they were made, not misleading; provided that the Issuers and the Guarantors make no representation and warranty with respect to (i) that part of the Registration Statement that constitutes the Statement of Eligibility and Qualification (Form T-1) of the Trustee under the Trust Indenture Act or (ii) any statements or omissions made in reliance upon and in conformity with information relating to any Underwriter furnished to the Issuers in writing by such Underwriter through BofA Securities, Inc., J.P. Morgan Securities LLC and Morgan Stanley & Co. LLC expressly for use in the Registration Statement and the Prospectus and any amendment or supplement thereto;

(d) None of the Issuers, the Guarantors or any of their respective subsidiaries has sustained since the date of the latest respective audited financial statements included or incorporated by reference in each of the Registration Statement, the Time of Sale Information and the Prospectus any material loss or interference with its business from fire, explosion, flood or other calamity, whether or not covered by insurance, or from any court or governmental action, order or decree, otherwise than as set forth or contemplated in each of the Registration Statement, the Time of Sale Information and the Prospectus; and, since the respective dates as of which information is given in each of the Registration Statement, the Time of Sale Information and the Prospectus, there has not been any change in the capital stock, limited liability company interests or partnership interests, as the case may be, or long-term debt of the Issuers, the Guarantors or any of their respective subsidiaries or any material adverse change, or any development involving a prospective material adverse change, in or affecting the general affairs, management, financial position, members’ or stockholders’ equity or results of operations of the Issuers, the Guarantors and their respective subsidiaries, taken as a whole, otherwise than as set forth or contemplated in each of the Registration Statement, the Time of Sale Information and the Prospectus;

(e) Each of the Issuers, the Guarantors and their respective subsidiaries has good and valid title to all personal property owned by it or reflected as owned by it in the financial statements included in each of the Registration Statement, the Time of Sale Information and the Prospectus, in each case free and clear of all liens, encumbrances and defects except such as are described in each of the Registration Statement, the Time of Sale Information and the Prospectus or except such as do not materially affect the value of such property and do not interfere with the use made and proposed to be made of such property by the Issuers, the Guarantors and their respective subsidiaries; and any real property and buildings held under lease by the Issuers, the Guarantors and their respective subsidiaries are held by them under valid, subsisting and enforceable leases with such exceptions as are not material and do not interfere with the use made and proposed to be made of such property and buildings by the Issuers, the Guarantors and their respective subsidiaries;

(f) Each of the Issuers, the Guarantors and their respective subsidiaries has been duly formed or incorporated, as the case may be, and is validly existing as a limited liability company or corporation, as the case may be, under the laws of the state of its incorporation or formation, as applicable, and has been duly qualified as a foreign corporation or limited liability company, as the case may be, for the transaction of business in and is in good standing under the laws of each other jurisdiction in which it owns or leases properties or conducts any business so as to require such qualification; and is not subject to liability or disability by reason of the failure to be so qualified in any such jurisdiction, except such as would not, individually or in the aggregate, have a material adverse effect on the current or future financial position, members' or stockholders' equity or results of operations of the Issuers, the Guarantors and their respective subsidiaries, taken as a whole (a "Material Adverse Effect");

(g) All the outstanding ownership interests of the Issuers and the Guarantors have been duly and validly authorized and issued and are fully paid and non-assessable; and all the outstanding capital stock, limited liability company interests or partnership interests, as the case may be, of each "significant subsidiary" (as such term is defined in Rule 1-02 of Regulation S-X) of the Parent Guarantor (each a "Significant Subsidiary") have been duly and validly authorized and issued, are fully paid and non-assessable and (except as otherwise set forth in the Time of Sale Information and the Prospectus) are owned directly or indirectly by the Parent Guarantor, as applicable, free and clear of all liens, encumbrances, equities or claims other than the liens securing the Credit Agreement;

(h) This Agreement has been duly authorized, executed and delivered by each of the Issuers and the Guarantors;

(i) Each of the Issuers and the Guarantors has all necessary corporate, limited liability company or limited partnership power and authority, as appropriate, to execute and deliver this Agreement, and to perform all of its obligations hereunder;

(j) Each of the Issuers and the Guarantors has taken all necessary limited liability company action, limited partnership action or corporate action to authorize the issuance of the Securities and the Guarantees, as applicable, and the execution, delivery and performance of this Agreement and the Indenture;

(k) The Securities have been duly authorized and, when executed by the Issuers and authenticated by the Trustee in accordance with the provisions of the Indenture and when delivered to, and paid for, by the Underwriters in accordance with the terms of this Agreement, will have been duly executed, authenticated, issued and delivered and will constitute valid and legally binding obligations of the Issuers enforceable against them in accordance with the terms of the Indenture, and will be entitled to the benefits of the Indenture, subject, as to enforcement, to bankruptcy, insolvency, reorganization and other laws of general applicability relating to or affecting creditors' rights and to general equity principles;

(l) The Base Indenture, as supplemented by the Sixteenth Supplemental Indenture has been duly authorized by the Issuers and the Guarantors, and when the Sixteenth Supplemental Indenture is executed and delivered by the Issuers and the Guarantors (assuming the due authorization, execution and delivery thereof by the Trustee and the Collateral Agent), the Indenture will constitute a valid and legally binding instrument, enforceable against the Issuers and the Guarantors in accordance with its terms, subject, as to enforcement, to bankruptcy, insolvency, reorganization and other laws of general applicability relating to or affecting creditors' rights and to general equity principles; the Indenture meets the requirements for qualification under the Trust Indenture Act; and the Indenture conforms or will conform, as applicable, in all material respects to the descriptions thereof in the Time of Sale Information and the Prospectus;

(m) The documents or sections of documents incorporated by reference into each of the Registration Statement, the Time of Sale Information and the Prospectus complied, as of the Time of Sale, in all material respects with all applicable requirements of the Securities Act and the Exchange Act and when read together with the Time of Sale Information and the Prospectus, will not contain an untrue statement of a material fact or omit to state a material fact necessary in order to make the statements therein, in the light of the circumstances under which they were made, not misleading;

(n) The Guarantees have been duly authorized by the Guarantors and, upon execution of the Indenture by the Guarantors and when the Notes have been duly executed, authenticated and delivered as provided in the Indenture and paid for as provided herein, will constitute a valid and legally binding obligation of the Guarantors in accordance with their terms, enforceable against the Guarantors in accordance with their terms, subject, as to enforcement, to bankruptcy, insolvency, reorganization and other laws of general applicability relating to or affecting creditors' rights, and to general equity principles;

(o) None of the transactions contemplated by this Agreement (including, without limitation, the use of the proceeds from the sale of the Securities) will violate or result in a violation of Section 7 of the Exchange Act, or any regulation promulgated thereunder, including, without limitation, Regulations T, U, and X of the Board of Governors of the Federal Reserve System;

(p) Prior to the date hereof, none of the Issuers, the Guarantors or any of their respective affiliates has taken any action which is designed to or which has constituted or which would have reasonably been expected to cause or result in stabilization or manipulation of the price of any security of any such persons in connection with the offering of the Securities;

(q) The issue and sale of the Securities and, to the extent applicable, the compliance by the Issuers and the Guarantors with all provisions of each of the Transaction Documents, including those described under the caption "Description of Notes" in the Time of Sale Information and the Prospectus and the consummation of the transactions herein and therein contemplated (including the granting of the security interest pursuant to the Security Documents) will not conflict with or result in a breach or violation of any of the terms or provisions of, or constitute a default under, any indenture, mortgage, deed of trust, loan agreement, lease, license, franchise agreement, permit or other agreement or instrument to which the Issuers, the Guarantors or any of their respective subsidiaries is a party or by which the Issuers, the Guarantors or any of their respective subsidiaries is bound or to which any of the property or assets of the Issuers, the Guarantors or any of their respective subsidiaries is subject, nor will such action result in any violation of any statute or any order, rule or regulation of any court or governmental agency or body having jurisdiction over the Issuers, the Guarantors or any of their respective subsidiaries or any of their properties, including, without limitation, the Communications Act of 1934, as amended, the Cable Communications Policy Act of 1984, as amended, the Cable Television Consumer Protection and Competition Act of 1992, as amended, and the Telecommunications Act of 1996 (collectively, the "Cable Acts") or any order, rule or regulation of the Federal Communications Commission (the "FCC"), except where such conflicts, breaches, violations or defaults would not, individually or in the aggregate, have a Material Adverse Effect and would not have the effect of preventing the Issuers or the Guarantors from performing any of their respective obligations under this Agreement or any of the other Transaction Documents to which they are, or are to be, a party; nor will such action result in any violation of the certificate of formation or limited partnership, as applicable, or limited liability company agreement or limited partnership agreement, as applicable, of the Company or the Guarantors or the certificate of incorporation or bylaws of CCO Capital; and no consent, approval, authorization, order, registration or qualification of or with any such court or governmental agency or body is required, including, without limitation, under the Cable Acts or any order, rule or regulation of the FCC, for the issue and sale of the Securities or the consummation by the Issuers or the Guarantors of the transactions contemplated in this paragraph (q), except (i) such consents, approvals, authorizations, orders, registrations or qualifications as have been obtained and (ii) such as may be required under state or foreign securities laws in connection with the purchase and resale of the Securities by the Underwriters;

(r) None of the Issuers, the Guarantors or any of their respective subsidiaries is (i) in violation of its certificate of incorporation, bylaws, certificate of formation, limited liability company agreement, partnership agreement or other organizational document, as the case may be, (ii) in default in the performance or observance of any obligation, agreement, covenant or condition contained in any indenture, mortgage, deed of trust, loan agreement, lease, license, permit or other agreement or instrument to which it is a party or by which it or any of its properties may be bound or (iii) in violation of the terms of any franchise agreement, or any law, statute, rule or regulation or any judgment, decree or order, in any such case, of any court or governmental or regulatory agency or other body having jurisdiction over the Issuers, the Guarantors or any of their respective subsidiaries or any of their properties or assets, including, without limitation, the Cable Acts or any order, rule or regulation of the FCC, except, in the case of clauses (ii) and (iii), such as would not, individually or in the aggregate, have a Material Adverse Effect;

(s) The statements set forth under the caption “Description of Notes” in the Time of Sale Information and the Prospectus, insofar as they purport to constitute a summary of the terms of the Securities and the Indenture and under the captions “Risk Factors,” “Description of Certain Indebtedness” and “Certain United States Federal Income Tax Consequences” in the Time of Sale Information and the Prospectus insofar as they purport to describe the provisions of the laws, documents and arrangements referred to therein, are accurate in all material respects;

