UNITED STATES BANKRUPTCY COURT SOUTHERN DISTRICT OF NEW YORK

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|) Chapter 11 |
|) Case No. 19-22312 (RDD) |
|) (Jointly Administered) |
|)) |
|) Adv. Pro. No. 19-08246 |
|) |
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EXHIBITS ADMITTED AT TRIAL

| Joint Trial Exhibit No. | Description |
|----------------------------|--|
| 1 | Spectrum Business Value Added Reseller Agreement, dated April 11, 2018 |
| 2 | Charter_046353 |
| 3 | Defendants' Form 10-K for the period ending 12/31/18 |
| 4 | Defendants' Form 10-Q for the period ending 6/30/19 |

¹ The last four digits of Debtor Windstream Holdings, Inc.'s tax identification number are 7717. Due to the large number of debtor entities in these Chapter 11 cases, for which joint administration has been granted, a complete list of the debtor entities and the last four digits of their federal tax identification numbers is not provided herein. A complete list of such information may be obtained on the website of the Debtors' claims and noticing agent at http://www.kccllc.net/windstream. The location of the Debtors' service address for purposes of these Chapter 11 cases is: 4001 North Rodney Parham Road, Little Rock, Arkansas 72212.

| 5 | Charter_006319-Charter_006325 |
|----|---|
| 6 | Charter_007830-Charter_007831 |
| 7 | Ex. 28 to Rule 30(b)(6) Deposition of Keith Dardis |
| 8 | Charter_047110; Charter_047065-Charter_047109; Charter_047111-Charter_047113 |
| 9 | Proof of Claim No. 5739, Bankr. Case No. 19-22345; Proof of Claim No. 5740, Bankr. Case No. 19-22349; Proof of Claim No. 5738, Bankr. Case No. 19-22440; Proof of Claim No. 5786, Bankr. Case No. 19-22456; Proof of Claim No. 5768, Bankr. Case No. 19-22469; Proof of Claim No. 5731, Bankr. Case No. 19-22366; Proof of Claim No. 5791, Bankr. Case No. 19-22369; Proof of Claim No. 5791, Bankr. Case No. 19-22369; Proof of Claim No. 5760, Bankr. Case No. 19-22372; Proof of Claim No. 5759, Bankr. Case No. 19-22375; Proof of Claim No. 5758, Bankr. Case No. 19-22378; Proof of Claim No. 5755, Bankr. Case No. 19-22380; Proof of Claim No. 5767, Bankr. Case No. 19-22380; Proof of Claim No. 5767, Bankr. Case No. 19-22380; Proof of Claim No. 5762, Bankr. Case No. 19-22388; Proof of Claim No. 5748, Bankr. Case No. 19-22386; Proof of Claim No. 5762, Bankr. Case No. 19-22388; Proof of Claim No. 5790, Bankr. Case No. 19-22391; Proof of Claim No. 5780, Bankr. Case No. 19-22394; Proof of Claim No. 5780, Bankr. Case No. 19-22394; Proof of Claim No. 5750, Bankr. Case No. 19-22427; Proof of Claim No. 5734, Bankr. Case No. 19-22447; Proof of Claim No. 5734, Bankr. Case No. 19-22447; Proof of Claim No. 5754, Bankr. Case No. 19-22347; Proof of Claim No. 5752, Bankr. Case No. 19-22311; Proof of Claim No. 5753, Bankr. Case No. 19-22393; Proof of Claim No. 5755, Bankr. Case No. 19-22347; Proof of Claim No. 5753, Bankr. Case No. 19-22440; Proof of Claim No. 5753, Bankr. Case No. 19-22440; Proof of Claim No. 5754, Bankr. Case No. 19-22478; Proof of Claim No. 5754, Bankr. Case No. 19-22478; Proof of Claim No. 5754, Bankr. Case No. 19-22478; Proof of Claim No. 5754, Bankr. Case No. 19-22478; Proof of Claim No. 5754, Bankr. Case No. 19-22478; Proof of Claim No. 5754, Bankr. Case No. 19-22478; Proof of Claim No. 5754, Bankr. Case No. 19-22478; Proof of Claim No. 5763, Bankr. Case No. 19-22458; Proof of Claim No. 5764, Bankr. Case No. 19-22478; Proof of Claim No. 5763, Bankr. Case No. 19-22458; Proof of Claim No. 5767, Bankr. Case No. 19-22479; Proof |
| 10 | Charter Direct Mail Marketing Mailers |
| 11 | 5/16/19 Invoice and Letter from Kurtzman Carson Consultants to Windstream Holdings, Inc. |

