## FORM 4

obligations may continue. See Instruction 1(b).

Check this box if no longer subject to Section 16. Form 4 or Form 5

## UNITED STATES SECURITIES AND EXCHANGE COMMISSION

| Washington, | D.C. | 20549 |
|-------------|------|-------|
|             |      |       |

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

| 1. Name and Address of Reporting Person* <u>Ledford Gregory S</u>  |   |  |   |                                  | 2. Issuer Name and Ticker or Trading Symbol Allison Transmission Holdings Inc [ ALSN ] |       |                                    |  |                |              |  |  | 5. Relationship of Reporting F<br>(Check all applicable)<br>X Director  |   |  | erson(s) to Issuer   |                                       |  |
|--|---|--|---|----------------------------------|--|-------|------------------------------------|--|----------------|--------------|--|--|---|---|--|--|---------------------------------------|--|
| (Last) ONE AL  | (Fi   | ,  | (Middle)  |                                  | 3. Date of Earliest Transaction (Month/Day/Year) 05/15/2015                            |       |                                    |  |                |              |  |  |   | Officer (give title below)  |  |  | Other (specify<br>below)              |  |
| (Street) INDIAN (City)   | APOLIS IN   |  | 46222<br>(Zip)  | 4. 1                             | 4. If Amendment, Date of Original Filed (Month/Day/Year)                               |       |                                    |  |                |              | 6.<br>Lir  | e)<br>X Form                           | r Joint/Group Filing (Check Applicable<br>n filed by One Reporting Person<br>n filed by More than One Reporting<br>on |   |  |  |                                       |  |
| Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned   |   |  |   |                                  |  |       |                                    |  |                |              |  |  |   |   |  |  |                                       |  |
| Date   |   |  |   | Transaction<br>te<br>onth/Day/Ye | Execution Date,  |       | Code (Ins                          | str. 5)  |                | str. 3, 4 an | Securities For Beneficially (D   |  | Form:   | Direct Indirect It. 4)  | 7. Nature<br>of Indirect<br>Beneficial<br>Ownership<br>Instr. 4) |  |                                       |  |
| Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities) |   |  |   |                                  |  |       |                                    |  |                |              |  |  |   |   |  |  |                                       |  |
| 1. Title of<br>Derivative<br>Security<br>(Instr. 3)  | 2.<br>Conversion<br>or Exercise<br>Price of<br>Derivative<br>Security | 3. Transaction<br>Date<br>(Month/Day/Year) | 3A. Deemed<br>Execution Date,<br>if any<br>(Month/Day/Year) | Code                             | Transaction<br>Code (Instr.  |       | nber<br>tive<br>ties<br>red<br>sed | 6. Date Exercisable and<br>Expiration Date<br>(Month/Day/Year) |                | and          | 7. Title and<br>Amount of<br>Securities<br>Underlying<br>Derivative Security<br>(Instr. 3 and 4) |  | 8. Price of<br>Derivative<br>Security<br>(Instr. 5)   | 9. Number of<br>derivative<br>Securities<br>Beneficially<br>Owned<br>Following<br>Reported<br>Transaction(s<br>(Instr. 4) | y  | 10.<br>Ownership<br>Form:<br>Direct (D)<br>or Indirect<br>(I) (Instr. 4) | Beneficial<br>Ownership<br>(Instr. 4) |  |
|  |   |  |   | Code                             | v  | (A)   | (D)                                | Date<br>Exercisable  | Expira<br>Date | ation        | Title  | Amount<br>or<br>Number<br>of<br>Shares |   |   |  |  |                                       |  |
| Deferred<br>Stock<br>Units <sup>(1)</sup>  | (2)   | 05/15/2015                                 |   | A                                |  | 3,162 |                                    | (2)  | (2             | 2)           | Common<br>Stock  | 3,162                                  | \$0 <sup>(3)</sup>  | 7,526   |  | D  |                                       |  |

## **Explanation of Responses:**

- 1. The deferred stock units ("DSUs") represent the portion of the reporting person's annual equity award under the Allison Transmission Holdings, Inc. (the "Company") Second Amended and Restated Non-Employee Director Compensation Policy deferred pursuant to the Company's Amended and Restated Non-Employee Director Deferred Compensation Plan.
- 2. Each DSU is the economic equivalent of one share of the Company's common stock. The DSUs vest on the date of the next annual meeting of the stockholders of the Company. The DSUs become payable, in common stock, or at the Company's election, cash, at the earlier of the reporting person's separation from service or a change in control. DSUs earn dividend equivalents when dividends are declared on the Company's common stock.
- 3. The number of DSUs received was calculated based on \$31.62, which was the closing price of the Company's common stock on the date of grant.

## Remarks:

/s/ Eric C. Scroggins, attorney-

05/18/2015

in-fact

\*\* 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.