(t) Other than as set forth in each of the Registration Statement, the Time of Sale Information and the Prospectus, there are no legal or governmental proceedings pending (including, without limitation, by the FCC or any franchising authority) to which the Issuers, the Guarantors or any of their respective subsidiaries is a party or of which any property of the Issuers, the Guarantors or any of their respective subsidiaries is the subject which, if determined adversely with respect to the Issuers, the Guarantors or any of their respective subsidiaries, would, individually or in the aggregate, have a Material Adverse Effect; and, to the knowledge of the Issuers and the Guarantors, and, except as disclosed in the Time of Sale Information and the Prospectus, no such proceedings are threatened or contemplated by governmental authorities or threatened by others;

(u) Each of the Issuers, the Guarantors and their respective subsidiaries carry insurance (including, without limitation, self-insurance) in such amounts and covering such risks as in the reasonable determination of the Issuers and the Guarantors is adequate for the conduct of their business and the value of their properties;

(v) Except as set forth in each of the Registration Statement, the Time of Sale Information and the Prospectus, there is no strike, labor dispute, slowdown or work stoppage with the employees of any of the Issuers or the Guarantors or any of their respective subsidiaries which is pending or, to the knowledge of the Issuers or the Guarantors, threatened which would, individually or in the aggregate, have a Material Adverse Effect;

(w) None of the Issuers or the Guarantors are, or after giving effect to the offering and sale of the Securities will be, an “investment company” or any entity “controlled” by an “investment company” as such terms are defined in the Investment Company Act of 1940, as amended (the “Investment Company Act”);

(x) The consolidated financial statements (including the notes thereto), contained in or incorporated by reference into each of the Registration Statement, the Time of Sale Information and the Prospectus present fairly in all material respects the respective consolidated financial positions, results of operations and cash flows of the entities to which they relate at the dates and for the periods to which they relate and have been prepared in accordance with U.S. generally accepted accounting principles (“GAAP”) applied on a consistent basis (except as otherwise noted therein). The selected historical financial data contained in or incorporated by reference into each of the Registration Statement, the Time of Sale Information and the Prospectus present fairly in all material respects the information shown therein and have been prepared and compiled on a basis consistent with the audited financial statements included therein. The interactive data in eXtensible Business Reporting Language included or incorporated by reference in the Registration Statement, the Time of Sale Information and the Prospectus fairly presents the information called for in all material respects and has been prepared in accordance with the Commission’s rules and guidelines applicable thereto. The pro forma financial information contained or incorporated by reference in each of the Registration Statement, the Time of Sale Information and the Prospectus have been prepared in all material respects in accordance with the applicable requirements of the Securities Act and the Exchange Act, as applicable, and the assumptions underlying such pro forma financial information are reasonable and are set forth in the Time of Sale Information and the Prospectus.

(y) KPMG LLP, who has certified the annual financial statements of the Parent Guarantor and Charter Communications Inc. (“Charter”) included or incorporated by reference in the Time of Sale Information and the Prospectus, is an independent registered public accounting firm as required by the Securities Act and the rules and regulations of the Commission thereunder and the rules and regulations of the Public Company Accounting Oversight Board, in reliance upon their reports appearing in such financial statements;

(z) [Reserved];

(aa) The Issuers, the Guarantors and their respective subsidiaries own or possess, or can acquire on reasonable terms, adequate licenses, trademarks, service marks, trade names and copyrights (collectively, “Intellectual Property”) necessary to conduct the business now or proposed to be operated by each of them as described in each of the Registration Statement, the Time of Sale Information and the Prospectus, except where the failure to own, possess or have the ability to acquire any Intellectual Property would not, individually or in the aggregate, have a Material Adverse Effect; and none of the Issuers, the Guarantors or any of their respective subsidiaries has received any notice of infringement of or conflict with (and none actually knows of any such infringement of or conflict with) asserted rights of others with respect to any Intellectual Property which, if any such assertion of infringement or conflict were sustained would, individually or in the aggregate, have a Material Adverse Effect;

(bb) Except as described in each of the Registration Statement, the Time of Sale Information and the Prospectus, the Issuers, the Guarantors and their respective subsidiaries have obtained all consents, approvals, orders, certificates, licenses, permits, franchises and other authorizations of and from, and have made all declarations and filings with, all governmental and regulatory authorities (including, without limitation, the FCC), all requirements under the Cable Acts, and all self-regulatory organizations and all courts and other tribunals legally necessary to own, lease, license and use their respective properties and assets and to conduct their respective businesses in the manner described in the Time of Sale Information and the Prospectus, except to the extent that the failure to so obtain, declare or file would not, individually or in the aggregate, have a Material Adverse Effect;

(cc) The Issuers, the Guarantors and their respective subsidiaries have filed all necessary federal, state and foreign income and franchise tax returns required to be filed as of the date hereof and have paid all taxes required to be paid by them, except where the failure to so file such returns or so pay would not, individually or in the aggregate, have a Material Adverse Effect; and there is no tax deficiency that has been asserted against the Issuers, the Guarantors or any of their respective subsidiaries (other than those for which the amount or validity thereof are currently being challenged in good faith by appropriate proceedings and with respect to which reserves in conformity with GAAP have been provided on the books of the relevant entity) that could reasonably be expected to result, individually or in the aggregate, in a Material Adverse Effect;

(dd) Each of the Issuers, the Guarantors and their respective subsidiaries maintains a system of internal accounting controls sufficient to provide reasonable assurances that (i) transactions are executed in accordance with management's general or specific authorization; (ii) transactions are recorded as necessary to permit preparation of financial statements in conformity with GAAP and to maintain accountability for assets; (iii) access to assets is permitted only in accordance with management's general or specific authorization; (iv) the recorded accountability for assets is compared with the existing assets at reasonable intervals and appropriate action is taken with respect to any differences and (v) the interactive data in eXtensible Business Reporting Language included or incorporated by reference in the Registration Statement, the Time of Sale Information and the Prospectus fairly presents the information called for in all material respects and has been prepared in accordance with the Commission's rules and guidelines applicable thereto;

(ee) Except as described in each of the Registration Statement, the Time of Sale Information and the Prospectus: (i) each of the franchises held by, or necessary for any operations of, the Issuers, the Guarantors and their respective subsidiaries that are material to the Issuers, the Guarantors and their respective subsidiaries, taken as a whole, is in full force and effect, with no material restrictions or qualifications; (ii) to the knowledge of the Issuers and the Guarantors, no event has occurred which permits, or with notice or lapse of time or both would permit, the revocation or non-renewal of any such franchises, assuming the filing of timely renewal applications and the timely payment of all applicable filing and regulatory fees to the applicable franchising authority, or which would be reasonably likely to result, individually or in the aggregate, in any other material impairment of the rights of the Issuers, the Guarantors and their respective subsidiaries, as applicable, in such franchises; and (iii) the Issuers have no reason to believe that any franchise that is material to the operation of the Issuers, the Guarantors and their respective subsidiaries will not be renewed;

(ff) Each of the programming agreements entered into by, or necessary for any operations of, the Issuers or the Guarantors that are material to the Issuers and the Guarantors, taken as a whole, is in full force and effect (or in any cases where the Issuers and the Guarantors and any suppliers of content are operating in the absence of an agreement, such content providers and the Issuers, the Guarantors and/or their respective subsidiaries, as the case may be, provide and receive service in accordance with terms that have been agreed to or consistently acknowledged or accepted by both parties, including, without limitation, situations in which providers or suppliers of content accept regular payment for the provision of such content); and to the knowledge of the Issuers and the Guarantors, no event has occurred (or with notice of lapse of time or both would occur) which would be reasonably likely to result in the early termination or non-renewal of any such programming agreements and which would, individually or in the aggregate, result in a Material Adverse Effect;

(gg) The Issuers, the Guarantors and their respective subsidiaries (i) are in compliance with any and all applicable foreign, federal, state and local laws and regulations relating to the protection of human health and safety, the environment or hazardous or toxic substances or wastes, pollutants or contaminants (“Environmental Laws”), (ii) have received all permits, licenses or other approvals required of them under applicable Environmental Laws to conduct their respective businesses and (iii) are in compliance with all terms and conditions of any such permit, license or approval, except, for purposes of clauses (i) through (iii) above, where such noncompliance with Environmental Laws, failure to receive required permits, licenses or other approvals or failure to comply with the terms and conditions of such permits, licenses or approvals would not, individually or in the aggregate, have a Material Adverse Effect;

(hh) None of the Issuers, the Guarantors, Charter or any of their respective subsidiaries and, to the knowledge of the Issuers and the Guarantors, no director, officer, agent, employee or other person associated with or acting on behalf of the Issuers, the Guarantors, Charter or any of their respective subsidiaries has (i) used any corporate funds for any unlawful contribution, gift, entertainment or other unlawful expense relating to political activity; (ii) made any direct or indirect unlawful payment to any foreign or domestic government official or employee from corporate funds; (iii) violated or is in violation of any provision of the Foreign Corrupt Practices Act of 1977; or (iv) made any bribe, rebate, payoff, influence payment, kickback or other unlawful payment;

(ii) The operations of the Issuers, the Guarantors, Charter and their respective subsidiaries are and have been conducted at all times in compliance with applicable financial recordkeeping and reporting requirements of the Currency and Foreign Transactions Reporting Act of 1970, as amended, the money laundering statutes of all jurisdictions, the rules and regulations thereunder and any related or similar rules, regulations or guidelines, issued, administered or enforced by any governmental agency (collectively, the “Money Laundering Laws”) and no action, suit or proceeding by or before any court or governmental agency, authority or body or any arbitrator involving the Issuers, the Guarantors, Charter or any of their respective subsidiaries with respect to the Money Laundering Laws is pending or, to the knowledge of the Issuers and the Guarantors, threatened;

(jj) None of the Issuers, the Guarantors, Charter or any of their respective subsidiaries and, to the knowledge of the Issuers and the Guarantors, no director, officer, agent, employee or affiliate of the Issuers, the Guarantors, Charter or any of their respective subsidiaries is currently subject to any U.S. sanctions administered by the Office of Foreign Assets Control of the U.S. Department of the Treasury (“OFAC”); and neither of the Issuers nor the Guarantors will directly or indirectly use the proceeds of the offering of the Securities hereunder, or lend, contribute or otherwise make available such proceeds to any subsidiary, joint venture partner or other person or entity, for the purpose of financing the activities of any person currently subject to any U.S. sanctions administered by OFAC;

(kk) Immediately after the consummation of this offering (including after giving effect to the execution, delivery and performance of this Agreement, the Indenture and the issuance and sale of the Securities), (i) the fair market value of the assets of each of the Guarantors and the Issuers, each on a consolidated basis with their respective subsidiaries, exceeds and will exceed its liabilities, on a consolidated basis with its subsidiaries; (ii) the present fair saleable value of the assets of each of the Guarantors and the Issuers, each on a consolidated basis with its subsidiaries, exceeds and will exceed its liabilities, on a consolidated basis with its subsidiaries; (iii) each of the Guarantors and the Issuers, each on a consolidated basis with its subsidiaries, is and will be able to pay its debts, on a consolidated basis with its subsidiaries, as such debts respectively mature or otherwise become absolute or due; and (iv) each of the Guarantors and the Issuers, on a consolidated basis with its subsidiaries, does not have and will not have unreasonably small capital with which to conduct its respective operations;

