

**FORM 4****UNITED STATES SECURITIES AND EXCHANGE COMMISSION**

Washington, D.C. 20549

**OMB APPROVAL**

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

**STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP**

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

|                                                                                                                                                                                                                    |                                                                                  |                                                                                                                                                                                                                                   |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>1. Name and Address of Reporting Person*</b><br><u>COVERT HAROLD L</u><br><br>(Last) (First) (Middle)<br><u>4300 NORTH FIRST STREET</u><br><br>(Street)<br><u>SAN JOSE CA 95134</u><br><br>(City) (State) (Zip) | <b>2. Issuer Name and Ticker or Trading Symbol</b><br><u>HARMONIC INC [HLIT]</u> | <b>5. Relationship of Reporting Person(s) to Issuer</b><br>(Check all applicable)<br>Director 10% Owner<br><input checked="" type="checkbox"/> Officer (give title below) Other (specify below)<br><u>Chief Financial Officer</u> |
|                                                                                                                                                                                                                    | <b>3. Date of Earliest Transaction (Month/Day/Year)</b><br><u>05/11/2017</u>     |                                                                                                                                                                                                                                   |
| <b>4. If Amendment, Date of Original Filed (Month/Day/Year)</b>                                                                                                                                                    |                                                                                  |                                                                                                                                                                                                                                   |

**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   |                                                                                               |                                                          |                                                       |
| Common Stock                    | 05/11/2017                           |                                                    | S                              |   | 11,444                                                            | D          | \$5.143 | 0                                                                                             | D                                                        |                                                       |
| Common Stock                    | 05/11/2017                           |                                                    | M                              |   | 1,728 <sup>(1)</sup>                                              | A          | \$3.14  | 1,728                                                                                         | D                                                        |                                                       |
| Common Stock                    | 05/11/2017                           |                                                    | S                              |   | 1,728                                                             | D          | \$5.15  | 0                                                                                             | D                                                        |                                                       |

**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 Securities Underlying Derivative Security (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: 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/Right to Buy                  | \$3.14                                                 | 05/11/2017                           | 05/11/2017                                         | M                              |   | 1,728                                                                                  | 02/15/2017                                               | 03/14/2023      | Common Stock                                                                      | 1,728                      | \$3.14                                     | 19,014                                                                                             | D                                                         |                                                        |

**Explanation of Responses:**

1. These shares of common stock were acquired upon the exercise of stock options on 5/11/2017. These options were initially granted to the Reporting Person on 3/14/2016, and were identified on a Form 4 filed by the Reporting Person on 3/16/2016.

**Remarks:**

/s/ Laura Donovan By  
Attorney-in-Fact: Laura  
Donovan

05/15/2017

\*\* Signature of Reporting Person Date

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

\* 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).

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

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 Number.