| 12 | Charter Direct Mailer Sample Envelope |
|----|--|
| 13 | Ex. 44 to Rule 30(b)(6) Deposition of Frederick Gunzel |
| 14 | Ex. 46 to Rule 30(b)(6) Deposition of Frederick Gunzel |
| 15 | Ex. 47 to Rule 30(b)(6) Deposition of Frederick Gunzel |
| 16 | Robert Borders Curriculum Vitae |
| 17 | Revised Segment Results from Direct Mailer |

| Plaintiffs Trial Exhibit No. | Description |
|------------------------------------|--|
| 1 | Windstream Holdings, Inc., et. al. v. Charter Communications, Inc., et. al., Adv. Pro. No. 19-08246, Adv. Dkt. No. 1 |
| 3 | Charter Communications Holding Co., et. al. v. DirecTV, Inc., No. 4:09-cv-00730, Dkt. No. 1 (E.D. Mo. May 11, 2009) |
| 5 | Tab 5 to Expert Report of John C. Jarosz |
| 6 | Windstream Holdings, Inc. 2Q18 Earnings Presentation |
| 7 | Windstream Holdings, Inc. 2Q19 Earnings Presentation |
| 8 | Charter_000652-000654 |
| 9 | Charter_000998-000999 |
| 10 | Charter _001005 |

| 11 | Charter_009451-009452 |
|----------|---|
| 10 | Cl |
| 12 | Charter_009885-009886 |
| 14 | WIN002467 |
| 15 | Ex. 6 to 11/15/19 Thompson Dec. |
| 17 | WIN002058- WIN002063 |
| 18 | WIN000381-WIN000467; WIN000675-WIN001770; WIN001780-WIN002057; WIN002072-WIN002094 |
| 19 | WIN002772- WIN002814 |
| 20 | Charter Communications Holding Co., et. al. v. DirecTV, Inc., No. 4:09-cv-00730, Dkt. No. 9-2 (E.D. Mo. May 11, 2009) |
| 25 | Charter_045452 |
| 26 | Charter_000540- Charter_000543 |
| 27 | Charter_000677- Charter_000678 |
| 28 | Charter_001217- Charter_001220 |
| 29 | Charter_006088 |
| 30 | Ex. 3 from 9/19/19 Atkinson Dep. II |
| 33 | Charter_000514 |
| 34 | Ex. 1 to 12/6/19 Auman Dec. |
| <u> </u> | 1 |

| 35 | Third Supplemental Initial Disclosures of Plaintiff Windstream Holdings, Inc. and Affiliated Debtors |
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| 39 | Ex. 4 from 9/12/19 RAPP Dep. |
| 40 | Charter_000936-000941 |
| 41 | Charter_006254-006255 |
| 42 | Charter_006103-006109 |
| 43 | Charter_010013-010021 |
| 44 | Ex. 9 from 9/12/19 RAPP Dep. |
| 45 | Ex. 10 from 9/12/19 RAPP Dep. |
| 46 | Ex. 1 to 4/11/19 Langston Supp. Dec. |
| 47 | Charter_020211-020218 |
| 48 | Windstream Holdings, Inc., et. al. v. Charter Communications, Inc., et. al., Adv. Pro. No. 19-08246, Adv. Dkt. No. 84 |
| 50 | Charter_000583-Charter_000585 |
| 51 | Charter_001458-Charter_001461 |
| 52 | Charter_001492-Charter_001496 |
| 53 | Charter_009191-Charter_009192 |
| 55 | Charter_020026-Charter_020027 |