(ll) The Issuers, the Guarantors and their respective subsidiaries each maintain a system of disclosure controls and procedures to ensure that material information relating to the Issuers, the Guarantors and their respective subsidiaries, is made known to each of them by others within those entities, particularly during the period in which the periodic reports are being prepared;

(mm) There is, and has been, no failure on the part of the Issuers, the Guarantors or their respective subsidiaries, or any of their directors or officers, in their capacities as such, to comply with any provision of the Sarbanes Oxley Act of 2002 and the rules and regulations promulgated in connection therewith, including, without limitation, Section 402 related to loans and Sections 302 and 906 related to certifications;

(nn) The statistical and market-related data included in the Time of Sale Information and the Prospectus are based on or derived from sources that the Issuers and the Guarantors believe to be reliable and accurate;

(oo) Each of the material relationships and transactions specified in Item 404 of Regulation S-K required to be described in each of the Registration Statement, the Time of Sale Information and the Prospectus have been so described in each of the Registration Statement, the Time of Sale Information and the Prospectus (exclusive of any amendment or supplement thereto);

(pp) [Reserved];

(qq) Each Security Document and the Intercreditor Agreement has been duly authorized by each Guarantor (other than the Parent Guarantor) and duly executed and delivered by such Guarantors (assuming the due authorization, execution and delivery thereof by the other parties thereto), constitutes a valid and legally binding obligation of such Guarantor party thereto in accordance with its terms, enforceable against it in accordance with its terms except that (i) the enforcement thereof may be subject, to (A) bankruptcy, insolvency, reorganization and other laws of general applicability relating to or affecting creditors' rights and (B) general principles of equity, and (ii) any rights to indemnity or contribution thereunder may be limited by federal and state securities laws and public policy considerations; and

(rr) The Collateral Agreement, dated as of May 18, 2016, by and among the Issuers and each Guarantor party thereto (the "Collateral Agreement"), has been duly authorized and creates, in favor of the Collateral Agent for the benefit of the Collateral Agent and the holders of the Securities, a valid and enforceable, and the filing or recording of the appropriate financing statements and similar instruments with the appropriate governmental authorities (and the payment of the appropriate filing fees and any applicable taxes) and the delivery of the applicable documents to the Collateral Agent in accordance with the provisions of the Collateral Agreement, a perfected security interest in all Collateral, superior to and prior to the Liens (as defined in the Prospectus Supplement) of all third persons other than Liens not prohibited by the Indenture.

2. Purchase and Sale. Subject to the terms and conditions herein set forth, the Issuers agree to issue and sell to each of the Underwriters, and each of the Underwriters agrees, severally and not jointly, to purchase from the Issuers the principal amount of the Securities set forth opposite the name of such Underwriter in Schedule I hereto, (i) in the case of the 2031 Notes, at an aggregate purchase price of 99.366% of the gross proceeds plus accrued and unpaid interest, if any, from April 17, 2020 to the Time of Delivery and (ii) in the case of the 2051 Notes, at an aggregate purchase price of 99.366% of the gross proceeds plus accrued and unpaid interest, if any, from April 17, 2020 to the Time of Delivery.

3. Representations, Warranties and Covenants of the Underwriters. Upon the authorization by the Issuers of the release of the Securities, the Underwriters propose to offer the Securities for sale upon the terms and conditions set forth in this Agreement, the Registration Statement, the Time of Sale Information and the Prospectus, and each Underwriter, severally and not jointly, hereby represents and warrants to, and agrees with the Issuers that the Underwriters intend to offer for sale to the public, as described in the Pricing Disclosure Package and the Prospectus, their respective portions of the Securities as soon after this Agreement has been executed as the Underwriters, in their sole judgment, have determined is advisable and practicable.

4. Delivery and Payment.

(a) The Securities to be purchased by each Underwriter hereunder will be represented by definitive global notes in book-entry form which will be deposited by or on behalf of the Issuers with The Depository Trust Company (“DTC”) or its designated custodian. The Issuers will deliver the Securities to Morgan Stanley & Co. LLC, for the account of each Underwriter, against payment by or on behalf of such Underwriter of the purchase price therefor by wire transfer of same day funds wired in accordance with the written instructions of the Company, by causing DTC to credit the Notes to the account of Morgan Stanley & Co. LLC at DTC. The Issuers will cause the certificates representing the Securities to be made available to Morgan Stanley & Co. LLC for checking at least twenty-four hours prior to the Time of Delivery at the office of DTC or its designated custodian (the “Designated Office”). The time and date of such delivery and payment shall be 9:30 a.m., New York City time, on April 17, 2020 or such other time and date as Morgan Stanley & Co. LLC and the Issuers may agree upon in writing. Such time and date are herein called the “Time of Delivery.”

(b) The documents to be delivered at the Time of Delivery by or on behalf of the parties hereto pursuant to Section 8 hereof, including, without limitation, the cross-receipt for the Notes and any additional documents requested by the Underwriters pursuant to Section 8(1) hereof, will be delivered at such time and date at the offices of Cahill Gordon & Reindel LLP, 80 Pine Street, New York, New York 10005 or such other location as the parties mutually agree (the “Closing Location”), and the Notes will be delivered at the Designated Office, all at the Time of Delivery. A meeting will be held at the Closing Location at 6:00 p.m., New York City time (or such other time as the parties mutually agree), on the New York Business Day next preceding the Time of Delivery, at which meeting the final drafts of the documents to be delivered pursuant to the preceding sentence will be available for review by the parties hereto. For the purposes of this Section 4, “New York Business Day” shall mean each Monday, Tuesday, Wednesday, Thursday and Friday which is not a day on which banking institutions in New York are generally authorized or obligated by law or executive order to close.

5. Agreements. Each of the Issuers and the Guarantors, jointly and severally, agrees with each of the Underwriters:

(a) That the Issuers will file the final Prospectus with the Commission within the time periods specified by Rule 424(b) and Rule 430A, 430B or 430C under the Securities Act, will file any Issuer Free Writing Prospectus (including the term sheet in the form of Annex B hereto) to the extent required by Rule 433 under the Securities Act, and the Issuers and the Guarantors will file promptly all reports and any definitive proxy or information statements required to be filed by the Issuers and the Guarantors with the Commission pursuant to Section 13(a), 13(c), 14 or 15(d) of the Exchange Act subsequent to the date of the Prospectus and for so long as the delivery of a prospectus is required in connection with the offering or sale of the Securities; and the Issuers will furnish copies of the Prospectus and each Issuer Free Writing Prospectus (to the extent not previously delivered) to the Underwriters in New York City prior to 10:00 A.M., New York City time, on the second business day succeeding the date of this Agreement in such quantities as the Representatives may reasonably request. The Issuers will pay the registration fees for this offering within the time period required by Rule 456(b)(1)(i) under the Securities Act (without giving effect to the proviso therein) and in any event prior to the Time of Delivery;

(b) That before finalizing the Prospectus or making or distributing any amendment or supplement to any of the Registration Statement, Time of Sale Information or the Prospectus or filing with the Commission any document that will be incorporated by reference therein, the Issuers will furnish to the Underwriters and counsel for the Underwriters a copy of the proposed Prospectus or such amendment or supplement or document to be incorporated by reference therein for review, and will not distribute any such proposed Prospectus, amendment or supplement or file any such document with the Commission to which the Underwriters reasonably object;

(c) That before making, preparing, using, authorizing, approving or referring to any Issuer Free Writing Prospectus, the Issuers will furnish to the Underwriters and counsel for the Underwriters a copy of such Issuer Free Writing Prospectus for review and will not make, prepare, use, authorize, approve or refer to any such Issuer Free Writing Prospectus to which the Underwriters reasonably object;

(d) Promptly from time to time to take such action as you may reasonably request to qualify the Securities for offering and sale under the securities laws of such jurisdictions as you may request and to comply with such laws so as to permit the continuance of sales and dealings therein in such jurisdictions for as long as may be necessary to complete the distribution of the Notes; provided that in connection therewith the Issuers shall not be required to qualify as a foreign corporation or limited liability company, as the case may be, or to file a general consent to service of process in any jurisdiction;

(e) The Issuers will deliver, without charge, to the Representatives, during the Prospectus Delivery Period (as defined below), as many copies of the Prospectus (including all amendments and supplements thereto and documents incorporated by reference therein) and each Issuer Free Writing Prospectus as the Representatives may reasonably request and each amendment or supplement thereto signed by an authorized officer of each of the Issuers with the independent accountants' reports in the Prospectus, and any amendment or supplement containing amendments to the financial statements covered by such reports, signed by the accountants, and additional copies thereof in, such quantities as you may from time to time reasonably request, and if, at any time prior to the expiration of the Prospectus Delivery Period, any event shall have occurred as a result of which the Prospectus as then amended or supplemented would include an untrue statement of a material fact or omit to state any material fact necessary in order to make the statements therein, in the light of the circumstances under which they were made when such Prospectus is delivered, not misleading, or, if for any other reason it shall be necessary or desirable during such same period to amend or supplement the Prospectus, to notify you and upon your request to prepare and furnish without charge to each Underwriter and to any dealer in securities as many copies as you may from time to time reasonably request of an amended Prospectus or a supplement to the Prospectus which will correct such statement or omission or effect such compliance. As used herein, the term "Prospectus Delivery Period" means such period of time after the first date of the public offering of the Securities as in the opinion of counsel for the Underwriters a prospectus relating to the Securities is required by law to be delivered (or required to be delivered but for Rule 172 under the Securities Act) in connection with sales of the Securities by any Underwriter or dealer;

(f) That if at any time during the Prospectus Delivery Period (i) any event shall occur or condition shall exist as a result of which any of the Time of Sale Information or Prospectus as then amended or supplemented would include any untrue statement of a material fact or omit to state any material fact necessary in order to make the statements therein, in the light of the circumstances under which they were made, not misleading or (ii) it is necessary to amend or supplement any of the Time of Sale Information or Prospectus to comply with law, the Issuers will immediately notify the Underwriters thereof and forthwith prepare and, subject to paragraph (a) above, furnish to the Underwriters such amendments or supplements to any of the Time of Sale Information or Prospectus (or any document to be filed with the Commission and incorporated by reference therein) as may be necessary so that the statements in any of the Time of Sale Information or Prospectus as so amended or supplemented will not, in light of the circumstances under which they were made, be misleading or so that any of the Time of Sale Information or Prospectus will comply with law;

