FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

l	OMB APPRO	IVAL				
	OMB Number:	3235-0287				
l	Estimated average burd	en				
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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

	nd Address of IA TUNC	2. Issuer Name and Ticker or Trading Symbol Allison Transmission Holdings Inc [ALSN] 3. Date of Earliest Transaction (Month/Day/Year) 05/11/2017									(Che	5. Relationship of Repor (Check all applicable) X Director Officer (give titl below)			10% Owner					
ONE ALLISON WAY (Street) INDIANAPOLIS IN 46222					4. If Amendment, Date of Original Filed (Month/Day/Year)									Line	6. Individual or Joint/Group Filing (Check Applicable Line) X Form filed by One Reporting Person Form filed by More than One Reporting Person					
(City)	y) (State) (Zip)																			
Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned																				
1. Title of Security (Instr. 3) 2. Transac Date (Month/Da					Execution ay/Year) if any			cution Date,		Code (Instr. 5)					Benefici	es ally Following	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)		7. Nature of Indirect Beneficial Ownership (Instr. 4)	
										Code	v	Amount	ount (A) or (D)		Price	Transaci (Instr. 3	tion(s)			(111511.4)
	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. Deeme Execution if any (Month/Day	Date,	ransac code (Ir)				6. Date Exercisa Expiration Date (Month/Day/Year			Amount of		t of ies /ing ive Sec	urity	8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction (Instr. 4)	,	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				c	ode	v	(A)	(D)	Dat Exe	te ercisable		xpiration ate	Title	or Nui of	ount mber ares					
Deferred Stock Units ⁽¹⁾	(2)	05/11/2017			A		621			(2)		(2)	Commo		21	\$ 0 ⁽³⁾	8,448		D	
Deferred Stock Units ⁽⁴⁾	(2)	05/12/2017			A		3,185			(5)		(5)	Commo		185	\$0 ⁽⁶⁾	11,010		D	

Explanation of Responses:

- 1. These deferred stock units ("DSUs") represent a quarterly payment of the portion of the reporting person's annual retainer and other fees under the Allison Transmission Holdings, Inc. (the "Company") Second Amended and Restated Non-Employee Director Compensation Policy ("Policy") deferred pursuant to the Company's Amended and Restated Non-Employee Director Deferred Compensation Plan. The annual retainer and other fees are payable quarterly in arrears.
- 2. Each DSU is the economic equivalent of one share of the Company's common stock. 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 \$38.23, which was the closing price of the Company's common stock on the date of grant.
- 4. The DSUs represent the portion of the reporting person's annual equity award under the Policy deferred pursuant to the Company's Amended and Restated Non-Employee Director Deferred Compensation
- 5. The DSUs vest on the date of the next annual meeting of the stockholders of the Company.
- 6. The number of DSUs received was calculated based on \$37.67, which was the closing price of the Company's common stock on the date of grant.

Remarks:

/s/ Eric C. Scroggins, attorney-05/15/2017 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.