| 58 | Charter_020032 |
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| 59 | Charter's Responses and Objections to Windstream's Interrogatories (9/23/19) |
| 60 | "190917 Charter Litigation Information –damages.xlsx" |
| 61 | "Consumer ARPU_GM.pdf" |
| 62 | Email – "Charter Corrective Mailings," July 31, 2019 |
| 64 | WIN002771 |
| 65 | WIN000069-WIN000070 |
| 66 | WIN000381; WIN000389-WIN000391; WIN000414-WIN000467; WIN001203; WIN001207-WIN001209; WIN001223-WIN001227; WIN001248; WIN001394; WIN001398; WIN001401-WIN001404; WIN001419-WIN001425; WIN001442; WIN001909; WIN001926-WIN001931; WIN001944; WIN001948-WIN001950; WIN001867-WIN00187; WIN001882; WIN000727-WIN000728; WIN000735-WIN000736; WIN000746-WIN000757; WIN000762; WIN000766-WIN000772; WIN000781-WIN000783; WIN000797-WIN000800; WIN000819; WIN000862; WIN000876-WIN000891; WIN000898-WIN000906; WIN000948-WIN000951; WIN000969-WIN000971; WIN000984-WIN000993-WIN000992; WIN001156; WIN001196-WIN001202; WIN000993-WIN000994; WIN001299; WIN001329-WIN001330; WIN001341-1342; WIN001345; WIN001443-WIN001445; WIN001449; WIN001479-WIN001484; WIN001490; WIN001042-WIN001045; WIN00149-WIN001052; WIN001055-WIN001058; WIN001095; WIN001249-WIN001292; WIN001252-WIN001258; WIN001286; WIN001291-WIN001292; WIN001292; WIN001571; WIN001581-WIN001582; WIN001610; WIN001614-WIN001615; WIN001620; WIN002002-WIN002011; WIN002041-WIN002045; WIN001133-WIN001195; WIN001105; WIN0011557-WIN001558; WIN001155; WIN001157; WIN001557-WIN001558; WIN001570; WIN001570; WIN001571; WIN001571-WIN001558; WIN001570; WIN001570; WIN001571; WIN001571-WIN001554; WIN001571-WIN001571 |

| 80 | In re Windstream Holdings, Inc., et. al., Case No. 19-22312, Dkt. No. 612 |
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| 79 | In re Windstream Holdings, Inc., et. al., Case No. 19-22312, Dkt. No. 1522 |
| 78 | In re Windstream Holdings, Inc., et. al., Case No. 19-22312, Dkt. No. 1449 |
| 77 | In re Windstream Holdings, Inc., et. al., Case No. 19-22312, Dkt. No. 1360 |
| 76 | In re Windstream Holdings, Inc., et. al., Case No. 19-22312, Dkt. No. 1319 |
| 75 | In re Windstream Holdings, Inc., et. al., Case No. 19-22312, Dkt. No. 1238 |
| 74 | In re Windstream Holdings, Inc., et. al., Case No. 19-22312, Dkt. No. 1157 |
| 73 | In re Windstream Holdings, Inc., et. al., Case No. 19-22312, Dkt. No. 1079 |
| 72 | In re Windstream Holdings, Inc., et. al., Case No. 19-22312, Dkt. No. 970 |
| 71 | In re Windstream Holdings, Inc., et. al., Case No. 19-22312, Dkt. No. 932 |
| 70 | In re Windstream Holdings, Inc., et. al., Case No. 19-22312, Dkt. No. 822 |
| 69 | In re Windstream Holdings, Inc., et. al., Case No. 19-22312, Dkt. No. 693 |
| 68 | In re Windstream Holdings, Inc., et. al., Case No. 19-22312, Dkt. No. 551 |
| 67 | In re Windstream Holdings, Inc., et. al., Case No. 19-22312, Dkt. No. 504 |
| | WIN001360-WIN001371; WIN001383-WIN001385; WIN001393; WIN001670; WIN001677-WIN001679; WIN001724; WIN001809; WIN001842-WIN001846; WIN001855-WIN001859; WIN001862-WIN001866; WIN001725-WIN00732; WIN001766-WIN00767; WIN001770 |