(g) That during the period beginning from the date hereof and continuing until the Closing Date, not to, and not permit any of their respective subsidiaries or anyone authorized to act on behalf of the Issuers, the Guarantors or their respective affiliates, which it controls, to, without the prior written consent of BofA Securities, Inc., J.P. Morgan Securities LLC and Morgan Stanley & Co. LLC, offer, sell, contract to sell or otherwise dispose of, except as provided hereunder, any securities of the Issuers, the Guarantors or their respective subsidiaries that are substantially similar to the Securities, it being understood that equity securities and securities convertible or exchangeable into equity securities are not "substantially similar" to the Notes;

(h) That the Issuers and the Guarantors will advise the Representatives promptly, and confirm such advice in writing, (i) when any amendment to the Registration Statement has been filed or becomes effective; (ii) when any supplement to the Prospectus or any amendment to the Prospectus or any Issuer Free Writing Prospectus has been filed; (iii) of any request by the Commission for any amendment to the Registration Statement or any amendment or supplement to the Prospectus or the receipt of any comments from the Commission relating to the Registration Statement or any other request by the Commission for any additional information; (iv) of the issuance by the Commission of any order suspending the effectiveness of the Registration Statement or preventing or suspending the use of any Preliminary Prospectus or the Prospectus or the initiation or threatening of any proceeding for that purpose or pursuant to Section 8A of the Securities Act; (v) of the occurrence of any event within the Prospectus Delivery Period as a result of which the Prospectus, the Time of Sale Information or any Issuer Free Writing Prospectus as then amended or supplemented would include any untrue statement of a material fact or omit to state a material fact necessary in order to make the statements therein, in the light of the circumstances existing when the Prospectus, the Time of Sale Information or any such Issuer Free Writing Prospectus is delivered to a purchaser, not misleading; (vi) of the receipt by the Issuers of any notice of objection of the Commission to the use of the Registration Statement or any post-effective amendment thereto pursuant to Rule 401(g)(2) under the Securities Act; and (vii) of the receipt by the Issuers or the Guarantors of any notice with respect to any suspension of the qualification of the Securities for offer and sale in any jurisdiction or the initiation or threatening of any proceeding for such purpose; and the Issuers and the Guarantors will use their reasonable best efforts to prevent the issuance of any such order suspending the effectiveness of the Registration Statement, preventing or suspending the use of any Preliminary Prospectus or the Prospectus or suspending any such qualification of the Securities and, if any such order is issued, will obtain as soon as possible the withdrawal thereof;

(i) That the Issuers will make generally available to security holders and the Representatives as soon as practicable an earning statement that satisfies the provisions of Section 11(a) of the Securities Act and Rule 158 of the Commission promulgated thereunder covering a period of at least twelve months beginning with the first fiscal quarter of the Issuers occurring after the “effective date” (as defined in Rule 158) of the Registration Statement;

(j) That the Issuers will, pursuant to reasonable procedures developed in good faith, retain copies of each Issuer Free Writing Prospectus that is not filed with the Commission in accordance with Rule 433 under the Securities Act;

(k) Not to be or become, at any time prior to the expiration of two years after the Time of Delivery, an “open-end investment company”, “unit investment trust”, “closed-end investment company” or “face-amount certificate company” that is or is required to be registered under Section 8 of the Investment Company Act;

(l) To use the net proceeds received from the sale of the Securities pursuant to this Agreement in the manner specified in each of the Registration Statement, the Time of Sale Information and the Prospectus under the caption “Use of Proceeds” therein;

(m) Except as otherwise permitted by Regulation M under the Exchange Act, none of the Issuers, the Guarantors nor any of their respective affiliates will take, directly or indirectly, any action designed to or which has constituted or which would reasonably be expected to cause or result, under the Exchange Act or otherwise, in stabilization or manipulation of the price of any security of the Issuers to facilitate the sale or resale of the Notes;

(n) The Issuers and the Guarantors (i) shall complete on or prior to the Closing Date all filings and take all other similar actions required in connection with the perfection of first-priority security interests in the Collateral as and to the extent required by the Indenture and the Security Documents and (ii) shall take all actions necessary to maintain such security interests and to perfect first-priority security interests in any Collateral acquired after the Closing Date, in each case as and to the extent required by the Indenture and the Security Documents; and

(o) The Issuers and the Guarantors acknowledge and agree that the Underwriters are acting solely in the capacity of an arm’s length contractual counterparty to the Issuers and the Guarantors with respect to the offering of the Securities contemplated hereby (including in connection with determining the terms of the offering) and not as financial advisors or fiduciaries to, or agents of, each of the Issuers, the Guarantors or any other person. Additionally, none of the Underwriters is advising the Issuers, the Guarantors or any other person as to any legal, tax, investment, accounting or regulatory matters in any jurisdiction. The Issuers and the Guarantors shall consult with their own advisors concerning such matters and shall be responsible for making their own independent investigation and appraisal of the transactions contemplated hereby, and none of the Underwriters shall have any responsibility or liability to the Issuers or the Guarantors with respect thereto. Any review by any Underwriter of the Issuers, the Guarantors, and the transactions contemplated hereby or other matters relating to such transactions will be performed solely for the benefit of such Underwriter, as the case may be, and shall not be on behalf of the Issuers, the Guarantors or any other person.

6. Agreement to Pay Certain Fees.

(a) Each of the Issuers covenants and agrees with the several Underwriters that the Issuers will pay or cause to be paid the following: (i) the reasonable fees, disbursements and expenses of the Issuers' counsel and accountants in connection with the issue of the Securities and all other expenses in connection with the preparation, printing and filing of the Registration Statement, the Preliminary Prospectus, any other Time of Sale Information, any Issuer Free Writing Prospectus and the Prospectus and any amendments and supplements thereto and the mailing and delivering of copies thereof to the Underwriters and dealers; (ii) the cost of producing and distributing the Blue Sky and Legal Investment Memoranda; (iii) all expenses in connection with the qualification of the Securities for offering and sale under state securities laws as provided in Section 5(d) hereof, including, without limitation, the fees and disbursements of counsel for the Underwriters in connection with such qualification and in connection with the Blue Sky and Legal Investment surveys; (iv) any fees charged by securities rating services for rating the Securities; (v) the cost of preparing the Securities; (vi) the fees and expenses of the Trustee and any agent of the Trustee and the fees and disbursements of counsel for the Trustee in connection with the Indenture, the Securities and the Security Documents and the fees and expenses attributable to creating and perfecting the security interest therein (including the reasonable related fees and expenses of counsel for the Underwriters for all periods prior to and after the Closing Date); (vii) all expenses and fees incurred in connection with the approval of the Securities for book-entry transfer by DTC; (viii) the cost of any filings required by Financial Industry Regulatory Authority Inc. and (ix) all other reasonable costs and expenses incident to the performance of its obligations hereunder which are not otherwise specifically provided for in this Section 6. It is understood, however, that, except as provided in this Section 6 and Sections 9 and 12 hereof, the Underwriters will pay all their own costs and expenses, including, without limitation, the fees of their counsel, transfer taxes on resale of any of the Securities by them, and any advertising expenses connected with any offers they may make; and

(b) If (i) this Agreement is terminated pursuant to Section 12, (ii) the Issuers for any reason fail to tender the Securities for delivery to the Underwriters or (iii) the Underwriters decline to purchase the Securities for any reason permitted under this Agreement, the Issuers agree to reimburse the Underwriters for all reasonable out-of-pocket costs and expenses (including the reasonable fees and expenses of their counsel) reasonably incurred by the Underwriters in connection with this Agreement and the offering contemplated hereby.

7. Certain Agreements of the Underwriters. Each Underwriter severally agrees that it has not and will not use, authorize use of, refer to, or participate in the planning for use of, any "free writing prospectus", as defined in Rule 405 under the Securities Act (which term includes use of any written information furnished to the Commission by the Issuers and not incorporated by reference into the Registration Statement and any press release issued by the Issuers) other than (i) a free writing prospectus that, solely as a result of use by such Underwriter, would not trigger an obligation to file such free writing prospectus with the Commission pursuant to Rule 433, (ii) any Issuer Free Writing Prospectus listed on Annex A or prepared pursuant to Section 1(b) or Section 5 above (including any electronic road show), or (iii) any free writing prospectus prepared by such Underwriter and approved by the Company in advance in writing (each such free writing prospectus referred to in clauses (i) or (iii), an "Underwriter Free Writing Prospectus"). Notwithstanding the foregoing, the Underwriters may use term sheets substantially in the form of Annex B hereto without the consent of the Issuers.

8. Conditions to the Obligations of the Underwriters. The obligations of the Underwriters hereunder shall be subject, in their discretion, to the condition that all representations and warranties and other statements of the Issuers and the Guarantors herein are, at and as of the date hereof and the Time of Delivery, true and correct, the condition that the Issuers and the Guarantors shall have performed all their obligations hereunder theretofore to be performed, and the following additional conditions:

(a) The Underwriters shall have received from Cahill Gordon & Reindel LLP, counsel for the Underwriters, such opinion or opinions, dated the Time of Delivery and addressed to the Underwriters, with respect to the issuance and sale of the Securities, the issuance of the Guarantees and the Indenture and other related matters as the Underwriters may reasonably require, and the Issuers shall have furnished to such counsel such documents as they request for the purpose of enabling them to pass upon such matters;

(b) Kirkland & Ellis LLP, counsel for the Issuers, shall have furnished to you their (i) written opinion, dated the Time of Delivery, substantially in the form of Annex C hereto and (ii) negative assurance letter, dated the Time of Delivery, in form and substance reasonably satisfactory to you;

(c) Davis Wright Tremaine LLP, special regulatory counsel to the Issuers, shall have furnished to you their written opinion, dated the Time of Delivery, substantially in the form of Annex D hereto;

(d) [Reserved];

(e) On the date of the Time of Sale Information and also at the Time of Delivery, KPMG LLP shall have furnished to you a letter or letters, dated the respective dates of delivery thereof, in form and substance reasonably satisfactory to you;

(f) (i) None of the Issuers, the Guarantors or any of their respective subsidiaries shall have sustained since the date of the latest audited financial statements included or incorporated by reference in the Time of Sale Information and the Prospectus any loss or interference with its business from fire, explosion, flood or other calamity, whether or not covered by insurance, or from any court or governmental action, order or decree, otherwise than as set forth or contemplated in each of the Registration Statement, the Time of Sale Information and the Prospectus, and (ii) since the respective dates as of which information is given in each of the Registration Statement, the Time of Sale Information and the Prospectus (for clarification purposes, this excludes any amendment or supplement to the each of the Registration Statement, the Time of Sale Information and the Prospectus on or after the date of this Agreement) there shall not have been any change in the capital stock, limited liability company interests, partnership interests or long-term debt of the Issuers or any of their respective subsidiaries or any change, or any development involving a prospective change, in or affecting the general affairs, management, financial position, stockholders' or members' equity, or results of operations of the Issuers and their respective subsidiaries, otherwise than as set forth or contemplated in each of the Registration Statement, the Time of Sale Information and the Prospectus, the effect of which, in any such case described in clause (i) or (ii), is in the judgment of the Underwriters so material and adverse as to make it impracticable or inadvisable to proceed with the offering or the sale or delivery of the Securities on the terms and in the manner contemplated in this Agreement and in the Time of Sale Information and the Prospectus;

