

FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

| OMB APPROVAL | |
|------------------------------------------------|-----------|
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STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

(Print or Type Responses)

| | | | | | | | | |
|--------------------------------------------------------------------------|---------|----------|-----------------------------------------------------------------------------------------|--|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|
| 1. Name and Address of Reporting Person * ROSENTHALER ALBERT E | | | 2. Issuer Name and Ticker or Trading Symbol Liberty Broadband Corp [LBRDA] | | | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director _____ 10% Owner _____ <input checked="" type="checkbox"/> Officer (give title below) _____ Other (specify below) _____ Chief Corp. Dev. Officer | | |
| (Last) 12300 LIBERTY BLVD. | (First) | (Middle) | 3. Date of Earliest Transaction (Month/Day/Year) 12/07/2016 | | | | | |
| (Street) ENGLEWOOD, CO 80112 | | | 4. If Amendment, Date Original Filed(Month/Day/Year) | | | 6. Individual or Joint/Group Filing(Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person <input type="checkbox"/> Form filed by More than One Reporting Person | | |
| (City) | (State) | (Zip) | Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned | | | | | |

| 1. Title of Security (Instr. 3) | 2. Transaction Date (Month/Day/Year) | 2A. Deemed Execution Date, if any (Month/Day/Year) | 3. Transaction Code (Instr. 8) | | 4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5) | | | 5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4) | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 7. Nature of Indirect Beneficial Ownership (Instr. 4) |
|---------------------------------|--------------------------------------|----------------------------------------------------|--------------------------------|---|-------------------------------------------------------------------|------------|----------------|-----------------------------------------------------------------------------------------------|----------------------------------------------------------|-------------------------------------------------------|
| | | | Code | V | Amount | (A) or (D) | Price | | | |
| Series A Common Stock | 12/07/2016 | | M | | 14,865 | A | \$ 33.12 | 31,727 | D | |
| Series A Common Stock | 12/07/2016 | | S | | 14,865 | D | \$ 72.4976 (1) | 16,862 | D | |
| Series C Common Stock | 12/07/2016 | | M | | 10,000 | A | \$ 33.11 | 44,937 (2) | D | |
| Series C Common Stock | 12/07/2016 | | M | | 6,750 | A | \$ 33.11 | 51,687 | D | |
| Series C Common Stock | 12/07/2016 | | F | | 7,034 | D | \$ 74.46 | 44,653 | D | |
| Series C Common Stock | 12/07/2016 | | S | | 9,716 | D | \$ 74.5578 (3) | 34,937 | D | |

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number. SEC 1474 (9-02)

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

| 1. Title of Derivative Security (Instr. 3) | 2. Conversion or Exercise Price of Derivative Security | 3. Transaction Date (Month/Day/Year) | 3A. Deemed Execution Date, if any (Month/Day/Year) | 4. Transaction Code (Instr. 8) | | 5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5) | 6. Date Exercisable and Expiration Date (Month/Day/Year) | | 7. Title and Amount of Underlying Securities (Instr. 3 and 4) | | 8. Price of Derivative Security (Instr. 5) | 9. Number of Derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4) | 10. Ownership Form of Derivative Security: Direct (D) or Indirect (I) (Instr. 4) | 11. Nature of Indirect Beneficial Ownership (Instr. 4) |
|--------------------------------------------|--------------------------------------------------------|--------------------------------------|----------------------------------------------------|--------------------------------|---|-----------------------------------------------------------------------------------------|----------------------------------------------------------|-----------------|---------------------------------------------------------------|----------------------------|--------------------------------------------|----------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|--------------------------------------------------------|
| | | | | Code | V | | Date Exercisable | Expiration Date | Title | Amount or Number of Shares | | | | |
| Stock Option - LBRDA (Right to Buy) | \$ 33.12 | 12/07/2016 | | M | | 14,865 | (4) | 03/19/2020 | Series A Common Stock | 14,865 | \$ 0 | 10,000 | D | |
| Stock Option - LBRDK (Right to Buy) | \$ 33.11 | 12/07/2016 | | M | | 6,750 | (4) | 03/19/2020 | Series C Common Stock | 6,750 | \$ 0 | 10,000 | D | |
| Stock Option - LBRDK (Right to Buy) | \$ 33.11 | 12/07/2016 | | M | | 10,000 | (4) | 03/19/2020 | Series C Common Stock | 10,000 | \$ 0 | 0 | D | |

Reporting Owners

| Reporting Owner Name / Address | Relationships | | | |
|--------------------------------------------------------------------|---------------|-----------|--------------------------|-------|
| | Director | 10% Owner | Officer | Other |
| ROSENTHALER ALBERT E 12300 LIBERTY BLVD. ENGLEWOOD, CO 80112 | | | Chief Corp. Dev. Officer | |

Signatures

| | | |
|------------------------------------------------|--|---------------------|
| /s/ Albert E. Rosenthaler | | 12/09/2016 |
| <small>**Signature of Reporting Person</small> | | <small>Date</small> |

Explanation of Responses:

* If the form is filed by more than one reporting person, *see* Instruction 4(b)(v).

** Intentional misstatements or omissions of facts constitute Federal Criminal Violations. *See* 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

The price is a weighted average price. These shares were sold in multiple transactions ranging from \$72.4510 to \$72.7000, inclusive. The reporting person undertakes to provide to the Securities and Exchange Commission, the Issuer or any security holder of the Issuer, upon request, full information regarding the number of shares sold at each separate price within the range.

(2) These holdings were decreased by one share from the Form 4 filed by the reporting person on April 2, 2015, as the result of an accounting reconciliation.

The price is a weighted average price. These shares were sold in multiple transactions ranging from \$74.4850 to \$74.6000, inclusive. The reporting person undertakes to provide to the

(3) Securities and Exchange Commission, the Issuer or any security holder of the Issuer, upon request, full information regarding the number of shares sold at each separate price within the range.

(4) The derivative security is fully vested.

Remarks:

Since the Form 4 filed by the reporting person on April 2, 2015, the 401(k) Savings Plan (the "Plan") executed a non-volitional liquidation of all of the Issuer's securities held in the Plan.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure.

Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.