| 81 | In re Windstream Holdings, Inc., et. al., Case No. 19-22312, Dkt. No. 812 |
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| 82 | In re Windstream Holdings, Inc., et. al., Case No. 19-22312, Dkt. No. 878 |
| 83 | In re Windstream Holdings, Inc., et. al., Case No. 19-22312, Dkt. No. 936 |
| 84 | In re Windstream Holdings, Inc., et. al., Case No. 19-22312, Dkt. No. 982 |
| 85 | In re Windstream Holdings, Inc., et. al., Case No. 19-22312, Dkt. No. 1114 |
| 86 | In re Windstream Holdings, Inc., et. al., Case No. 19-22312, Dkt. No. 1163 |
| 87 | In re Windstream Holdings, Inc., et. al., Case No. 19-22312, Dkt. No. 1239 |
| 88 | In re Windstream Holdings, Inc., et. al., Case No. 19-22312, Dkt. No. 1322 |
| 89 | In re Windstream Holdings, Inc., et. al., Case No. 19-22312, Dkt. No. 1375 |
| 90 | In re Windstream Holdings, Inc., et. al., Case No. 19-22312, Dkt. No. 1454 |
| 91 | In re Windstream Holdings, Inc., et. al., Case No. 19-22312, Dkt. No. 1548 |
| 92 | In re Windstream Holdings, Inc., et. al., Case No. 19-22312, Dkt. No. 1188 |
| 93 | In re Windstream Holdings, Inc., et. al., Case No. 19-22312, Dkt. No. 1507 |
| 94 | Analysis Group invoices, September 2019 through December 2019 (not included on Fee Applications) |
| 95 | NERA invoices, December 2019 (not included on Fee Applications) |
| 99 | In re Windstream Holdings, Inc., et. al., Case No. 19-22312, Dkt. No. 1598 |
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| 100 | In re Windstream Holdings, Inc., et. al., Case No. 19-22312, Dkt. No. 1642 |
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| 101 | In re Windstream Holdings, Inc., et. al., Case No. 19-22312, Dkt. No. 1631 |
| 102 | In re Windstream Holdings, Inc., et. al., Case No. 19-22312, Dkt. No. 1632 |
| 103 | John Jarosz CV (as of March 2020) |
| 104 | In re Windstream Holdings, Inc., et. al., Case No. 19-22312, Dkt. No. 1679 |
| 105 | In re Windstream Holdings, Inc., et. al., Case No. 19-22312, Dkt. No. 1682 |
| 106 | In re Windstream Holdings, Inc., et. al., Case No. 19-22312, Dkt. No. 1701 |
| 313 | WIN003249 - WIN003249 |
| 315 | Internal Windstream Legal Time |
| 316 | Customer Credits |
| 350 | Debtors Objections and Responses to Charters Written Discovery Related to Alleged Legal and Promotional Costs |
| | |

| Charter Trial Exhibit No. | Description |
|---------------------------|--|
| | Windstream Holdings, Inc. Form 10-K |
| 15 | 6/19/19 Initial Disclosures |
| 16 | 8/29/19 Supplemental Initial Disclosures |
| 17 | 9/6/19 Second Supplemental Initial Disclosures |

| 26 | 2/16/19 - 2/28/19 One Touch Intelligence LLC Report |
|-----|---|
| 27 | 2/25/19 One Touch Intelligence LLC Competitive Alert |
| 77 | S. Gunzel Dep. Ex. 48 |
| 78 | S. Gunzel Dep. Ex. 49 |
| 84 | M. Kardos Dep. Ex. 10 |
| 87 | M. Kardos Dep. Ex. 13 |
| 110 | March 2019 Mailing List Produced to Plaintiffs on May 13, 2019 |
| 127 | Understanding Your Residential Bill |
| 128 | Understanding Your Business Bill |
| 130 | April 2019 Windstream Holdings, Inc. Corporate Monthly Operating Report |
| 146 | Windstream's Responses and Objections to Second Interrogatories |
| 185 | Chapter 11 Petition, Case No. 19-22324 |
| 252 | Chapter 11 Petition, Case No. 19-22311 |
| 309 | Chapter 11 Petition, Case No. 19-22418 |
| 383 | May 13, 2019 email containing the box link providing the Charter mailing list (i.e., Defendants' Ex. No. 110) |

| | Description (Admitted for Impeachment Purposes Only) |
|---|--|
| 1 | FCC Fixed Broadband Deployment – Fabens, Texas; 2020-03-16 |
| 2 | FCC Fixed Broadband Deployment – Fabens, Texas; 2020-03-16 |
| 4 | FCC View Service Provider Details; Dec. 2018 |

| 5 | FCC View Service Provider Details; Provider coverage overlap and population coverage; Dec. 2018 |
|----|---|
| 23 | FCC Fixed Broadband Deployment – Odenville, Alabama; Dec. 2018 |
| 25 | FCC Fixed Broadband Deployment – Census Block 011504052214; Dec. 2019 |
| 30 | FCC Fixed Broadband Deployment – Catlettsburg, Kentucky; Dec. 2018 |
| 31 | FCC Fixed Broadband Deployment – Dover, Kentucky; Dec. 2018 |
| 38 | FCC Fixed Broadband Deployment – Madison, Missouri; Dec. 2018 |
| 39 | FCC Fixed Broadband Deployment – Murdock, Nebraska; Dec. 2018 |

Dated: May 14, 2020

New York, NY

/s/ Terence P. Ross

Terence P. Ross

Michael R. Justus (admitted pro hac vice)

Shaya Rochester

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