(g) Subsequent to the earlier of the Time of Sale and the execution and delivery of this Agreement, (i) no downgrading shall have occurred in the rating accorded the Securities or any other debt securities or preferred stock issued or guaranteed by the Issuers, the Guarantors or any of their respective subsidiaries by any “nationally recognized statistical rating organization” registered under Section 15E of the Exchange Act; and (ii) no such organization shall have publicly announced that it has under surveillance or review, or has changed its outlook with respect to, its rating of the Securities or of any other debt securities or preferred stock issued or guaranteed by the Issuers, the Guarantors or any of their respective subsidiaries (other than an announcement with positive implications of a possible upgrading);

(h) The Underwriters shall have received counterparts of the Indenture that shall have been executed and delivered by a duly authorized officer(s) of each of the Issuers and the Guarantors;

(i) The Securities shall be eligible for clearance and settlement through DTC;

(j) At the Time of Delivery, the Underwriters shall have received a written certificate executed by an executive officer of the Issuers, dated as of the Time of Delivery, certifying to the matters set forth in subsections (f) and (g) of this Section 8 and as to such other matters as you may reasonably request, and further to the effect that:

(i) the representations, warranties and covenants of the Issuers and the Guarantors set forth herein were true and correct as of the date hereof and are true and correct as of the Time of Delivery with the same force and effect as though expressly made on and as of the Time of Delivery;

(ii) the Registration Statement has become effective under the Securities Act and no order suspending the effectiveness of the Registration Statement is in effect, and no proceeding for such purpose, pursuant to Rule 401(g)(2) or pursuant to Section 8A under the Securities Act is pending before or threatened by the Commission; the Prospectus and each Issuer Free Writing Prospectus has been timely filed with the Commission under the Securities Act (in the case of an Issuer Free Writing Prospectus, to the extent required by Rule 433 under the Securities Act) and in accordance with Section 5(a) hereof; and all requests by the Commission for additional information have been complied with; and

(iii) each of the Issuers and the Guarantors have complied with all the agreements and satisfied all the conditions on its part to be performed or satisfied at or prior to the Time of Delivery.

(k) The Registration Statement shall have become effective under the Securities Act and no order suspending the effectiveness of the Registration Statement shall be in effect, and no proceeding for such purpose, pursuant to Rule 401(g)(2) or pursuant to Section 8A under the Securities Act shall be pending before or threatened by the Commission; the Prospectus and each Issuer Free Writing Prospectus shall have been timely filed with the Commission under the Securities Act (in the case of an Issuer Free Writing Prospectus, to the extent required by Rule 433 under the Securities Act) and in accordance with Section 4(a) hereof; and all requests by the Commission for additional information shall have been complied with to the reasonable satisfaction of the Representatives; and

(l) On or before the Time of Delivery, the Underwriters and counsel for the Underwriters shall have received such information, documents and opinions as they may reasonably require for the purposes of enabling them to pass upon the issuance and sale of the Securities as contemplated herein, or in order to evidence the accuracy of any of the representations and warranties, or the satisfaction of any of the conditions or agreements, herein contained.

9. Indemnification and Contribution.

(a) Indemnification of the Underwriters. The Issuers and the Guarantors jointly and severally agree to indemnify and hold harmless each Underwriter, its affiliates, agents, employees, directors and officers and each person, if any, who controls such Underwriter within the meaning of Section 15 of the Securities Act or Section 20 of the Exchange Act, from and against any and all losses, claims, damages and liabilities (including, without limitation, reasonable legal fees and other expenses incurred in connection with any suit, action or proceeding or any claim asserted, as such fees and expenses are incurred), joint or several, that arise out of, or are based upon, (i) any untrue statement or alleged untrue statement of a material fact contained in the Registration Statement or caused by any omission or alleged omission to state therein a material fact required to be stated therein or necessary in order to make the statements therein, not misleading or (ii) any untrue statement or alleged untrue statement of a material fact contained in the Preliminary Prospectus, any of the other Time of Sale Information, any Issuer Free Writing Prospectus, the Investor Presentation or the Prospectus (or any amendment or supplement thereto) or any omission or alleged omission to state therein a material fact necessary in order to make the statements therein, in the light of the circumstances under which they were made, not misleading, except insofar as such losses, claims, damages or liabilities arise out of, or are based upon, any untrue statement or omission or alleged untrue statement or omission made in reliance upon and in conformity with any information relating to any Underwriter furnished to the Issuers in writing by such Underwriter through BofA Securities, Inc., J.P. Morgan Securities LLC and Morgan Stanley & Co. LLC expressly for use therein;

(b) Indemnification of the Issuers and the Guarantors. Each Underwriter agrees, severally and not jointly, to indemnify and hold harmless each Issuer, the Guarantors, each of their respective affiliates, officers, directors, employees, members, managers and agents, and each person, if any, who controls an Issuer or the Guarantors within the meaning of Section 15 of the Securities Act or Section 20 of the Exchange Act to the same extent as the indemnity set forth in paragraph (a) above, but only with respect to any losses, claims, damages or liabilities that arise out of, or are based upon, any untrue statement or omission or alleged untrue statement or omission made in reliance upon and in conformity with any information relating to such Underwriter furnished to the Issuers in writing by such Underwriter through BofA Securities, Inc., J.P. Morgan Securities LLC and Morgan Stanley & Co. LLC expressly for use in the Registration Statement, the Preliminary Prospectus, any of the other Time of Sale Information, any Issuer Free Writing Prospectus or the Prospectus (or any amendment or supplement thereto), it being understood and agreed that the only such information consists of the following: in the Preliminary Prospectus and the Prospectus the fourth sentence of the second paragraph, the third paragraph, the second sentence of the fourth paragraph and the first through fifth sentences of the sixth paragraph under the heading "Underwriting;"

(c) Notice and Procedures. If any suit, action, proceeding (including any governmental or regulatory investigation), claim or demand shall be brought or asserted against any person in respect of which indemnification may be sought pursuant to either paragraph (a) or (b) above, such person (the “Indemnified Person”) shall promptly notify the person against whom such indemnification may be sought (the “Indemnifying Person”) in writing; provided that the failure to notify the Indemnifying Person shall not relieve it from any liability that it may have under paragraph (a) or (b) of this Section 9 except to the extent that it has been materially prejudiced (through the forfeiture of substantive rights or defenses) by such failure; and provided, further, that the failure to notify the Indemnifying Person shall not relieve it from any liability that it may have to an Indemnified Person otherwise than under paragraph (a) or (b) of this Section 9. If any such proceeding shall be brought or asserted against an Indemnified Person and it shall have notified the Indemnifying Person of the commencement thereof, the Indemnifying Person shall retain counsel reasonably satisfactory to the Indemnified Person to represent the Indemnified Person and any others entitled to indemnification pursuant to this Section 9 that the Indemnifying Person may designate in such proceeding and shall pay the reasonable fees and expenses of such counsel related to such proceeding, as incurred. In any such proceeding, any Indemnified Person shall have the right to retain its own counsel, but the fees and expenses of such counsel shall be at the expense of such Indemnified Person unless (i) the Indemnifying Person and the Indemnified Person shall have mutually agreed to the contrary; (ii) the Indemnifying Person has failed within a reasonable time to retain counsel reasonably satisfactory to the Indemnified Person; (iii) the Indemnified Person shall have reasonably concluded that there may be legal defenses available to it which if raised in a proceeding involving both parties would be inappropriate under applicable legal or ethical standards due to actual or potential differing interests between it and the Indemnifying Person; or (iv) the named parties in any such proceeding (including any impleaded parties) include both the Indemnifying Person and the Indemnified Person and representation of both parties by the same counsel would be inappropriate under applicable legal or ethical standards due to actual or potential differing interests between them. It is understood and agreed that the Indemnifying Person shall not, in connection with any proceeding or related proceeding in the same jurisdiction, be liable for the fees and expenses of more than one separate firm (in addition to any local counsel) for all Indemnified Persons, and that all such reasonable fees and expenses shall be reimbursed as they are incurred. Any such separate firm for any Underwriter, its affiliates, officers, directors, employees and any control persons of such Underwriter shall be designated in writing by BofA Securities, Inc., J.P. Morgan Securities LLC and Morgan Stanley & Co. LLC and any such separate firm for the Issuers, the Guarantors and any of their respective affiliates, officers, directors, employees, members, managers and agents and any control persons of the Issuers and the Guarantors, as applicable, shall be designated in writing by the Issuers. The Indemnifying Person shall not be liable for any settlement of any proceeding effected without its written consent, but if settled with such consent or if there be a final judgment for the plaintiff, not subject to further appeal, the Indemnifying Person agrees to indemnify each Indemnified Person from and against any loss or liability provided for in such settlement or judgment. No Indemnifying Person shall, without the written consent of the Indemnified Person (which shall not be unreasonably withheld), effect any settlement of any pending or threatened proceeding in respect of which any Indemnified Person is or could have been a party and indemnification could have been sought hereunder by such Indemnified Person, unless such settlement (x) includes an unconditional release of such Indemnified Person, in form and substance reasonably satisfactory to such Indemnified Person, from all liability on claims that are the subject matter of such proceeding and (y) does not include any statement as to or any admission of fault, culpability or a failure to act by or on behalf of such Indemnified Person;

(d) Contribution. If the indemnification provided for in paragraphs (a) and (b) above is unavailable to an Indemnified Person or insufficient in respect of any losses, claims, damages or liabilities referred to therein, then each Indemnifying Person under such paragraph, in lieu of indemnifying such Indemnified Person thereunder, shall contribute to the amount paid or payable by such Indemnified Person as a result of such losses, claims, damages or liabilities (i) in such proportion as is appropriate to reflect the relative benefits received by the Issuers and the Guarantors on the one hand and the Underwriters on the other from the offering of the Securities or (ii) if the allocation provided by clause (i) is not permitted by applicable law, in such proportion as is appropriate to reflect not only the relative benefits referred to in clause (i) but also the relative fault of the Issuers and the Guarantors on the one hand and the Underwriters on the other in connection with the statements or omissions that resulted in such losses, claims, damages or liabilities, as well as any other relevant equitable considerations. The relative benefits received by the Issuers and the Guarantors, on the one hand, and the Underwriters, on the other, shall be deemed to be in the same respective proportions as the net proceeds (before deducting expenses) received by the Issuers from the sale of the Securities and the total discounts and commissions received by the Underwriters in connection therewith, as provided in this Agreement, bear to the aggregate offering price of the Securities. The relative fault of the Issuers and the Guarantors, on the one hand, and the Underwriters, on the other, shall be determined by reference to, among other things, whether the untrue or alleged untrue statement of a material fact or the omission or alleged omission to state a material fact relates to information supplied by the Issuers or the Guarantors on the one hand or by the Underwriters on the other and the parties’ relative intent, knowledge, access to information and opportunity to correct or prevent such statement or omission;

(e) Limitation on Liability. The Issuers, the Guarantors and the Underwriters each agree that it would not be just and equitable if contribution pursuant to this Section 9 were determined by pro rata allocation (even if the Underwriters were treated as one entity for such purpose) or by any other method of allocation that does not take account of the equitable considerations referred to in paragraph (d) above. The amount paid or payable by an Indemnified Person as a result of the losses, claims, damages and liabilities referred to in paragraph (d) above shall be deemed to include, subject to the limitations set forth above, any legal or other expenses incurred by such Indemnified Person in connection with any such action or claim. Notwithstanding the provisions of this Section 9, in no event shall an Underwriter be required to contribute any amount in excess of the amount by which the total discounts and commissions received by such Underwriter with respect to the offering of the Securities exceeds the amount of any damages that such Underwriter has otherwise been required to pay by reason of such untrue or alleged untrue statement or omission or alleged omission. No person guilty of fraudulent misrepresentation (within the meaning of Section 11(f) of the Securities Act) shall be entitled to contribution from any person who was not guilty of such fraudulent misrepresentation. The Underwriters' obligations to contribute pursuant to this Section 9 are several in proportion to their respective purchase obligations hereunder and not joint; and

(f) Non-Exclusive Remedies. The remedies provided for in this Section 9 are not exclusive and shall not limit any rights or remedies that may otherwise be available to any Indemnified Person at law or in equity.

10. Default by an Underwriter.

(a) If any Underwriter shall default in its obligation to purchase the Securities which it has agreed to purchase hereunder, you may in your discretion arrange for you or another party or other parties to purchase such Securities on the terms contained herein. If within thirty-six hours after such default by any Underwriter you do not arrange for the purchase of such Securities, then the Issuers shall be entitled to a further period of thirty-six hours within which to procure another party or other parties satisfactory to you to purchase such Securities on such terms. In the event that, within the respective prescribed periods, you notify the Issuers that you have so arranged for the purchase of such Securities, or the Issuers notify you that they have so arranged for the purchase of such Securities, you or the Issuers shall have the right to postpone the Time of Delivery for a period of not more than seven days, in order to effect whatever changes may thereby be made necessary in the Registration Statement, the Time of Sale Information, the Prospectus, or in any other documents or arrangements, and the Issuers agree to prepare promptly any amendments to the Registration Statement, the Time of Sale Information or the Prospectus which in your opinion may thereby be made necessary. The term "Underwriter" as used in this Agreement shall include any person substituted under this Section 10 with like effect as if such person had originally been a party to this Agreement with respect to such Securities;

(b) If, after giving effect to any arrangements for the purchase of the Securities of a defaulting Underwriter or Underwriters by you and the Issuers as provided in subsection (a) above, the aggregate principal amount of such Securities which remains unpurchased does not exceed one-tenth of the aggregate principal amount of all the Securities, then the Issuers shall have the right to require each non-defaulting Underwriter to purchase the principal amount of Securities which such Underwriter agreed to purchase hereunder and, in addition, to require each non-defaulting Underwriter to purchase its pro rata share (based on the principal amount of Securities which such Underwriter agreed to purchase hereunder) of the Securities of such defaulting Underwriter or Underwriters for which such arrangements have not been made; but nothing herein shall relieve a defaulting Underwriter from liability for its default; and

(c) If, after giving effect to any arrangements for the purchase of the Securities of a defaulting Underwriter or Underwriters by you and the Issuers as provided in subsection (a) above, the aggregate principal amount of Securities which remains unpurchased exceeds one-tenth of the aggregate principal amount of all the Securities, or if the Issuers shall not exercise the right described in subsection (b) above to require non-defaulting Underwriters to purchase Securities of a defaulting Underwriter or Underwriters, then this Agreement shall thereupon terminate, without liability on the part of any non-defaulting Underwriter or the Issuers or the Guarantors, except for the expenses to be borne by the Issuers, the Guarantors and the Underwriters as provided in Section 6 hereof and the indemnity and contribution agreements in Section 9 hereof; but nothing herein shall relieve a defaulting Underwriter from liability for its default.

11. Representations and Indemnities to Survive. The respective indemnities, agreements, representations, warranties and other statements of the Issuers, the Guarantors and the several Underwriters, as set forth in this Agreement or made by or on behalf of them, respectively, pursuant to this Agreement, shall remain in full force and effect, regardless of any investigation (or any statement as to the results thereof) made by or on behalf of any Underwriter, its affiliates, agents, employees, directors and officers and each person, if any, who controls such Underwriter within the meaning of Section 15 of the Securities Act or Section 20 of the Exchange Act, or the Issuers, the Guarantors, or any of their respective affiliates, officers, directors, employees, members, managers and agents, and each person, if any, who controls an Issuer or the Guarantors within the meaning of Section 15 of the Securities Act or Section 20 of the Exchange Act, and shall survive delivery of and payment for the Securities or the termination of this Agreement.

12. Termination. This Agreement may be terminated in the absolute discretion of the Representatives, by notice to the Issuers, if after the execution and delivery of this Agreement and on or prior to the Time of Delivery (i) trading generally shall have been suspended or materially limited on the New York Stock Exchange; (ii) trading of any securities issued or guaranteed by the Issuers, the Guarantors or Charter shall have been suspended on any exchange or in any over-the-counter market; (iii) a general moratorium on commercial banking activities shall have been declared by federal or New York State authorities; (iv) there shall have occurred any outbreak or escalation of hostilities or any change in financial markets or any calamity or crisis, either within or outside the United States, that, in the judgment of the Representatives, is material and adverse and makes it impracticable or inadvisable to proceed with the offering, sale or delivery, of the Securities on the terms and in the manner contemplated by this Agreement, the Registration Statement, the Time of Sale Information and the Prospectus; or (v) there shall have occurred any major disruption of settlements of securities, payment, or clearance services in the United States or any other country where such securities are listed.

13. Reliance and Notices. In all dealings hereunder, you shall act on behalf of each of the Underwriters, and the parties hereto shall be entitled to act and rely upon any statement, request, notice or agreement on behalf of any Underwriter made or given by you jointly or by BofA Securities, Inc., J.P. Morgan Securities LLC and Morgan Stanley & Co. LLC on behalf of you as Underwriters.

All statements, requests, notices and agreements hereunder shall be in writing, and if to the Underwriters (or any of them) shall be delivered or sent by mail or facsimile transmission to you as Underwriters (or an Underwriter) to BofA Securities, Inc. at 50 Rockefeller Plaza, NY 1-050-12-01, New York, New York 10020, Attention: High Grade Debt Capital Markets Transaction Management/Legal, facsimile 1-212-901-7881, J.P. Morgan Securities LLC at 383 Madison Avenue, New York, New York 10179, Attention: Investment Grade Syndicate Desk, facsimile number 1-212-834-6081 and Morgan Stanley & Co. LLC at 1585 Broadway, 29th Floor, New York, New York 10036, Attention: Investment Banking Division, facsimile number 1-212-507-8999, and if to the Issuers shall be delivered or sent by mail or facsimile transmission to the address of the Issuers set forth in the Prospectus, Attention: Secretary. Any such statements, requests, notices or agreements shall take effect upon receipt thereof.

14. Successors. This Agreement shall be binding upon, and inure solely to the benefit of, the Underwriters, the Issuers, the Guarantors and, to the extent provided in Sections 9 and 11 hereof, the respective affiliates, officers, directors, employees, members, managers and agents of the Issuers and the Guarantors and the affiliates, agents, employees, directors and officers of the Underwriters and each person who controls the Issuers or any Underwriter within the meaning of Section 15 of the Securities Act or Section 20 of the Exchange Act, and their respective heirs, executors, administrators, successors and assigns, and no other person shall acquire or have any right under or by virtue of this Agreement. No purchaser of any of the Securities from any Underwriter shall be deemed a successor or assign by reason merely of such purchase.

15. Timeliness. Time shall be of the essence in this Agreement.

16. Authority of the Representatives. Any action by the Underwriters hereunder may be taken by the Representatives on behalf of the Underwriters, and any such action taken by such Representative shall be binding upon the Underwriters.

17. Applicable Law. This Agreement and any claim, controversy or dispute arising under or related to this Agreement shall be governed by and construed in accordance with the laws of the State of New York.

18. Counterparts. This Agreement may be executed by any one or more of the parties hereto in any number of counterparts (which may include counterparts delivered by any standard form of telecommunication), each of which shall be deemed to be an original, but all such respective counterparts shall together constitute one and the same instrument.

19. Headings. The headings herein are included for convenience of reference only and are not intended to be part of, or to affect the meaning or interpretation of, this Agreement.

20. Recognition of the U.S. Special Resolution Regimes.

(a) In the event that any Underwriter that is a Covered Entity (as defined below) becomes subject to a proceeding under a U.S. Special Resolution Regime (as defined below), the transfer from such Underwriter of this Agreement, and any interest and obligation in or under this Agreement, will be effective to the same extent as the transfer would be effective under the U.S. Special Resolution Regime if this Agreement, and any such interest and obligation, were governed by the laws of the United States or a state of the United States.

(b) In the event that any Underwriter that is a Covered Entity or a BHC Act Affiliate (as defined below) of such Underwriter becomes subject to a proceeding under a U.S. Special Resolution Regime, Default Rights (as defined below) under this Agreement that may be exercised against such Underwriter are permitted to be exercised to no greater extent than such Default Rights could be exercised under the U.S. Special Resolution Regime if this Agreement were governed by the laws of the United States or a state of the United States.

(c) For purposes of this Section 20, (i) the term “BHC Act Affiliate” has the meaning assigned to the term “affiliate” in, and shall be interpreted in accordance with, 12 U.S.C. § 1841(k); (ii) “Covered Entity” means any of the following: (x) a “covered entity” as that term is defined in, and interpreted in accordance with, 12 C.F.R. § 252.82(b), (y) a “covered bank” as that term is defined in, and interpreted in accordance with, 12 C.F.R. § 47.3(b), or a “covered FSI” as that term is defined in, and interpreted in accordance with, 12 C.F.R. § 382.2(b); (iii) “Default Right” has the meaning assigned to that term in, and shall be interpreted in accordance with, 12 C.F.R. §§ 252.81, 47.2 or 382.1, as applicable; and (iv) “U.S. Special Resolution Regime” means each of (x) the Federal Deposit Insurance Act and the regulations promulgated thereunder and (y) Title II of the Dodd-Frank Wall Street Reform and Consumer Protection Act and the regulations promulgated thereunder.

[Signature Pages Follow]

If the foregoing is in accordance with your understanding, please indicate your acceptance of this Agreement by signing in the space provided below.

Very truly yours,

CHARTER COMMUNICATIONS OPERATING, LLC,
as an Issuer

By: /s/ Charles Fisher

Name: Charles Fisher

Title: Senior Vice President, Corporate Finance

CHARTER COMMUNICATIONS OPERATING CAPITAL CORP.,
as an Issuer

By: /s/ Charles Fisher

Name: Charles Fisher

Title: Senior Vice President, Corporate Finance

CCO HOLDINGS, LLC,
as a Guarantor

By: /s/ Charles Fisher

Name: Charles Fisher

Title: Senior Vice President, Corporate Finance

THE SUBSIDIARY GUARANTORS LISTED ON SCHEDULE II
HERE TO,
as Guarantors

By: /s/ Charles Fisher

Name: Charles Fisher

Title: Senior Vice President, Corporate Finance

[Charter - Signature Page to Underwriting Agreement]

Accepted as of the date hereof

Acting severally on behalf of itself and the
several Underwriters named in Schedule I hereto.

BofA Securities, Inc.

By: /s/ Keith Harman

Name: Keith Harman

Title: Managing Director

[Charter - Signature Page to Underwriting Agreement]

Accepted as of the date hereof

Acting severally on behalf of itself and the
several Underwriters named in Schedule I hereto.

J.P. Morgan Securities LLC

By: /s/ Som Bhattacharyya
Name: Som Bhattacharyya
Title: Executive Director

[Charter - Signature Page to Underwriting Agreement]

Accepted as of the date hereof

Acting severally on behalf of itself and the
several Underwriters named in Schedule I hereto.

Morgan Stanley & Co. LLC

By: /s/ Ian Drewe

Name: Ian Drewe

Title: Executive Director

[Charter - Signature Page to Underwriting Agreement]

SCHEDULE I

Underwriters	Aggregate Principal Amount of 2031 Notes to be Purchased	Aggregate Principal Amount of 2051 Notes to be Purchased
BofA Securities, Inc.	\$160,000,000.00	\$140,000,000.00
J.P. Morgan Securities LLC	\$160,000,000.00	\$140,000,000.00
Morgan Stanley & Co. LLC	\$160,000,000.00	\$140,000,000.00
Deutsche Bank Securities Inc.	\$88,000,000.00	\$77,000,000.00
Citigroup Global Markets Inc.	\$88,000,000.00	\$77,000,000.00
Credit Suisse Securities (USA) LLC	\$80,000,000.00	\$70,000,000.00
Goldman Sachs & Co. LLC	\$80,000,000.00	\$70,000,000.00
Mizuho Securities USA LLC	\$80,000,000.00	\$70,000,000.00
MUFG Securities Americas Inc.	\$80,000,000.00	\$70,000,000.00
RBC Capital Markets, LLC	\$80,000,000.00	\$70,000,000.00
TD Securities (USA) LLC	\$80,000,000.00	\$70,000,000.00
Wells Fargo Securities, LLC	\$80,000,000.00	\$70,000,000.00
Barclays Capital Inc.	\$48,000,000.00	\$42,000,000.00
BNP Paribas Securities Corp.	\$48,000,000.00	\$42,000,000.00
Scotia Capital (USA) Inc.	\$48,000,000.00	\$42,000,000.00
SMBC Nikko Securities America, Inc.	\$48,000,000.00	\$42,000,000.00
SunTrust Robinson Humphrey, Inc.	\$48,000,000.00	\$42,000,000.00
Credit Agricole Securities (USA) Inc.	\$32,000,000.00	\$28,000,000.00
U.S. Bancorp Investments, Inc.	\$32,000,000.00	\$28,000,000.00
LionTree Advisors LLC	\$16,000,000.00	\$14,000,000.00
Academy Securities, Inc.	\$16,000,000.00	\$14,000,000.00
Loop Capital Markets LLC	\$16,000,000.00	\$14,000,000.00
MFR Securities, Inc.	\$16,000,000.00	\$14,000,000.00
Samuel A. Ramirez & Company, Inc.	\$16,000,000.00	\$14,000,000.00
Total	\$1,600,000,000	\$1,400,000,000

SUBSIDIARY GUARANTORS

Bresnan Broadband Holdings, LLC
Bresnan Broadband of Colorado, LLC
Bresnan Broadband of Montana, LLC
Bresnan Broadband of Utah, LLC
Bresnan Broadband of Wyoming, LLC
Bresnan Digital Services, LLC
Bright House Networks Information Services (Alabama), LLC
Bright House Networks Information Services (California), LLC
Bright House Networks Information Services (Florida), LLC
Bright House Networks Information Services (Indiana), LLC
Bright House Networks Information Services (Michigan), LLC
CC Fiberlink, LLC
CC VI Fiberlink, LLC
CC VII Fiberlink, LLC
CCO Fiberlink, LLC
CCO NR Holdings, LLC
Charter Advanced Services (MO), LLC
Charter Communications VI, L.L.C.
Charter Communications, LLC
Charter Distribution, LLC
Charter Fiberlink – Alabama, LLC
Charter Fiberlink – Georgia, LLC
Charter Fiberlink – Illinois, LLC
Charter Fiberlink – Maryland II, LLC
Charter Fiberlink – Michigan, LLC
Charter Fiberlink – Missouri, LLC
Charter Fiberlink – Nebraska, LLC
Charter Fiberlink – Tennessee, LLC
Charter Fiberlink CA-CCO, LLC
Charter Fiberlink CC VIII, LLC
Charter Fiberlink CCO, LLC
Charter Fiberlink CT-CCO, LLC
Charter Fiberlink LA-CCO, LLC
Charter Fiberlink MA-CCO, LLC
Charter Fiberlink MS-CCVI, LLC
Charter Fiberlink NC-CCO, LLC
Charter Fiberlink NH-CCO, LLC
Charter Fiberlink NV-CCVII, LLC
Charter Fiberlink NY-CCO, LLC
Charter Fiberlink OR-CCVII, LLC
Charter Fiberlink SC-CCO, LLC
Charter Fiberlink TX-CCO, LLC
Charter Fiberlink VA-CCO, LLC
Charter Fiberlink VT-CCO, LLC
Charter Fiberlink WA-CCVII, LLC
Charter Leasing Holding Company, LLC

Charter Procurement Leasing, LLC
DukeNet Communications, LLC
Marcus Cable Associates, L.L.C.
Spectrum Advanced Services, LLC
Spectrum Gulf Coast, LLC
Spectrum Mid-America, LLC
Spectrum Mobile, LLC
Spectrum Mobile Equipment, LLC
Spectrum New York Metro, LLC
Spectrum NLP, LLC
Spectrum Northeast, LLC
Spectrum Oceanic, LLC
Spectrum Originals, LLC
Spectrum Originals Development, LLC
Spectrum Pacific West, LLC
Spectrum Reach, LLC
Spectrum RSN, LLC
Spectrum Security, LLC
Spectrum Southeast, LLC
Spectrum Sunshine State, LLC
Spectrum TV Essentials, LLC
Spectrum Wireless Holdings, LLC
TC Technology LLC
Time Warner Cable Business LLC
Time Warner Cable Enterprises LLC
Time Warner Cable Information Services (Alabama), LLC
Time Warner Cable Information Services (Arizona), LLC
Time Warner Cable Information Services (California), LLC
Time Warner Cable Information Services (Colorado), LLC
Time Warner Cable Information Services (Hawaii), LLC
Time Warner Cable Information Services (Idaho), LLC
Time Warner Cable Information Services (Illinois), LLC
Time Warner Cable Information Services (Indiana), LLC
Time Warner Cable Information Services (Kansas), LLC
Time Warner Cable Information Services (Kentucky), LLC
Time Warner Cable Information Services (Maine), LLC
Time Warner Cable Information Services (Massachusetts), LLC
Time Warner Cable Information Services (Michigan), LLC
Time Warner Cable Information Services (Missouri), LLC
Time Warner Cable Information Services (Nebraska), LLC
Time Warner Cable Information Services (New Hampshire), LLC
Time Warner Cable Information Services (New Jersey), LLC
Time Warner Cable Information Services (New Mexico), LLC
Time Warner Cable Information Services (New York), LLC
Time Warner Cable Information Services (North Carolina), LLC
Time Warner Cable Information Services (Ohio), LLC
Time Warner Cable Information Services (Pennsylvania), LLC
Time Warner Cable Information Services (South Carolina), LLC
Time Warner Cable Information Services (Tennessee), LLC
Time Warner Cable Information Services (Texas), LLC
Time Warner Cable Information Services (Virginia), LLC

Time Warner Cable Information Services (Washington), LLC
Time Warner Cable Information Services (West Virginia), LLC
Time Warner Cable Information Services (Wisconsin), LLC
Time Warner Cable, LLC
TWC Administration LLC
TWC Communications, LLC
TWC SEE Holdco LLC
TWCIS Holdco LLC

Schedule II-3

A. Free Writing Prospectus containing the Terms of the Securities substantially in the form of Annex B.

Annex A-1

Issuer Free Writing Prospectus filed pursuant to Rule 433
 supplementing the Preliminary Prospectus Supplement dated
 April 14, 2020 and the Prospectus dated December 22, 2017
 Registration No. 333-222241-213



\$1,600,000,000 2.800% Senior Secured Notes due 2031 (the “2031 Notes”)
 \$1,400,000,000 3.700% Senior Secured Notes due 2051 (the “2051 Notes”)

April 14, 2020

**Pricing Term Sheet dated April 14, 2020
 to the
 Preliminary Prospectus Supplement dated April 14, 2020
 (the “Preliminary Prospectus Supplement”)
 of Charter Communications Operating, LLC and Charter Communications Operating Capital Corp.
 (the “Issuers”)**

This Pricing Term Sheet is qualified in its entirety by reference to the Preliminary Prospectus Supplement.

The information in this Pricing Term Sheet supplements the Preliminary Prospectus Supplement and supersedes the information in the Preliminary Prospectus Supplement to the extent inconsistent with the information in the Preliminary Prospectus Supplement.

Terms Applicable to the 2031 Notes

Issuers:	Charter Communications Operating, LLC and Charter Communications Operating Capital Corp.
Principal Amount:	\$1,600,000,000
Title of Securities:	2.800% Senior Secured Notes due 2031
Final Maturity Date:	April 1, 2031
Coupon:	2.800%
Benchmark Treasury:	1.500% due February 15, 2030
Benchmark Treasury Price and Yield:	107-04; 0.747%
Spread to Benchmark Treasury:	+210 basis points

This Pricing Term Sheet is qualified in its entirety by reference to the Preliminary Prospectus Supplement.

Yield to Maturity:	2.847%
Issue Price:	99.561%, plus accrued and unpaid interest, if any, from April 17, 2020
Interest Payment Dates:	April 1 and October 1
Record Dates:	March 15 and September 15
First Interest Payment Date:	October 1, 2020
CUSIP Number:	161175 BU7
ISIN Number:	US161175BU77

Optional Redemption:

Prior to the Par Call Date (as defined below), the 2031 Notes will be redeemable, in whole or in part, at the Issuers' option, at any time or from time to time, on at least 10 days' but not more than 30 days' prior notice to each Holder of the 2031 Notes to be redeemed, at a redemption price equal to 100% of the principal amount thereof plus the Applicable Premium (as defined below) plus accrued but unpaid interest to but excluding the redemption date (subject to the rights of Holders of the 2031 Notes on a record date to receive the related interest payment on the related interest payment date).

"Applicable Premium" means with respect to a Note the greater of (A) 1.0% of the principal amount of such Note and (B) on any redemption date, the excess (to the extent positive) of:

(a) the present value at such redemption date of (i) 100% of the principal amount of such Note on the Par Call Date, plus (ii) all required interest payments due on such Note to and including the Par Call Date (excluding accrued but unpaid interest to the redemption date), computed upon the redemption date using a discount rate equal to the Applicable Treasury Rate at such redemption date plus 35 basis points; over

(b) the outstanding principal amount of such Note; in each case, as calculated by the Issuers or on behalf of the Issuers by such Person as the Issuers shall designate.

"Par Call Date" means January 1, 2031.

On or after the Par Call Date, the Issuers may redeem the 2031 Notes, in whole or in part, at the Issuers' option, on at least 10 days' but not more than 30 days' prior notice to the registered holders thereof at a redemption price equal to 100% of the principal amount of such 2031 Notes to be redeemed plus accrued and unpaid interest on the principal amount being redeemed to, but not including, the redemption date (subject to the rights of Holders of the 2031 Notes on a record date to receive the related interest payment on the related interest payment date).

Terms Applicable to the 2051 Notes

Issuers:	Charter Communications Operating, LLC and Charter Communications Operating Capital Corp.
Principal Amount:	\$1,400,000,000
Title of Securities:	3.700% Senior Secured Notes due 2051
Final Maturity Date:	April 1, 2051
Coupon:	3.700%
Benchmark Treasury:	2.375% due November 15, 2049
Benchmark Treasury Price and Yield:	123-24; 1.393%
Spread to Benchmark Treasury:	+235 basis points
Yield to Maturity:	3.743%
Issue Price:	99.217%, plus accrued and unpaid interest, if any, from April 17, 2020
Interest Payment Dates:	April 1 and October 1
Record Dates:	March 15 and September 15
First Interest Payment Date:	October 1, 2020
CUSIP Number:	161175 BV5
ISIN Number:	US161175BV50
Optional Redemption:	<p>Prior to the Par Call Date (as defined below), the 2051 Notes will be redeemable, in whole or in part, at the Issuers' option, at any time or from time to time, on at least 10 days' but not more than 30 days' prior notice to each Holder of the 2051 Notes to be redeemed, at a redemption price equal to 100% of the principal amount thereof plus the Applicable Premium (as defined below) plus accrued but unpaid interest to but excluding the redemption date (subject to the rights of Holders of the 2051 Notes on a record date to receive the related interest payment on the related interest payment date).</p> <p>“Applicable Premium” means with respect to a Note the greater of (A) 1.0% of the principal amount of such Note and (B) on any redemption date, the excess (to the extent positive) of:</p> <p>(a) the present value at such redemption date of (i) 100% of the principal amount of such Note on the Par Call Date, plus (ii) all required interest payments due on such Note to and including the Par Call Date (excluding accrued but unpaid interest to the redemption date), computed upon the redemption date using a discount rate equal to the Applicable Treasury Rate at such redemption date plus 40 basis points; over</p>

(b) the outstanding principal amount of such Note; in each case, as calculated by the Issuers or on behalf of the Issuers by such Person as the Issuers shall designate.

“Par Call Date” means October 1, 2050.

On or after the Par Call Date, the Issuers may redeem the 2051 Notes, in whole or in part, at the Issuers’ option, on at least 10 days’ but not more than 30 days’ prior notice to the registered holders thereof at a redemption price equal to 100% of the principal amount of such 2051 Notes to be redeemed plus accrued and unpaid interest on the principal amount being redeemed to, but not including, the redemption date (subject to the rights of Holders of the 2051 Notes on a record date to receive the related interest payment on the related interest payment date).

Terms Applicable to Each Series of Notes

Use of Proceeds:	The Issuers intend to use the net proceeds from this offering to pay related fees and expenses and for general corporate purposes.
Joint Book-Running Managers:	BofA Securities, Inc. J.P. Morgan Securities LLC Morgan Stanley & Co. LLC Deutsche Bank Securities Inc. Citigroup Global Markets Inc. Credit Suisse Securities (USA) LLC Goldman Sachs & Co. LLC Mizuho Securities USA LLC MUFG Securities Americas Inc. RBC Capital Markets, LLC TD Securities (USA) LLC Wells Fargo Securities, LLC
Co-Managers:	Barclays Capital Inc. BNP Paribas Securities Corp. Scotia Capital (USA) Inc. SMBC Nikko Securities America, Inc. SunTrust Robinson Humphrey, Inc. Credit Agricole Securities (USA) Inc. U.S. Bancorp Investments, Inc. LionTree Advisors LLC Academy Securities, Inc. Loop Capital Markets LLC MFR Securities, Inc. Samuel A. Ramirez & Company, Inc.
Trade Date:	April 14, 2020
Settlement Date:	April 17, 2020 (T+3) We expect that delivery of the 2031 Notes and 2051 Notes (together, the “Notes”) will be made to investors on or about April 17, 2020, which will be the third business day following the date of this Pricing Term Sheet (such settlement cycle being herein referred to as “T+3”). Under Rule 15c6-1 under the Exchange Act, trades in the secondary market are required to settle in two business days, unless the parties to any such trade expressly agree otherwise. Accordingly, purchasers who wish to trade the Notes prior to the date that is two business days preceding the settlement date will be required, by virtue of the fact that the Notes initially will settle in T+3, to specify an alternate settlement arrangement at the time of any such trade to prevent a failed settlement. Purchasers of the Notes who wish to trade the Notes hereunder during such period should consult their advisors.

Distribution:

SEC Registered (Registration No. 333-222241-213)

The Issuers and the guarantors have filed a registration statement (including a prospectus) with the Securities and Exchange Commission (“SEC”) for the offering to which this communication relates. Before you invest, you should read the prospectus in that registration statement and other documents that the Issuers and the guarantors have filed with the SEC for more complete information about the Issuers, the guarantors and this offering. You may get these documents for free by visiting EDGAR on the SEC Web site at www.sec.gov. Alternatively, copies of the preliminary prospectus supplement and accompanying prospectus may be obtained by contacting BofA Securities, Inc., Attention: Prospectus Department, NC1-004-03-43, 200 North College Street, 3rd floor, Charlotte NC 28255-0001 Telephone: (800) 294-1322 ; E-mail: dg.prospectus_requests@bofa.com, J.P. Morgan Securities LLC, Attn: Investment Grade Syndicate Desk, 383 Madison Avenue, New York, NY 10179; Telephone: (212) 834-4533, or Morgan Stanley & Co. LLC, Attention: Prospectus Department, 180 Varick Street, 2nd Floor, New York, NY 10014; Telephone: (866) 718-1649, E-mail: prospectus@morganstanley.com.



Charter Closes \$3.0 Billion Senior Secured Notes

STAMFORD, Connecticut – April 17, 2020 – Charter Communications, Inc. (NASDAQ: CHTR) (along with its subsidiaries, “Charter”) today announced that its subsidiaries, Charter Communications Operating, LLC and Charter Communications Operating Capital Corp., have closed on \$3.0 billion in aggregate principal amount of notes consisting of the following securities:

- \$1.6 billion in aggregate principal amount of senior secured notes due 2031 (the “2031 Notes”). The 2031 Notes bear interest at a rate of 2.800% per annum and were issued at a price of 99.561% of the aggregate principal amount.
- \$1.4 billion in aggregate principal amount of senior secured notes due 2051 (the “2051 Notes,” and together with the 2031 Notes, the “Notes”). The 2051 Notes bear interest at a rate of 3.700% per annum and were issued at a price of 99.217% of the aggregate principal amount.

The Notes were issued pursuant to an effective automatic shelf registration statement on Form S-3 filed with the Securities and Exchange Commission (“SEC”).

The joint book-running managers for the senior secured notes offering were BofA Securities, Inc., J.P. Morgan Securities LLC and Morgan Stanley & Co. LLC. The offering was made only by means of a prospectus supplement dated April 14, 2020 and the accompanying base prospectus, copies of which can be made available by contacting BofA Securities, Inc., NC1-004-03-43, 200 North College Street, 3rd floor, Charlotte, NC 28255-0001, Attn: Prospectus Department, by telephone (800) 294-1322 or by emailing: dg.prospectus_requests@bofa.com, or by contacting J.P. Morgan Securities LLC, Attention: Investment Grade Syndicate Desk, 383 Madison Avenue, New York, New York, 10017; Telephone: (212) 834-4533, or by contacting Morgan Stanley & Co. LLC, Attention: Prospectus Department, 180 Varick Street, 2nd Floor, New York, NY 10014; E-mail: prospectus@morganstanley.com. Electronic copies of the prospectus supplement and the accompanying base prospectus are also available on the SEC’s website at www.sec.gov.

This news release is neither an offer to sell nor a solicitation of an offer to buy the Notes and shall not constitute an offer, solicitation or sale in any jurisdiction in which such offer, solicitation, or sale is unlawful.

About Charter

Charter Communications, Inc. (NASDAQ:CHTR) is a leading broadband connectivity company and cable operator serving more than 29 million customers in 41 states through its Spectrum brand. Over an advanced communications network, the company offers a full range of state-of-the-art residential and business services including Spectrum Internet[®], TV, Mobile and Voice.

For small and medium-sized companies, Spectrum Business[®] delivers the same suite of broadband products and services coupled with special features and applications to enhance productivity, while for larger businesses and government entities, Spectrum Enterprise provides highly customized, fiber-based solutions. Spectrum Reach[®] delivers tailored advertising and production for the modern media landscape. The company also distributes award-winning news coverage, sports and high-quality original programming to its customers through Spectrum Networks and Spectrum Originals. More information about Charter can be found at corporate.charter.com.

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